MULLEN BOARD OF EDUCATION
April 14, 2025
Regular Board Meeting Agenda
7:00 PM

1. Call to order, roll call, and excuse board member absences.
2. Approval of the March 10, 2025 Board Meeting minutes.
3. Discuss, consider and take all necessary action to approve the claim from the Hooker County Tribune for $121.11.
4. Approval of the following April claims: Payroll $303,063.42, General Fund $58,044.36, Lunch Fund $6,349.35, and March Activity Fund $16,624.43.
5. 8th Grade Field Trip Presentation and State FFA Presentation
6. Public Comment
7. Discussion on the lighting improvement project at the 6-12 building with Facility Advocates.
8. Discuss, consider and take all necessary action to approve the Summer Vehicle Usage Procedures.
9. Discuss, consider and take all necessary action to approve the 2025-2026 Extra Duty Assignments.
10. National Honor Society Student Body Report
11. Administrative Reports
    - 11.a. Mr. Hoyt- Activities Director Report
    - 11.b. Mr. Mauler- Elementary Principal Report
    - 11.c. Mr. Kvanvig- 6-12 Principal Report
    - 11.d. Mr. Kuncl- Superintendent Report
12. Board Reports
13. Next Meeting - May 12, 2025
14. Adjournment

Please follow the board meeting at https://meeting.sparqdata.com/Public/Organization/393

The Mullen Board of Education reserves the right to go into Closed Session for purposes in accordance with LB 84-1410(1)

MULLEN BOARD OF EDUCATION
MINUTES
March 10, 2025

The regular meeting of the Mullen School Board was called to order at 7:00 p.m. by President Liza Simonson She announced that the Open Meetings Act is posted on the west wall. Board members in attendance were **Present:** Dane Peterson, Casey Phillips, Liza Simonson, Michael Stichka, Patrick Wright, **Absent:** Mike French. Also present were 3 administrators, 4 staff, 3 students, and 4 patrons

Motion by Patrick Wright, second by Michael Stichka to approve the February 10, 2025, Regular Board Meeting minutes and February 24, 2025, Board Workshop for Goal-Setting minutes. Motion carried.
Casey Phillips: yes, Dane Peterson: Abstain (With Conflict), Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 4, no: 0, Absent: 1, Abstain (With Conflict): 1

Motion by Dane Peterson, second by Patrick Wright to approve the option enrollment for Martin Connealy. Motion carried.
Casey Phillips: yes, Dane Peterson: yes, Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 5, no: 0, Absent: 1

Motion by Casey Phillips, second by Michael Stichka to approve the certified teaching contracts for Mollie Finney, Cece Coons, and Harlee Fischer. Motion carried.
Casey Phillips: yes, Dane Peterson: yes, Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 5, no: 0, Absent: 1

Motion by Casey Phillips, second by Michael Stichka to approve the claim from the Hooker County Tribune for $111.88. Motion carried.
Casey Phillips: yes, Dane Peterson: Abstain (With Conflict), Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 4, no: 0, Absent: 1, Abstain (With Conflict): 1

Motion by Patrick Wright, second by Dane Peterson to approve the invoice from Rutts Mechanical Services for repairs to the Mullen Elementary HVAC System. Motion carried.
Casey Phillips: yes, Dane Peterson: yes, Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 5, no: 0, Absent: 1

Motion by Casey Phillips, second by Dane Peterson to approve the following March claims: Payroll $300,224.30, General Fund $67,957.53, Lunch Fund $6,856.73, and February Activity Fund $10,778.10. Motion carried.
Casey Phillips: yes, Dane Peterson: yes, Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 5, no: 0, Absent: 1

Mrs Hardin introduced seniors Fayth Brown and Mia Flores-Green as her Advanced Biology Students. Both Fayth and Mia walked through their projects and answered questions by the audience.

A public comment session was offered. No public testimony was given.

President Simonson went over the board goals with the board and the audience. Motion by Casey Phillips, second by Michael Stichka to approve the Mullen Board of Education Goals for 2025-2028. Motion carried.
Casey Phillips: yes, Dane Peterson: yes, Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 5, no: 0, Absent: 1

Mr. Kuncl presented the Motion by Patrick Wright, second by Dane Peterson to approve the classified wage scale and the classified positions for the 2025-2026 School Year. Motion carried.
Casey Phillips: yes, Dane Peterson: yes, Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 5, no: 0, Absent: 1

Motion by Casey Phillips, second by Dane Peterson to approve the 2025-2026 contracts with ESU 16 for Special Education-Early Childhood & School Age, Mental Health Services, and Southwest Nebraska Distance Education Network. Motion carried.
Casey Phillips: yes, Dane Peterson: yes, Liza Simonson: yes, Michael Stichka: yes, Mike French: Absent, Patrick Wright: yes
yes: 5, no: 0, Absent: 1

Mr. Phil Hoyt provided the school board with a detailed activities report.

Mr. Mauler provided the school board with a detailed principal report.

Mr. Kvanvig provided the school board with a detailed 6-12 principal report.

Mr. Kuncl provided the board of education with a detailed district report.

Patrick Wright spoke about the 6-12 Building committee meeting and the possibility of upgrading the lights at the 6-12 building.

President Liza Simonson declared the meeting adjourned at 8:29 PM

As soon as next month's meeting notice is posted on the Mullen Public Schools website, an agenda will be available for public inspection on both the school website and on the SPARQ meetings site.

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Chris Kuncl, Recording Secretary

Mullen Public Schools

April Claims 04/14/2025

PAYROLL

Fund	Description	Amount
01	GENERAL FUND	$293,547.55
06	LUNCH FUND	$9,515.87
Total		**$303,063.42**

GENERAL FUND-Hooker County Tribune

Check Number	Payee	Description	Amount
22239	Hooker County Tribune	meeting notices, minutes, claims	$121.11

GENERAL FUND

Check Number	Payee	Description	Amount
22219	Amazon.com PBI	supplies, books	$965.50
22220	AmazonE	supplies	$48.44
22221	American Association of Chemistry Teachers	Hardin membership/subscription renewal	$45.00
22222	At&t	long distance phone service	$111.42
22223	Brett Mauler	cell phone reimb	$75.00
22224	Brett Phipps	mileage	$454.86
22225	Chris Kuncl	cell phone reimb	$100.00
22226	Cody Kessler	mileage	$1,361.59
22227	Consolidated	phone service	$503.72
22228	Cooley Well Drilling & Trenching	blocks for elementary wall	$7,415.00
22229	Crowne Plaza Kearney	NRCSA lodging	$279.90
22230	Custer County Chief	subscription renewal	$70.00
22231	ESU #13	Dining & Dancing event fee	$10.00
22232	ESU #16	Early Childhood,School Age Services, SPED mtg	$19,766.58
22233	Fairfield Inn & Suits	8th grade field trip colleges	$550.00
22234	Flinn Scientific Inc	chemistry class supplies	$118.58
22235	General Fund-petty Cash	misc reimb: postage, SPED supplies, EYH	$212.31
22236	Handyman Hardware	custodial/instructional supplies	$85.35
22237	Hinton's Lock & Alarm	Door reader	$134.50
22238	Hometown Leasing	copier lease contract	$852.90
22240	Hot Lunch Fund	on-duty staff meals	$43.00
22241	Ideal/Bluffs Facility Solutions	custodial supplies	$109.23
22242	KSB School Law PC LLO	attorney fees	$115.50
22243	Kwik Stop	gas, HAL day pizzas	$3,521.48
22244	Laurie Kissire	transportation	$169.58
22245	Lou Cox-Fornander	HAL Day registrations/exp	$434.42
22246	Macke's	supplies	$420.92
22247	Menards - North Platte	classroom, maint supplies	$413.62
22248	Midlands Family Medicine	bus driver physical	$106.00
22249	Midwest Grads	diploma covers/certificates	$188.50
22250	Mike Kvanvig	cell phone reimb	$75.00
22251	Mullen Auto & Diesel LLC	vehicle maint, door reader parts	$253.64
22252	Mullen Motor Co	vehicle battery	$289.99
22253	Nebraska Safety Center @ UNK	Level II T Simonson	$125.00
22254	Nebraska Schoolmasters Club	summer event registration	$300.00
22255	Sandhill Oil Co, Inc	propane	$6,299.43
22256	The Sports Shoppe	Junior High Track Uniforms	$2,894.50
22257	U.S. Bank	classroom resources, travel expense	$1,980.38
22258	Village Of Mullen	utilities 2/20/25-3/24/25	$4,215.72
22259	Wayside Publishing	E-Readers Spanish IV	$72.80
22260	Zeptive Inc	vape detectors	$2,855.00
		TOTAL	**$58,044.36**
		TOTAL GENERAL	**$58,165.47**

LUNCH FUND

Check Number	Payee	Description	Amount
3646	Amazon.com PBI	kitchen bookkeeping, supplies	$384.95
3647	Food Distribution Program	food	$130.50
3648	Macke's	food	$562.66
3649	Neal Oil & Auto Center Inc	thermocoupler for kitchen stove	$24.95
3650	Nebraska School Nutrition Association	Coetzee State Conference	$275.00
3651	Sysco Lincoln	food & supplies	$4,971.29
		TOTAL	**$6,349.35**

Activity Detail Report

SELECTED Data

Date Range: 03/01/2025 thru 03/31/2025

Arranged by:
Group ID, Activity Number

Group ID and Description	Activity Number and Name	Reporting ID and Description	Sponsor
A GENERAL FUND			
	210 MISCELLANEOUS		

Expenditures

Date	PO Number	Check	Vendor	Description	Amount
03/04/2025		007187	PAM GINKENS	replenish HS postage petty cash	33.43
03/05/2025		007188	WALMART Community /RFCSLLC	SPED IEP meeting lunch supplies	52.88
03/17/2025		007189	MID PLAINS COMMUNITY COLLEGE	EYH 2025	126.00
				Expenditures Total:	212.31

Activity and Budget Totals

Beginning Balance	0.00
Receipts	0.00
Expenditures	212.31
Adjustments	0.00
Cash Balance	-212.31
Outstanding POs	0.00
Unencumbered Balance	-212.31

Group Totals

Beginning Balance	0.00
Receipts	0.00
Expenditures	212.31
Adjustments	0.00
Cash Balance	-212.31
Outstanding POs	0.00
Unencumbered Balance	-212.31

Mullen Public Schools

Cash Summary Report March 2025

Fund	Description	Beginning Balance	Revenue	Expenditure	interfund transfer	Ending Balance
01	GENERAL FUND	$1,966,979.22	$169,578.57	($358,909.77)	($25,000.00)	$1,752,648.02
02	DEPRECIATION FUND	$336,671.29	$929.30			$337,600.59
03	EMPLOYEE BENEFIT FUND	$78,707.81	$217.26			$78,925.07
06	LUNCH FUND	$11,879.88	$7,943.29	($16,240.67)	$25,000.00	$28,582.50
08	SPECIAL BUILDING FUND	$451,937.79	$1,247.47			$453,185.26
05	ACTIVITY FUND	$249,173.76	$3,586.22	($16,624.43)		$236,135.55
	PETTY CASH FUND	$11,915.24	$1,979.59	($1,381.56)		$12,513.27
	CAFETERIA PLAN	$5,897.01	$744.15			$6,641.16
		$3,113,162.00	**$186,225.85**	**($393,156.43)**	**$0.00**	**$2,906,231.42**

County Treasurer's Report April 2025 Receipts (March collections)

	GENERAL
HOOKER	$21,556.40
CHERRY	$34,125.48
THOMAS	$207.72
TOTAL	**$55,889.60**

Cash Summary Report YTD 2024-2025

Fund	Description	Beginning Balance	Revenue	Expenditure	interfund transfer	Ending Balance
01	GENERAL FUND	$1,484,509.70	$2,912,304.47	($2,589,166.15)	($55,000.00)	$1,752,648.02
02	DEPRECIATION FUND	$398,495.65	$7,519.94	($68,415.00)		$337,600.59
03	EMPLOYEE BENEFIT FUND	$77,297.94	$1,627.13	$0.00		$78,925.07
06	LUNCH FUND	$29,413.15	$62,792.65	($118,623.30)	$55,000.00	$28,582.50
08	SPECIAL BUILDING FUND	$443,842.34	$9,342.92	$0.00		$453,185.26
05	ACTIVITY FUND	$244,004.29	$104,546.62	($112,415.36)		$236,135.55
	PETTY CASH FUND	$5,612.44	$16,577.67	($9,676.84)		$12,513.27
	CAFETERIA PLAN	$6,481.52	$5,241.69	($5,082.05)		$6,641.16
		$2,689,657.03	**$3,119,953.09**	**($2,903,378.70)**	**$0.00**	**$2,906,231.42**

Mullen Public Schools

Rollup Report

Cycle: FY24-25; 1st Detail Element: FUND; 1st Detail Level: None; 2nd Detail Element: FUNCTION; 2nd Detail Level: None; 3rd Detail Element: None; 3rd Detail Level: None; 4th Detail Element: None; 4th Detail Level: None; 5th Detail Element: None; 5th Detail Level: None; Account Expression: ([FUND] <> "05") AND ([FUNCTION] >= "01100") ; 1st Subtotal Element: FUND; 1st Subtotal Rollup Level: None; 2nd Subtotal Element: None; 2nd Subtotal Rollup Level: None; 3rd Subtotal Element: None; 3rd Subtotal Rollup Level: None; 4th Subtotal Element: None; 4th Subtotal Rollup Level: None; 5th Subtotal Element: None; 5th Subtotal Rollup Level: None; Begin Date: 04/01/2025; End Date: 04/30/2025; Subtotal on Account Type: Yes; Include Encumbrances: Yes

FUND	FUNCTION	Actuals (Selected Range)	Adopted Budget	Current Budget	Actuals (YTD)	Encumbrances (YTD)	Available	% of Budget
01 - GENERAL FUND	01100 - Regular Instruction	$169,906.39	$1,986,896.97	$1,986,896.97	$1,303,622.17	$19,823.05	$663,451.75	65.61
01 - GENERAL FUND	01200 - SPED Instruction School Age	$36,714.98	$395,140.58	$395,140.58	$307,094.08	$927.45	$87,119.05	77.72
01 - GENERAL FUND	02110 - Attendance & Social Work Services	$0.00	$15,694.75	$15,694.75	$10,115.06	$0.00	$5,579.69	64.45
01 - GENERAL FUND	02120 - Guidance Services	$5,653.43	$78,743.10	$78,743.10	$47,186.75	$0.00	$31,556.35	59.92
01 - GENERAL FUND	02130 - Health Services	$0.00	$8,500.00	$8,500.00	$737.38	$0.00	$7,762.62	8.68
01 - GENERAL FUND	02140 - Psychological Services regular education	$0.00	$60,000.00	$60,000.00	$7,152.80	$0.00	$52,847.20	11.92
01 - GENERAL FUND	02141 - Psychological Services SPED school age	$3,018.32	$27,431.00	$27,431.00	$18,051.48	$0.00	$9,379.52	65.81
01 - GENERAL FUND	02151 - Speech Pathology/Audiology SPED School Age	$2,100.25	$68,345.00	$68,345.00	$50,701.75	$0.00	$17,643.25	74.19
01 - GENERAL FUND	02161 - Occupational Therapy SPED School Age	$1,741.12	$13,930.00	$13,930.00	$12,187.84	$0.00	$1,742.16	87.49
01 - GENERAL FUND	02171 - Physical Therapy SPED school age	$730.50	$5,844.00	$5,844.00	$5,113.50	$0.00	$730.50	87.50
01 - GENERAL FUND	02190 - Support Services Non-SPED	$80.61	$39,600.00	$39,600.00	$11,768.55	$0.00	$27,831.45	29.72
01 - GENERAL FUND	02210 - Improvement of Instruction	$150.71		$0.00	$503.56	$0.00	($503.56)	
01 - GENERAL FUND	02211 - School Improvement	$261.64		$0.00	$542.35	$0.00	($542.35)	
01 - GENERAL FUND	02213 - Instructional Staff Training	$0.00	$6,229.50	$6,229.50	$5,803.37	$1,065.00	($638.87)	93.16
01 - GENERAL FUND	02220 - Library/Media Services	$3,363.17	$71,601.88	$71,601.88	$28,840.34	$118.81	$42,642.73	40.28
01 - GENERAL FUND	02224 - Educational Television Services	$0.00	$24,000.00	$24,000.00	$0.00	$0.00	$24,000.00	0.00
01 - GENERAL FUND	02230 - Instruction Related Technology	$3,769.72	$73,629.46	$73,629.46	$31,389.22	$0.00	$42,240.24	42.63
01 - GENERAL FUND	02240 - Academic Student Assessment (not teacher initiated)	$0.00		$0.00	$1,575.00	$0.00	($1,575.00)	
01 - GENERAL FUND	02310 - Board of Education	$171.11	$355,243.58	$355,243.58	$27,067.24	$0.00	$328,176.34	7.62
01 - GENERAL FUND	02320 - Executive Administration	$15,618.97	$200,165.66	$200,165.66	$126,353.90	$0.00	$73,811.76	63.12
01 - GENERAL FUND	02330 - District Legal Services	$115.50	$25,000.00	$25,000.00	$2,220.50	$0.00	$22,779.50	8.88
01 - GENERAL FUND	02410 - Office of the Principal	$30,368.58	$353,834.00	$353,834.00	$249,963.30	$211.52	$103,659.18	70.64
01 - GENERAL FUND	02490 - School Administration-Other	$819.57	$43,156.50	$43,156.50	$4,707.34	$0.00	$38,449.16	10.91
01 - GENERAL FUND	02510 - Fiscal Services	$9,564.55	$146,266.66	$146,266.66	$101,611.12	$23.79	$44,631.75	69.47
01 - GENERAL FUND	02570 - Personnel Services	$0.00		$0.00	$482.66	$0.00	($482.66)	
01 - GENERAL FUND	02580 - Administrative Technology Services	$753.95	$9,938.61	$9,938.61	$6,028.25	$0.00	$3,910.36	60.65
01 - GENERAL FUND	02610 - Operation of Buildings/Custodial	$11,476.77	$240,600.00	$240,600.00	$119,367.01	$0.00	$121,232.99	49.61
01 - GENERAL FUND	02620 - Maintenance of Buildings	$17,814.29	$352,684.00	$352,684.00	$220,712.49	$0.00	$131,971.51	62.58
01 - GENERAL FUND	02630 - Grounds Care/Upkeep	$7,541.35	$18,200.00	$18,200.00	$19,812.66	$0.00	($1,612.66)	108.86

Mullen Public Schools

Rollup Report

FUND	FUNCTION	Actuals (Selected Range)	Adopted Budget	Current Budget	Actuals (YTD)	Encumbrances (YTD)	Available	% of Budget
01 - GENERAL FUND	02650 - Vehicle Operation/Maint/Purchase (non student transport)	$520.38		$0.00	$2,815.62	$0.00	($2,815.62)	
01 - GENERAL FUND	02660 - Security	$16.30	$8,000.00	$8,000.00	$2,292.47	$0.00	$5,707.53	28.66
01 - GENERAL FUND	02670 - Safety	$2,855.00	$5,999.02	$5,999.02	$5,450.17	$0.00	$548.85	90.85
01 - GENERAL FUND	02710 - Vehicle Operation/Purchase - Regular Education	$14,676.93	$244,456.94	$244,456.94	$116,918.57	$0.00	$127,538.37	47.83
01 - GENERAL FUND	02730 - Vehicle Service/Maint Regular Education	$416.98	$15,000.00	$15,000.00	$7,173.46	$0.00	$7,826.54	47.82
01 - GENERAL FUND	03535 - High Ability Learners	$1,565.31	$3,500.00	$3,500.00	$2,625.18	$0.00	$874.82	75.01
01 - GENERAL FUND	06200 - Title I Part A	$0.00	$42,983.51	$42,983.51	$34,377.35	$0.00	$8,606.16	79.98
01 - GENERAL FUND	06406 - IDEA Preschool (619) Base Allocation	$0.00	$1,600.00	$1,600.00	$1,553.00	$0.00	$47.00	97.06
01 - GENERAL FUND	06408 - IDEA Part B(611) Base/Enrollment Poverty Age 0-21	$9,926.64	$36,200.00	$36,200.00	$31,933.48	$0.00	$4,266.52	88.21
01 - GENERAL FUND	06969 - Title IV Part A ESEA/ESSA SSAE Grant	$0.00	$10,000.00	$10,000.00	$10,000.00	$0.00	$0.00	100.00
01 - GENERAL FUND	06992 - REAP	$0.00	$42,400.00	$42,400.00	$4,688.20	$0.00	$37,711.80	11.06
01 - GENERAL FUND	08000 - Transfers-Outgoing	$0.00	$70,000.00	$70,000.00	$0.00	$0.00	$70,000.00	0.00
01 - GENERAL FUND	09005 - Non Program Expenditures	$0.00		$0.00	$55,000.00	$0.00	($55,000.00)	
Subtotal of Account Type: Expenditure		**$351,713.02**	**$5,100,814.72**	**$5,100,814.72**	**$2,995,539.17**	**$22,169.62**	**$2,083,105.93**	
Subtotal of Element: [FUND] 01 - GENERAL FUND		**$351,713.02**	**$5,100,814.72**	**$5,100,814.72**	**$2,995,539.17**	**$22,169.62**	**$2,083,105.93**	
02 - DEPRECIATION FUND	02900 - Other Support Services	$0.00	$554,293.43	$554,293.43	$68,415.00	$0.00	$485,878.43	12.34
Subtotal of Account Type: Expenditure		**$0.00**	**$554,293.43**	**$554,293.43**	**$68,415.00**	**$0.00**	**$485,878.43**	
Subtotal of Element: [FUND] 02 - DEPRECIATION FUND		**$0.00**	**$554,293.43**	**$554,293.43**	**$68,415.00**	**$0.00**	**$485,878.43**	
03 - EMPLOYEE BENEFIT FUND (unemplo	02900 - Other Support Services	$0.00	$78,734.02	$78,734.02	$0.00	$0.00	$78,734.02	0.00
Subtotal of Account Type: Expenditure		**$0.00**	**$78,734.02**	**$78,734.02**	**$0.00**	**$0.00**	**$78,734.02**	
Subtotal of Element: [FUND] 03 - EMPLOYEE BENEFIT FUND (unemplo		**$0.00**	**$78,734.02**	**$78,734.02**	**$0.00**	**$0.00**	**$78,734.02**	
06 - LUNCH FUND	03100 - Food Service Operations	$15,865.22	$165,743.23	$165,743.23	$134,488.52	$0.00	$31,254.71	81.14
Subtotal of Account Type: Expenditure		**$15,865.22**	**$165,743.23**	**$165,743.23**	**$134,488.52**	**$0.00**	**$31,254.71**	
Subtotal of Element: [FUND] 06 - LUNCH FUND		**$15,865.22**	**$165,743.23**	**$165,743.23**	**$134,488.52**	**$0.00**	**$31,254.71**	
08 - SPECIAL BUILDING FUND	04700 - Building Improvements	$0.00	$453,604.32	$453,604.32	$0.00	$0.00	$453,604.32	0.00
Subtotal of Account Type: Expenditure		**$0.00**	**$453,604.32**	**$453,604.32**	**$0.00**	**$0.00**	**$453,604.32**	
Subtotal of Element: [FUND] 08 - SPECIAL BUILDING FUND		**$0.00**	**$453,604.32**	**$453,604.32**	**$0.00**	**$0.00**	**$453,604.32**	

Mullen Public Schools

Rollup Report

FUND	FUNCTION	Actuals (Selected Range)	Adopted Budget	Current Budget	Actuals (YTD)	Encumbrances (YTD)	Available	% of Budget
Grand Total		**$367,578.24**	**$6,353,189.72**	**$6,353,189.72**	**$3,198,442.69**	**$22,169.62**	**$3,132,577.41**	

Check Summary

Sorted by Check Number.
From 03/01/2025 to 03/31/2025.

Check Number	Site ID	Status	Check / Void Date	Vendor Name	PO Number	Invoice No.#	Description	Amount
002EFT	Mullen	Printed	03/10/2025	PEPSI COLA OF WESTERN NE		50703	HS pop	41.70
02EFT	Mullen	Printed	03/10/2025	PEPSI COLA OF WESTERN NE		50702	concession pop	517.95
039219	Mullen	Void	03/26/2025	Indee Innovations LLC		1023	wrestling clocks USB switches	-549.96
039283	Mullen	Printed	03/05/2025	Amazon Capital Services, Inc	A25-029	1YVK	ELEVATE dollars Melody McDowell chair	186.97
039284	Mullen	Printed	03/05/2025	Harco Athletic Reconditioning Inc		30455	FB helmets, recondition, equipment	1,863.00
039285	Mullen	Printed	03/05/2025	STAPLETON PUBLIC SCHOOLS		QB 3/6/2025	Quiz Bowl entry fee & pizzas	58.00
039286	Mullen	Printed	03/05/2025	MAXWELL PUBLIC SCHOOLS		5/8/2025	speech entry fee	115.00
039287	Mullen	Printed	03/05/2025	Walmart Community - Capital One		637663	FCCLA supplies	204.27
039288	Mullen	Printed	03/05/2025	4J Designs		0115	GBB printing & customization	264.00
039289	Mullen	Printed	03/05/2025	HYANNIS AREA SCHOOLS		2/24/25	BBB Subdistrict streaming	25.00
039290	Mullen	Printed	03/05/2025	Mellissa Donohoe		ELEVATE 2023-24	2023-2024 ELEVATE Incentive reimb	165.00
039291	Mullen	Printed	03/05/2025	CALLAWAY PUBLIC SCHOOLS		QB 2/26/25	Quiz Bowl entry fee	25.00
039292	Mullen	Printed	03/05/2025	SAMS CLUB/Synchrony Bank		6528	vending supplies	698.34
039294	Mullen	Printed	03/05/2025	Candlewood Suites Omaha Airport		folio 109468	State Wrestling lodging	2,451.00
039295	Mullen	Printed	03/10/2025	MIKE BROWN		2023-2024 ELEVATE	2023-2024 ELEVATE Incentive reimb	165.00
039296	Mullen	Printed	03/10/2025	Katie Crisp		2023-2024 ELEVATE	2023-2024 ELEVATE Incentive reimb	165.00
039297	Mullen	Printed	03/10/2025	Graduate Lincoln		3224093782	State GBB coach lodging (Edis)	298.00
039298	Mullen	Printed	03/10/2025	PAM GINKENS		2023-2024 ELEVATE	2023-2024 ELEVATE Incentive reimb	164.95
039299	Mullen	Printed	03/10/2025	Nebraska Strength Coaches Organization		Gracey(2)	2025 Clinic Registration Nikki & Tyler Gracey	270.00
039300	Mullen	Printed	03/10/2025	SAMS CLUB/Synchrony Bank		6528 3/8/25	supplies	111.43
039301	Mullen	Printed	03/10/2025	Kwik Stop		February 2025	pizza with the principal	59.96
039302	Mullen	Printed	03/10/2025	MACKES GROCERY		1930 February	supplies	860.81
039303	Mullen	Printed	03/10/2025	U.S. Bank		February 2025	T Kvanvig coach's pass state wrestling	701.80
039304	Mullen	Printed	03/10/2025	Brandon Boyer		Winter 2025	Winter Sports Activity help-THANK YOU!	240.00
039305	Mullen	Printed	03/10/2025	Lane Edis		Winter 2025	Winter Sports Activity help-THANK YOU!	25.00
039306	Mullen	Printed	03/10/2025	MARK EWOLDT		Winter 2025	Winter Sports Activity help-THANK YOU!	132.00
039307	Mullen	Printed	03/10/2025	Jeff Forsen		Winter 2025	Winter Sports Activity help-THANK YOU!	60.00
039308	Mullen	Printed	03/10/2025	Trevor Kuncl		Winter 2025	Winter Sports Activity help-THANK YOU!	25.00
039309	Mullen	Printed	03/10/2025	MITCHELL PFEIFFER		Winter 2025	Winter Sports Activity help-THANK YOU!	60.00

Check Summary

Sorted by Check Number.
From 03/01/2025 to 03/31/2025.

Check Number	Site ID	Status	Check / Void Date	Vendor Name	PO Number	Invoice No.#	Description	Amount
039310	Mullen	Printed	03/10/2025	LARRY RIDENOUR		Winter 2025	Winter Sports Activity help-THANK YOU!	252.00
039311	Mullen	Printed	03/10/2025	Ryan Ridenour		Winter 2025	Winter Sports Activity help-THANK YOU!	108.00
039312	Mullen	Printed	03/10/2025	Tell Spies		Winter 2025	Winter Sports Activity help-THANK YOU!	25.00
039313	Mullen	Printed	03/10/2025	Matthew Stichka		Winter 2025	Winter Sports Activity help-THANK YOU!	200.00
039314	Mullen	Printed	03/10/2025	Tony Spurlin		Winter 2025	Winter Sports Activity help-THANK YOU!	60.00
039315	Mullen	Printed	03/10/2025	Daniel Young		Winter 2025	Winter Sports Activity help-THANK YOU!	294.00
039316	Mullen	Printed	03/17/2025	4J Designs		000125	boys golf hoodies	52.00
039317	Mullen	Printed	03/17/2025	Bo Cribelli		2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	162.50
039318	Mullen	Printed	03/17/2025	MSD Business Class		Bronco Bites	scotcharoos- concession stand winter sports	430.00
039319	Mullen	Printed	03/17/2025	Callaway Public Schools FCCLA		0014	District 10 lunch-eval,consult,advisors	290.00
039320	Mullen	Printed	03/17/2025	Leanne Dekay		2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	165.00
039321	Mullen	Printed	03/17/2025	Nebraska FCCLA		STAR trophy 2025	STAR trophy	50.00
039322	Mullen	Printed	03/17/2025	Nebraska Educators Rising		SLC2558	SLC2025 registration, tshirts	1,714.00
039323	Mullen	Printed	03/17/2025	Maxwell Leadership Foundation	A25-032	3719	Ag Leadership Curriculum-Habitudes	499.00
039324	Mullen	Printed	03/17/2025	Beth Rice		2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	165.00
039325	Mullen	Printed	03/17/2025	Ron Taylor		2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	99.99
039326	Mullen	Printed	03/17/2025	Stacey Vinton		2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	165.00
039327	Mullen	Printed	03/17/2025	WADE MARSH		2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	165.00
039328	Mullen	Printed	03/17/2025	Mcpherson County Improvement Club		3/21/2025	quiz bowl pizzas	40.00
039329	Mullen	Printed	03/17/2025	Kelli Walz		2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	150.00
039330	Mullen	Printed	03/17/2025	Kelley Carr		2023-2024 ELEVATE	2023-2024 ELEVATE Incentive reimb	150.95
039333	Mullen	Printed	03/18/2025	Nebraska FCCLA		1284	Peer Ed Registration (8)	240.00
039334	Mullen	Printed	03/18/2025	Ord Volleyball		July 2025	down payment VB River Run Team Camp	100.00
039335	Mullen	Printed	03/26/2025	Indee Innovations LLC	A25-021	1023 replace lost check 039219	start/stop switches clocks	549.96
039336	Mullen	Printed	03/26/2025	4J Designs		000134	FFA pullovers/stitching, golf polos stitching	134.00
039337	Mullen	Printed	03/26/2025	District IX FFA		29	2024-2025 District dues additional	150.00
039338	Mullen	Printed	03/26/2025	Hershey Public Schools		3/28/2025 Track	Hershey NPSP track entry fee	150.00
039339	Mullen	Printed	03/26/2025	J & T Fundraising		563	fundraiser for Alaska trip	347.50

Check Summary

Sorted by Check Number.
From 03/01/2025 to 03/31/2025.

Check Number	Site ID	Status	Check / Void Date	Vendor Name	PO Number	Invoice No.#	Description	Amount
039340	Mullen	Printed	03/26/2025	STAPLETON PUBLIC SCHOOLS		3/31/2025 Golf Meet	Sandhills Valley golf entry fee	55.00
039341	Mullen	Printed	03/26/2025	Stuart Public School		3/18/25 D2-4 Dist Speech	District speech contest expense share	256.31
039342	Mullen	Unissued	03/26/2025				left in printer	0.00
09331	Mullen	Unissued	03/17/2025				left in printer	0.00
09332	Mullen	Unissued	03/17/2025				left in printer	0.00
							Report Total:	16,624.43

Check Detail

Sorted by Check Number, Site ID.
From 03/01/2025 to 03/31/2025.

Check # / Status	Issue Date / Status Date	Vendor Name / Site ID	1099?	Invoice Number / Activity ID	Creator / Description	Approver	Printer / PO Number / Activity Name	Amount
002EFT	03/10/2025	PEPSI COLA OF WESTERN NE			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	50703	HS pop			
		0425		Pepsi Cola				41.70
02EFT	03/10/2025	PEPSI COLA OF WESTERN NE			Pam Ginkens	Pam Ginkens		
Printed	03/10/2025	Mullen	No	50702	concession pop			
		0400		CONCESSIONS				517.95
039219	12/17/2024	Indee Innovations LLC			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Void	03/26/2025	Mullen	No	1023	wrestling clocks USB switches			
		0130		Wrestling Clocks				-549.96
039283	03/05/2025	Amazon Capital Services, Inc			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	1YVK	ELEVATE dollars Melody McDowell chair			
	A25-029	0455		ELEVATE				159.99
039283	03/05/2025	Amazon Capital Services, Inc			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	GPJK	Mullen Markings supplies (magnets)			
	A25-033	1020		Mullen Markings (Engraving Business)				26.98
039284	03/05/2025	Harco Athletic Reconditioning Inc			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	30455	FB helmets, recondition, equipment			
		5002		Football				1,863.00
039285	03/05/2025	STAPLETON PUBLIC SCHOOLS			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	QB 3/6/2025	Quiz Bowl entry fee & pizzas			
		1520		Quiz Bowl				58.00
039286	03/05/2025	MAXWELL PUBLIC SCHOOLS			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	5/8/2025	speech entry fee			
		5013		Speech				115.00
039287	03/05/2025	Walmart Community - Capital One			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	637663	FCCLA supplies			
		0500		FCCLA--LOCAL				204.27
039288	03/05/2025	4J Designs			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	115	BBB managers/coaches embroidery			
		1807		Bronco Basketball				108.00
039288	03/05/2025	4J Designs			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	0115	GBB printing & customization			
		5006		Girls Basketball				156.00
039289	03/05/2025	HYANNIS AREA SCHOOLS			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	2/24/25	BBB Subdistrict streaming			
		0300		Media				25.00
039290	03/05/2025	Mellissa Donohoe			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	ELEVATE 2023-24	2023-2024 ELEVATE Incentive reimb			
		0455		ELEVATE				165.00
039291	03/05/2025	CALLAWAY PUBLIC SCHOOLS			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/05/2025	Mullen	No	QB 2/26/25	Quiz Bowl entry fee			

Check Detail

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From 03/01/2025 to 03/31/2025.

Check # / Status	Issue Date / Status Date	Vendor Name / Site ID	1099?	Invoice Number	Creator / Approver / Printer	Description	Amount
	PO Number	Activity ID	Activity Name				
		1520	Quiz Bowl				25.00
039292	03/05/2025	SAMS CLUB/Synchrony Bank			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/05/2025	Mullen	No	6528		concession & vending supplies	
		0400	CONCESSIONS				157.72
		0430	Vending Machine				171.64
							329.36
039292	03/05/2025	SAMS CLUB/Synchrony Bank			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/05/2025	Mullen	No	6528		vending supplies	
		0430	Vending Machine				260.48
039292	03/05/2025	SAMS CLUB/Synchrony Bank			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/05/2025	Mullen	No	6528		speech travel/practice treats	
	A25-031	1825	Bronco Speech				108.50
	A25-031	5013	Speech				-108.50
	A25-031	5013	Speech				108.50
							108.50
039294	03/05/2025	Candlewood Suites Omaha Airport			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/05/2025	Mullen	No	folio 109468		State Wrestling lodging	
		5000	NSAA Activities				387.00
		5008	Wrestling				2,064.00
							2,451.00
039295	03/10/2025	MIKE BROWN			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/10/2025	Mullen	No	2023-2024 ELEVATE		2023-2024 ELEVATE Incentive reimb	
		0455	ELEVATE				165.00
039296	03/10/2025	Katie Crisp			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/10/2025	Mullen	No	2023-2024 ELEVATE		2023-2024 ELEVATE Incentive reimb	
		0455	ELEVATE				165.00
039297	03/10/2025	Graduate Lincoln			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/10/2025	Mullen	No	3224093782		State GBB coach lodging (Edis)	
		5006	Girls Basketball				298.00
039298	03/10/2025	PAM GINKENS			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/10/2025	Mullen	No	2023-2024 ELEVATE		2023-2024 ELEVATE Incentive reimb	
		0455	ELEVATE				164.95
039299	03/10/2025	Nebraska Strength Coaches			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/10/2025	Mullen	No	Gracey(2)		2025 Clinic Registration Nikki & Tyler Gracey	
		5000	NSAA Activities				270.00
039300	03/10/2025	SAMS CLUB/Synchrony Bank			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/10/2025	Mullen	No	6528 3/8/25		supplies	
		0400	CONCESSIONS				111.43
039301	03/10/2025	Kwik Stop			Pam Ginkens / Pam Ginkens / Pam Ginkens		
Printed	03/10/2025	Mullen	No	February 2025		pizza with the principal	
		1125	ELEMENTARY ACTIVITIES				59.96

Check Detail

Sorted by Check Number, Site ID.
From 03/01/2025 to 03/31/2025.

Check # / Status	Issue Date / Status Date / PO Number	Vendor Name / Site ID / Activity ID	1099?	Invoice Number / Activity Name	Creator / Description	Approver	Printer	Amount
039302	03/10/2025	MACKES GROCERY			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	1928 February	concession supplies			
		0400		CONCESSIONS				719.34
039302	03/10/2025	MACKES GROCERY			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	1930 February	supplies			
		0500		FCCLA--LOCAL				60.34
039302	03/10/2025	MACKES GROCERY			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	1938 February	hospitality, state snacks, NHS teacher gifts			
		1500		NATIONAL HONOR SOCIETY				33.00
		1808		Bronco Wrestling				37.79
		5006		Girls Basketball				10.34
								81.13
039303	03/10/2025	U.S. Bank			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	February 2025	FCCLA STAR registration (2)			
		0500		FCCLA--LOCAL				50.00
039303	03/10/2025	U.S. Bank			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	February 2025	hobby lobby purchase art club			
		1600		ART CLUB				46.76
039303	03/10/2025	U.S. Bank			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	February 2025	dist wrestling lodging			
		1808		Bronco Wrestling				542.64
039303	03/10/2025	U.S. Bank			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	No	February 2025	T Kvanvig coach's pass state wrestling			
		5008		Wrestling				62.40
039304	03/10/2025	Brandon Boyer			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!			
		5000		NSAA Activities				240.00
039305	03/10/2025	Lane Edis			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!			
		5060		Officials				25.00
039306	03/10/2025	MARK EWOLDT			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!			
		5000		NSAA Activities				132.00
039307	03/10/2025	Jeff Forsen			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!			
		5000		NSAA Activities				60.00
039308	03/10/2025	Trevor Kuncl			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!			
		5060		Officials				25.00
039309	03/10/2025	MITCHELL PFEIFFER			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!			
		5000		NSAA Activities				60.00

Check Detail

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From 03/01/2025 to 03/31/2025.

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039310	03/10/2025	LARRY RIDENOUR			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!	
		5000	NSAA Activities			252.00
039311	03/10/2025	Ryan Ridenour			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!	
		5000	NSAA Activities			108.00
039312	03/10/2025	Tell Spies			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!	
		5060	Officials			25.00
039313	03/10/2025	Matthew Stichka			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!	
		5060	Officials			200.00
039314	03/10/2025	Tony Spurlin			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!	
		5000	NSAA Activities			60.00
039315	03/10/2025	Daniel Young			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/10/2025	Mullen	Yes	Winter 2025	Winter Sports Activity help-THANK YOU!	
		5000	NSAA Activities			144.00
		5060	Officials			150.00
						294.00
039316	03/17/2025	4J Designs			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/17/2025	Mullen	No	000125	boys golf hoodies	
		1811	Bronco Boys Golf			52.00
039317	03/17/2025	Bo Cribelli			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	
		0455	ELEVATE			162.50
039318	03/17/2025	MSD Business Class			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/17/2025	Mullen	No	Bronco Bites	scotcharoos- concession stand winter sports	
		0400	CONCESSIONS			430.00
039319	03/17/2025	Callaway Public Schools FCCLA			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/17/2025	Mullen	No	0014	District 10 lunch-eval,consult,advisors	
		0510	FCCLA--DISTRICT 10			290.00
039320	03/17/2025	Leanne Dekay			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb	
		0455	ELEVATE			165.00
039321	03/17/2025	Nebraska FCCLA			Pam Ginkens / Pam Ginkens / Pam Ginkens	
Printed	03/17/2025	Mullen	No	STAR trophy 2025	STAR trophy	
		0510	FCCLA--DISTRICT 10			50.00

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039322	03/17/2025	Nebraska Educators Rising			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	SLC2558	SLC2025 registration, tshirts			
		0500 FCCLA--LOCAL						1,714.00
039323	03/17/2025	Maxwell Leadership Foundation			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	3719	Ag Leadership Curriculum-Habitudes			
	A25-032	2200 TURNER FOUNDATION						499.00
039324	03/17/2025	Beth Rice			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb			
		0455 ELEVATE						165.00
039325	03/17/2025	Ron Taylor			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb			
		0455 ELEVATE						99.99
039326	03/17/2025	Stacey Vinton			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb			
		0455 ELEVATE						165.00
039327	03/17/2025	WADE MARSH			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb			
		0455 ELEVATE						165.00
039328	03/17/2025	Mcpherson County Improvement Club			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	3/21/2025	quiz bowl pizzas			
		1520 Quiz Bowl						40.00
039329	03/17/2025	Kelli Walz			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE Incentive	2023-2024 ELEVATE Incentive reimb			
		0455 ELEVATE						150.00
039330	03/17/2025	Kelley Carr			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/17/2025	Mullen	No	2023-2024 ELEVATE	2023-2024 ELEVATE Incentive reimb			
		0455 ELEVATE						150.95
039333	03/18/2025	Nebraska FCCLA			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/18/2025	Mullen	No	1284	Peer Ed Registration (8)			
		0500 FCCLA--LOCAL						240.00
039334	03/18/2025	Ord Volleyball			Pam Ginkens	Pam Ginkens	Pam Ginkens	
Printed	03/18/2025	Mullen	No	July 2025	down payment VB River Run Team Camp			
		1805 Lady Bronco Volleyball Club						100.00

Check Detail

Sorted by Check Number, Site ID.
From 03/01/2025 to 03/31/2025.

Check # / Status	Issue Date / Status Date	Vendor Name / Site ID	1099?	Invoice Number / Activity Name	Creator / Description	Approver	Printer / Amount
039335	03/26/2025	Indee Innovations LLC			Pam Ginkens	Pam Ginkens	Pam Ginkens
Printed	03/26/2025	Mullen	No	1023 replace lost check 039219	start/stop switches clocks		
	A25-021	0130		Wrestling Clocks			499.96
	A25-021	0130		Wrestling Clocks			50.00
							549.96
039336	03/26/2025	4J Designs			Pam Ginkens	Pam Ginkens	Pam Ginkens
Printed	03/26/2025	Mullen	No	000134	FFA pullovers/stitching, golf polos stitching		
	1050			FFA			94.00
	1811			Bronco Boys Golf			40.00
							134.00
039337	03/26/2025	District IX FFA			Pam Ginkens	Pam Ginkens	Pam Ginkens
Printed	03/26/2025	Mullen	No	29	2024-2025 District dues additional		
	1050			FFA			150.00
039338	03/26/2025	Hershey Public Schools			Pam Ginkens	Pam Ginkens	Pam Ginkens
Printed	03/26/2025	Mullen	No	3/28/2025 Track	Hershey NPSP track entry fee		
	5009			Track & Field			150.00
039339	03/26/2025	J & T Fundraising			Pam Ginkens	Pam Ginkens	Pam Ginkens
Printed	03/26/2025	Mullen	No	563	fundraiser for Alaska trip		
	1550			SCIENCE FIELD TRIP			347.50
039340	03/26/2025	STAPLETON PUBLIC SCHOOLS			Pam Ginkens	Pam Ginkens	Pam Ginkens
Printed	03/26/2025	Mullen	No	3/31/2025 Golf Meet	Sandhills Valley golf entry fee		
	5011			Boys Golf			55.00
039341	03/26/2025	Stuart Public School			Pam Ginkens	Pam Ginkens	Pam Ginkens
Printed	03/26/2025	Mullen	No	3/18/25 D2-4 Dist Speech	District speech contest expense share		
	5013			Speech			256.31
039342	03/26/2025						
Unissued	03/26/2025	Mullen	No		left in printer		
	Unissued			Unissued			0.00
09331	03/17/2025						
Unissued	03/17/2025	Mullen	No		left in printer		
	Unissued			Unissued			0.00
09332	03/17/2025						
Unissued	03/17/2025	Mullen	No		left in printer		
	Unissued			Unissued			0.00

Grand Total : 16,624.43

Current Cash Balance

Sorted by Site ID, Group ID, Activity ID; Filtered by Group.

From 03/01/2025 to 03/31/2025.

Site ID Site Name

Group ID Group Name

Activity ID	Activity Name	Beginning Cash	Receipts	Disbursements	Adjustments	Cash Balance
Mullen	Mullen Public Schools Activities Fund					
A	ACTIVITIES					
0100	Fund Transfers In	0.00	0.00	0.00	0.00	0.00
0120	Hill Top Gym & Weight Room	17,078.03	0.00	0.00	0.00	17,078.03
0130	Wrestling Clocks	350.04	0.00	0.00	0.00	350.04
0175	Doug Young Memorial	5,064.16	0.00	0.00	0.00	5,064.16
0180	Dan Brost Memorial	1,925.85	0.00	0.00	0.00	1,925.85
0185	Chuck Hafer Memorial	746.96	0.00	0.00	0.00	746.96
0190	Keith Saults Memorial	10,022.85	0.00	0.00	0.00	10,022.85
0195	Lee Isom Memorial	730.00	0.00	0.00	0.00	730.00
0250	Banking	15,123.53	683.66	0.00	0.00	15,807.19
0300	Media	11,521.26	41.18	25.00	0.00	11,537.44
0400	CONCESSIONS	16,068.75	128.50	1,936.44	63.00	14,323.81
0425	Pepsi Cola	7,851.74	0.00	41.70	-63.00	7,747.04
0430	Vending Machine	1,145.52	273.91	432.12	0.00	987.31
0450	Wellness	2,101.33	0.00	0.00	0.00	2,101.33
0455	ELEVATE	9,850.68	0.00	2,043.38	0.00	7,807.30
0500	FCCLA--LOCAL	4,477.19	0.00	2,268.61	0.00	2,208.58
0510	FCCLA--DISTRICT 10	2,825.61	0.00	340.00	0.00	2,485.61
0520	FCCLA--NATIONAL	-112.95	0.00	0.00	0.00	-112.95
0724	Class of 2024	0.00	0.00	0.00	0.00	0.00
0725	Class of 2025	1,422.16	0.00	0.00	0.00	1,422.16
0726	Class of 2026	5,642.89	0.00	0.00	0.00	5,642.89
0727	Class of 2027	4,874.25	0.00	0.00	0.00	4,874.25
0728	Class of 2028	2,387.56	0.00	0.00	0.00	2,387.56
0729	Class of 2029	2,125.65	375.00	0.00	0.00	2,500.65
0730	Class of 2030	734.27	0.00	0.00	0.00	734.27
0800	ANNUAL	2,535.86	95.00	0.00	0.00	2,630.86
0825	Digital Yearbooks	1,082.15	0.00	0.00	0.00	1,082.15
0850	Computer/Technology	2,797.17	0.00	0.00	0.00	2,797.17
0900	MUSIC	711.99	0.00	0.00	0.00	711.99
0950	BAND/MUSIC CLUB	1,449.05	0.00	0.00	0.00	1,449.05
1000	SHOP	6,248.31	0.00	0.00	0.00	6,248.31
1010	PlasmaCam/Power Drive	3,262.20	488.80	0.00	0.00	3,751.00
1020	Mullen Markings (Engraving Business)	-97.58	428.00	26.98	0.00	303.44
1050	FFA	10,762.29	0.00	244.00	0.00	10,518.29
1100	SUMMER & YOUTH RECREATION	5,552.64	0.00	0.00	0.00	5,552.64
1125	ELEMENTARY ACTIVITIES	894.04	0.00	59.96	0.00	834.08
1150	PLAYGROUND	1,319.68	0.00	0.00	0.00	1,319.68
1300	CHEERLEADERS	0.00	0.00	0.00	0.00	0.00
1400	SPANISH CLUB	2,381.58	0.00	0.00	0.00	2,381.58
1500	NATIONAL HONOR SOCIETY	3,496.90	0.00	33.00	0.00	3,463.90
1520	Quiz Bowl	1,156.23	0.00	123.00	0.00	1,033.23
1550	SCIENCE FIELD TRIP	1,251.86	525.00	347.50	0.00	1,429.36
1600	ART CLUB	3,025.15	0.00	46.76	0.00	2,978.39

Current Cash Balance

Sorted by Site ID, Group ID, Activity ID; Filtered by Group.

From 03/01/2025 to 03/31/2025.

Site ID Site Name

Group ID Group Name

Activity ID	Activity Name	Beginning Cash	Receipts	Disbursements	Adjustments	Cash Balance
1700	STUDENT COUNCIL	1,887.69	0.00	0.00	0.00	1,887.69
1750	Bronco Brew	1,481.47	284.46	0.00	0.00	1,765.93
1800	M CLUB	1,893.79	0.00	0.00	0.00	1,893.79
1801	Broncos Cross Country	3,297.92	0.00	0.00	0.00	3,297.92
1802	Bronco Football	15,657.69	0.00	0.00	0.00	15,657.69
1804	Bronco Girls Golf	40.00	0.00	0.00	0.00	40.00
1805	Lady Bronco Volleyball Club	12,395.92	0.00	100.00	0.00	12,295.92
1806	Bronco Lady Basketball	7,033.42	0.00	0.00	0.00	7,033.42
1807	Bronco Basketball	2,310.46	0.00	108.00	0.00	2,202.46
1808	Bronco Wrestling	9,702.17	0.00	580.43	0.00	9,121.74
1809	Bronco Track Team	1,098.21	0.00	0.00	0.00	1,098.21
1811	Bronco Boys Golf	10,513.06	0.00	92.00	0.00	10,421.06
1820	Bronco Play Production	1,240.35	0.00	0.00	0.00	1,240.35
1825	Bronco Speech	1,245.96	0.00	108.50	0.00	1,137.46
1840	Bronco Journalism	0.00	0.00	0.00	0.00	0.00
1950	Scholarships	1,145.62	0.00	0.00	0.00	1,145.62
1955	Marilyn Downing Scholarship est 2019	6,384.78	0.00	0.00	0.00	6,384.78
2200	TURNER FOUNDATION	1,332.49	0.00	499.00	0.00	833.49
3000	MATH-SCIENCE COALITION	3,421.51	0.00	0.00	0.00	3,421.51
3100	STEM	1,528.48	0.00	0.00	0.00	1,528.48
3200	Green House Project	9,239.35	0.00	0.00	0.00	9,239.35
	A Totals:	264,637.19	3,323.51	9,456.38	0.00	258,504.32

B NSAA Activities

Activity ID	Activity Name	Beginning Cash	Receipts	Disbursements	Adjustments	Cash Balance
5000	NSAA Activities	-2,807.44	0.00	1,713.00	0.00	-4,520.44
5001	Cross Country	-774.00	0.00	0.00	0.00	-774.00
5002	Football	-3,797.95	0.00	1,863.00	0.00	-5,660.95
5004	Girls Golf	-383.51	0.00	0.00	0.00	-383.51
5005	Volleyball	-636.80	0.00	0.00	0.00	-636.80
5006	Girls Basketball	-625.15	176.45	464.34	0.00	-913.04
5007	Boys Basketball	-429.15	0.00	0.00	0.00	-429.15
5008	Wrestling	-2,716.79	86.26	2,126.40	0.00	-4,756.93
5009	Track & Field	-1,760.95	0.00	150.00	0.00	-1,910.95
5011	Boys Golf	-128.61	0.00	55.00	0.00	-183.61
5012	Play Production	-1,735.08	0.00	0.00	0.00	-1,735.08
5013	Speech	-646.12	0.00	371.31	0.00	-1,017.43
5014	Journalism	0.00	0.00	0.00	0.00	0.00
5050	Admissions	14,651.07	0.00	0.00	0.00	14,651.07
5060	Officials	-11,288.00	0.00	425.00	0.00	-11,713.00
5065	Travel	-1,283.47	0.00	0.00	0.00	-1,283.47
5070	Dues & Fees	-1,101.48	0.00	0.00	0.00	-1,101.48
	B Totals:	-15,463.43	262.71	7,168.05	0.00	-22,368.77

Current Cash Balance

Sorted by Site ID, Group ID, Activity ID; Filtered by Group.

From 03/01/2025 to 03/31/2025.

Site ID Site Name
Group ID Group Name
Activity ID Activity Name

	Beginning Cash	Receipts	Disbursements	Adjustments	Cash Balance
Mullen Activity Totals:	249,173.76	3,586.22	16,624.43	0.00	236,135.55

	Begin Balance	Transfers	Receipts	Disbursements	Adjustments	End Balance
Mullen Checking:			3,586.22	16,624.43		
Mullen Investment:						
Mullen Bank Balances:	249,173.76		3,586.22	16,624.43	0.00	236,135.55

	Beginning Cash	Receipts	Disbursements	Adjustments	Cash Balance
Report Activity Totals:	249,173.76	3,586.22	16,624.43	0.00	236,135.55

ALL Data

Check Summary Report

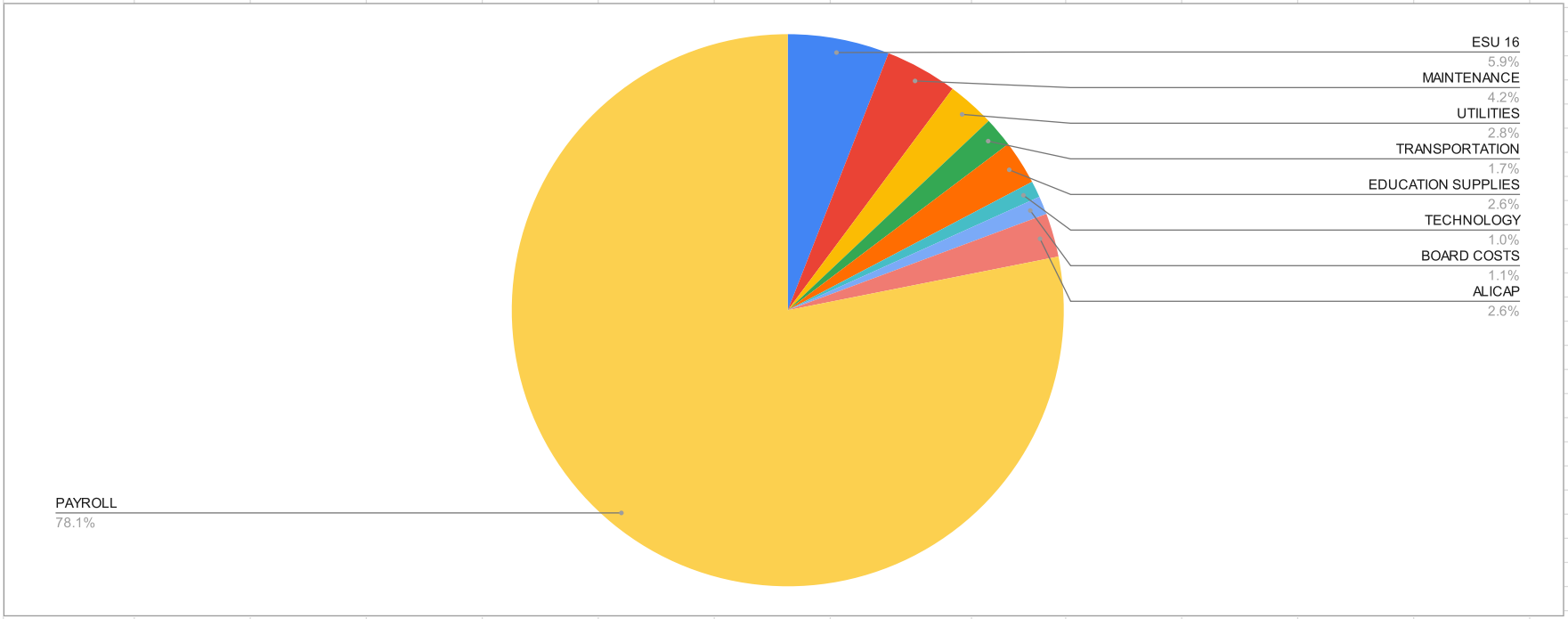
Arranged by:
Check Number

Date: 03/01/2025 thru 03/31/2025

Check Number	Status	Check / Void Date	Vendor Name	PO Number	Description	Amount
007186	O	03/04/2025	BLUE CROSS BLUE SHIELD		Feb less than 1	1,169.25
007187	O	03/04/2025	PAM GINKENS		replenish HS postage petty	33.43
007188	O	03/05/2025	WALMART Community		SPED IEP meeting lunch	52.88
007189	O	03/17/2025	MID PLAINS COMMUNITY		EYH 2025	126.00
					Report Total:	**1,381.56**

2024-2025 MULLEN PUBLIC SCHOOLS GENERAL FUND EXPENDITURE DATA

	ESU 16	Maintenance	Utilities	Transportation	Ed Supplies	Tech Supplies	Board/Admin Costs	Insurance	Payroll	Bills	Total	Transfers	
September 2024	$2,619.44	$58,468.19	$5,879.40	$2,871.31	$4,735.32	$4,251.73	$2,483.88	$66,159.00	$285,010.72	$147,468.27	$432,478.99	$0.00	
October 2024	$26,478.99	$2,607.58	$5,823.12	$5,967.86	$12,848.36	$7,766.31	$1,574.33	$0.00	$303,156.96	$63,066.55	$366,223.51	$0.00	
November 2024	$18,545.55	$2,939.02	$5,147.95	$9,488.42	$11,149.61	$427.00	$874.82	$0.00	$294,981.94	$48,572.37	$343,554.31	$0.00	
December 2024	$26,923.99	$8,774.59	$5,595.80	$3,880.80	$18,550.87	$8,166.00	$695.57	$0.00	$299,340.14	$72,587.62	$371,927.76	$0.00	
January 2025	$18,445.55	$3,886.15	$9,933.72	$6,623.92	$2,513.25	$0.00	$14,930.72	$0.00	$309,194.29	$56,333.31	$365,527.60	$0.00	
February 2025	$26,203.99	$3,053.07	$15,230.00	$4,738.91	$5,441.39	$4,842.13	$4,074.39	$1,471.00	$285,489.32	$65,054.88	$350,544.20	$0.00	
March 2025	$18,520.55	$21,326.30	$14,875.59	$6,364.85	$4,318.20	$0.00	$2,663.92	$0.00	$290,840.36	$68,069.41	$358,909.77	$0.00	
April 2025	$19,766.58	$11,012.70	$11,380.29	$6,282.14	$8,718.75	$0.00	$1,005.01	$0.00	$0.00	$58,165.47	$58,165.47	$0.00	
May 2025	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
June 2025	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
July 2025	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
August 2025	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$195,000.00	
	$157,504.64	$112,067.60	$73,865.87	$46,218.21	$68,275.75	$25,453.17	$28,302.64	$67,630.00	$2,068,013.73	$579,317.88	$2,647,331.61	$195,000.00	$2,842,331.61
	0.059	0.042	0.028	0.017	0.026	0.010	0.011	0.026	0.781	0.219			
Budgeted Amount	$200,000.00	$197,000.00	$190,000.00	$125,000.00	$135,000.00	$95,000.00	$63,000.00	$85,000.00	$3,410,000.00	$1,090,000.00	$4,500,000.00	$195,000.00	$4,695,000.00
Remaining	$42,495.36	$84,932.40	$116,134.13	$78,781.79	$66,724.25	$69,546.83	$34,697.36	$17,370.00	$1,341,986.27	$510,682.12	$1,852,668.39	$0.00	$1,852,668.39



Facility Advocates

and

Mullen Public Schools
Home of the Broncos

Partners
on a
Lighting Retrofit Project

January 17, 2025

Executive Summary of Proposal

- This proposal includes (3) options for upgrading the existing lighting system at Mullen High School to LED. This includes the interior of the following school:
  - Mullen High School, 404 N. Blaine St, Mullen, NE 69152
- Scope of work:
  - Option #1: Retrofit
    - Retrofit all existing fluorescent lamps with new ballast bypass LED tubes.
    - Replacement of approx. (1442) existing fluorescent tubes.
  - Option #2: Replacement
    - Replace all existing lighting with new LED equivalent fixtures.
    - Replacement of the following:
      - (6) existing restroom vanity lights with new 4' LED Dome Wraps.
      - (319) existing surface mounted fixtures with new 4' LED Dome Wraps.
      - (157) existing 2x4 fluorescent troffers with new 2x4 LED Flat Panels.
      - (49) existing 8' strip fixtures with new LED 8' lensed strip fixtures.
  - Option #3: Sensors
    - Add motion sensors to existing classrooms, hallways and offices.
    - Due to the presence of mostly drywall/inaccessible ceilings, all new ceiling mounted sensors to be wireless. Sensors will have 10-year replaceable battery in sensor that communicates directly to switch.
    - The total count is as follows:
      - Add (34) new Lutron Maestro switches.
      - Add (36) new Lutron Maestro ceiling sensors.
      - Replace (9) existing wall sensors with new Lutron Maestro wall switch sensors.
      - Add (4) Lutron Vive power packs for hallway circuits.
- Option #3 to be added in conjunction with Options #1 or #2.

Exceptions, exclusions and clarifications to be provided in contract after approval of proposal.

Pricing and Estimated Savings:

Contract Amount	Annual Savings	Rebate	Simple Pay Back
#1. $65,000	$11,000	$4,000	5 ½ years
#2. $150,000	$18,000	$7,000	8 years
# 3. $35,000	$3,500	n/a	10 years

Details of product and materials are on the following pages.

Option #1: Direct Wire Tubes/Simple Retrofit

SINCE 1945 KEYSTONE LIGHT MADE EASY

DIRECTDRIVE D2 DOUBLE-ENDED LINE VOLTAGE LED TUBES

K T-LED10.5T8-48G-8XX-D2 /G2

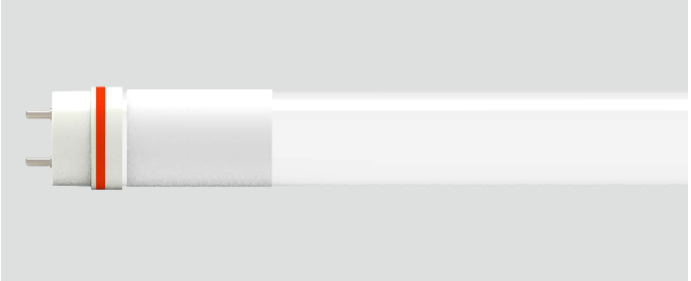
T8 LED LAMP

DESCRIPTION

10.5 W LED T8 Tube | 3500/4000/5000K | > 80 CRI | High-Efficency

RoHS Compliant 5 YEAR WARRANTY

- LAMP TYPE: Linear
- BULB TYPE: T8
- BASE TYPE: G13 (Medium Bi-Pin)
- WATTAGE: 10.5W
- COLOR TEMPERATURE: 3500/4000/5000K
- COLOR RENDERING INDEX (CRI): > 80
- WARRANTY: 5 Years



PRODUCT FEATURES

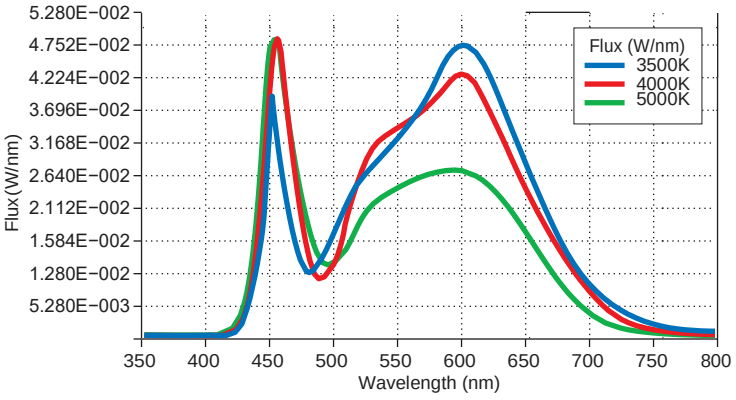
- Replacement for conventional fluorescent lamp
- Double-ended wiring
- 50,000+ hour lifetime
- Approximately 60% more energy efficient than standard F32T8 lamps
- Environmentally friendly: No mercury used
- Instant startup
- DLC Listed
- Frosted glass lens eliminates pixelation
- UL Classified
- Operating temperature: –20°C/–4°F to 45°C/113°F
- Storage temperature: –30°C/–22°F to 60°C/140°F
- Operating humidity: 10–80%
- Integral driver (isolated), eliminates the need for external driver or ballast
- 150+ Lumens per Watt
- Not compatible with Keystone AC Emergency Drivers: KT-EMRG-LED-5-500-AC, KT-EMRG-LED-5-500-AC/DF, KT-EMRG-LED-12-1200-AC, or KT-EMRG-LED-12-1200-AC /DF
- Meets FCC Part 15, Part B
- Not rated for use in Vapor Tight style fixtures
- Lamp is dimmable when used with an appropriate dimming accessory (purchased separately). Contact Keystone for more details to find out what is best for the intended application

PERFORMANCE SPECIFICATIONS

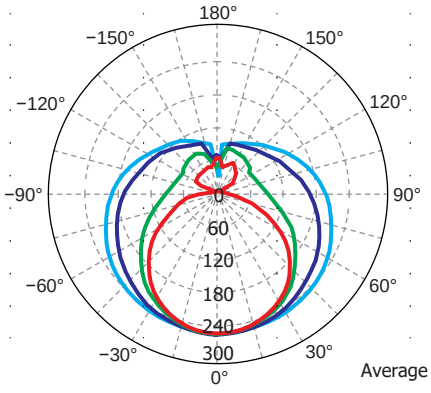
Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	Efficacy	CRI	Beam Angle	Visibel Light Area	Power Factor	THD	Input Current	Life Time
KT-LED10.5T8-48G-835-D2 /G2	120–277V	10.5W	3500K	1600	152 lm/W	> 80	240°	325°	> 0.9	> 20%	90mA @120V 43mA @277V	50,000 hrs
KT-LED10.5T8-48G-840-D2 /G2	120–277V	10.5W	4000K	1650	157 lm/W	> 80	240°	325°	> 0.9	> 20%	90mA @120V 43mA @277V	50,000 hrs
KT-LED10.5T8-48G-850-D2 /G2	120–277V	10.5W	5000K	1650	157 lm/W	> 80	240°	325°	> 0.9	> 20%	90mA @120V 43mA @277V	50,000 hrs

PHOTOMETRIC CHARACTERISTICS

SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION



Average Beam Angle (50%): 179.0°

SINCE 1945 KEYSTONE LIGHT MADE EASY

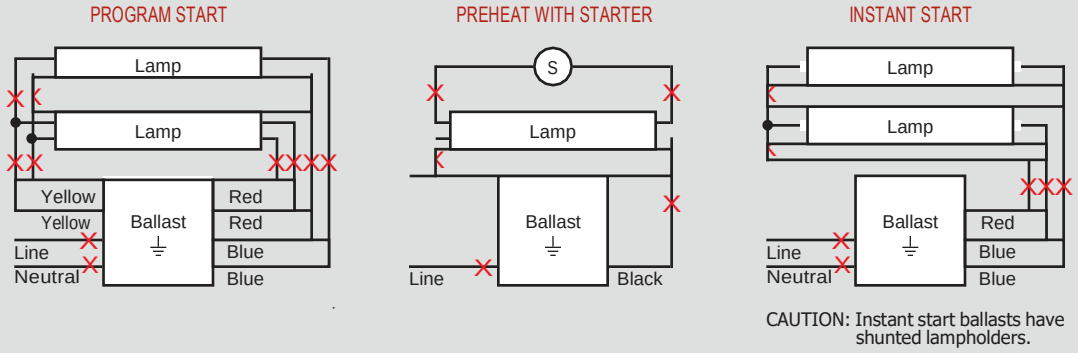
DIRECTDRIVE D2
DOUBLE-ENDED LINE VOLTAGE LED TUBES

K T-LED10.5T8-48G-8XX-D2 /G2
T8 LED LAMP

WIRING DIAGRAMS

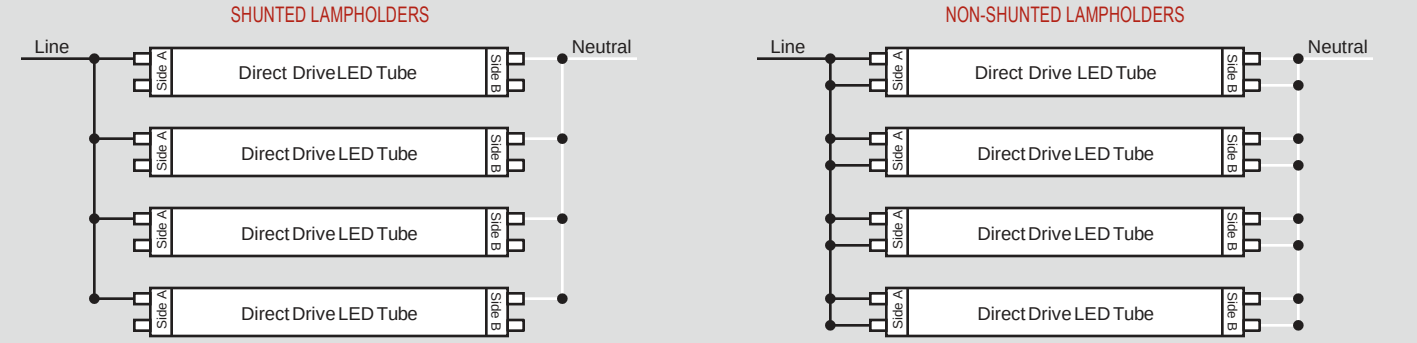
1. Cut all existing connections to ballast as shown below and remove ballast.
   See *Figure A* for typical ballast configurations.

FIGURE A TYPICAL BALLAST CONFIGURATIONS



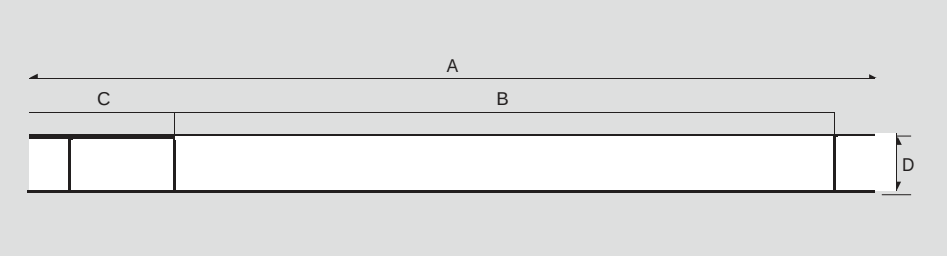
2. Re-wire fixture as shown below. For double-ended wiring, use either shunted or nonshunted lampholders.

NOTE: There should not be any exposed wires at the end of installation.



WARNING Not Compatible with Keystone AC Emergency Backups

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	47.20"
B (Illuminated Length)	44.00"
C (End Cap/Sticker Area)	2.25"
D (Diameter)	1.10"

NOMINAL LENGTH: 48"

BASE TYPE: G13 (Medium Bi-Pin)

SINCE 1945 KEYSTONE LIGHT MADE EASY

DIRECTDRIVE D2 DOUBLE-ENDED LINE VOLTAGE LED TUBES

K T-LED10.5T8-48G-8XX-D2 /G2

T8 LED LAMP

ORDERING INFORMATION

ORDER CODE	CARTON QUANTITY	UPC	EASY CODE	DLC PRODUCT ID
KT-LED10.5T8-48G-835-D2 /G2	25	843654148595	GKK-38	S-QMNVZK
KT-LED10.5T8-48G-840-D2 /G2	25	843654148601	QZJ-90	S-3OR2JF
KT-LED10.5T8-48G-850-D2 /G2	25	843654148618	WIR-57	S-O5W71H

CATALOG NUMBER BREAKDOWN

K T-LED10.5T8-48G-8XX-D2 /G2

1 2 3 4 5 6 7 8 9 10

1 Keystone Technologies
2 LED Lamp
3 Wattage
4 Lamp Type
5 Nominal Length (Inches)
6 Glass Construction
7 CRI
8 Color Temperature
9 Double-Ended Wiring
10 Second Generation

SINCE 1945 KEYSTONE LIGHT MADE EASY®

DIRECT DRIVE D2
DOUBLE-ENDED LINE VOLTAGE LED TUBES

KT-LED40T8-96G-8XX-D2

T8 LED LAMP

DESCRIPTION

40W T8 LED | 3500–5000K | >80 CRI | High Efficiency | 8 Foot

- **LAMP TYPE:** Linear
- **BULB TYPE:** T8
- **BASE TYPE:** Fa8 (Single-Pin)
- **WATTAGE:** 40W
- **COLOR TEMPERATURE:** 3500–5000K
- **COLOR RENDERING INDEX (CRI):** >80
- **WARRANTY:** 10 Year Limited



PRODUCT FEATURES

- Replacement for conventional T8/T12 8-foot, single-pin fluorescent lamp
- Double-ended line voltage wiring: Connect power to each end for simplified installation
- 50,000+ hour lifetime
- Approximately 50% more energy efficient than standard F96T12 lamps
- Environmentally friendly: No mercury used
- NSF listed: NSF/ANSI Standard 2: Food equipment, splash zone (component level—not for direct food zone without additional fixture considerations)
- Compatible with KT-EMRG-LED-12-1200-AC and KT-EMRG-LED-12-1200-AC /DF LED emergency back ups
- Includes 1 C-clips to be installed with the lamps into the fixture ballast cover to prevent any potential undesired lamp twisting or sagging
- Frosted lens elimates pixelation
- UL classified
- Operating Temperature: (–20ºC/–4ºF) (45ºC/113ºF)
- Working Humidity: 30%-85%
- Integral driver (isolated): Eliminates the need for external driver or ballast
- 130+ lumens per Watt
- Instant startup
- DLC Listed
- Not rated for use in Vapor Tight style fixtures
- Lamp is dimmable when used with an appropriate dimming accessory (purchased separately). Contact Keystone for more details to find out what is best for the intended application.

ELECTRICAL AND PEROFRMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Power Factor	Input Current	Rated Life
KT-LED40T8-96G-835-D2	120–277Vac	40W	3500K	5500 lm	136 lm/W	325º	>0.9	0.33 @ 120V 0.14@ 277V	L70 (Hours) 50,000
KT-LED40T8-96G-840-D2			4000K						
KT-LED40T8-96G-850-D2			5000K						

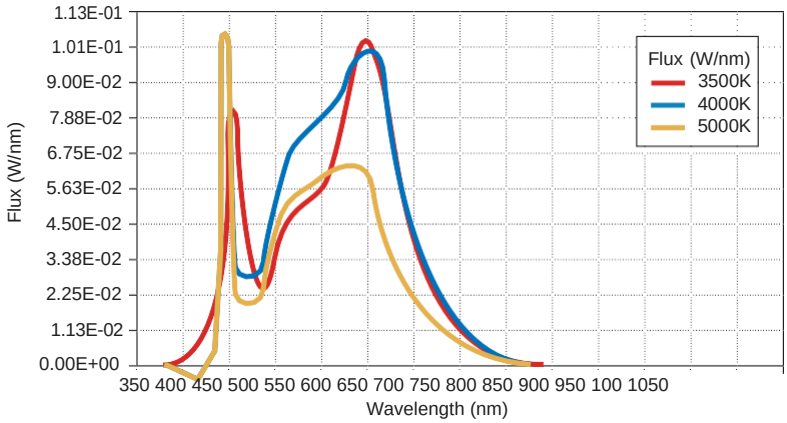
KEYSTONE SINCE 1945 LIGHT MADE EASY®

DIRECTDRIVE D2 DOUBLE-ENDED LINE VOLTAGE LED TUBES

KT-LED40T8-96G-8XX-D2

T8 LED LAMP

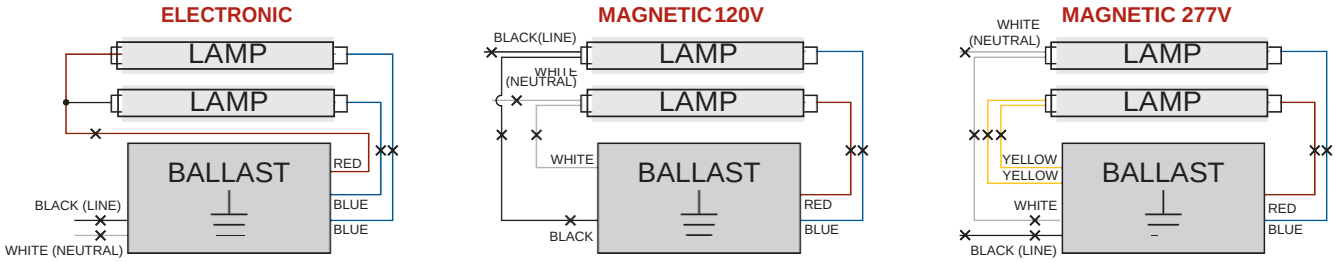
SPECTRAL DISTRIBUTION



WIRING DIAGRAMS

1. Identify ballast configuration as shown below and cut all wires connected to the ballast accordingly.

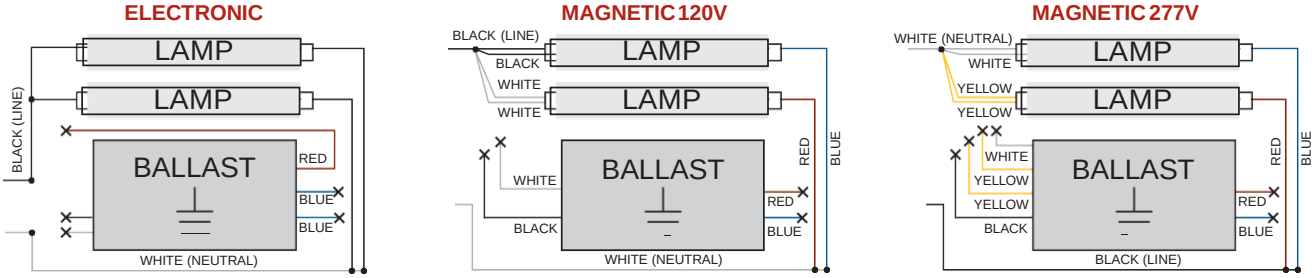
Typical Ballast Configurations:



2. Confirm that the lampholders in the fixture are single-pin Fa8 lampholders. These DirectDrive LED tubes require single-pin Fa8 lampholders.

3. Rewire the fixture using existing lampholders as shown below according to the original ballast wiring configuration.

Typical Ballast Configurations:



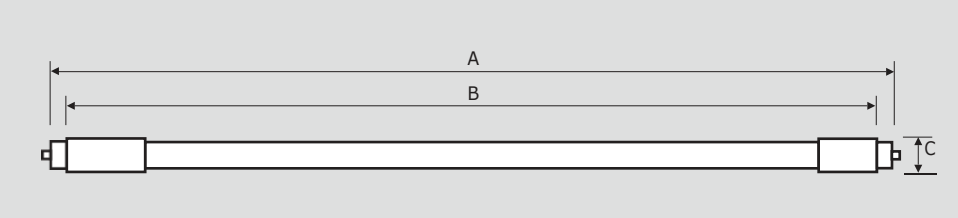
SINCE 1945 KEYSTONE LIGHT MADE EASY®

DIRECT DRIVE D2 DOUBLE-ENDED LINE VOLTAGE LED TUBES

KT-LED40T8-96G-8XX-D2

T8 LED LAMP

PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	93.31"
B (Illuminated Length)	87.41"
C End Cap Diameter	1.31"
D Dimension	1.08"

NOMINAL LENGTH: 96"
BASE TYPE: Fa8 (Single-Pin)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-LED40T8-96G-835-D2	10	843654140018	GAP-29	PLW488ISMIHX
KT-LED40T8-96G-840-D2	10	843654140025	LQA-37	PL4JB5PJ5DXW
KT-LED40T8-96G-850-D2	10	843654140032	RLU-31	PLHLFQZME6L4

CATALOG NUMBER BREAKDOWN

KT-LED40T8-96G-8XX-D2

1 2 3 4 5 6 7 8 9

1. **Keystone Technologies**
2. **LED Lamp**
3. **Wattage**
4. **Lamp Type**
5. **Nominal Length (Inches)**
6. **Glass**
7. **80 CRI**
8. **Color Temperature**
9. **Double Drive Series**

Option #2: New Fixtures

KT-CWLED44PS-4-8CSA-VDIM

LED WRAP FIX TURE

DESCRIPTION

4ft LED Curved Wrap Fixture | 120-277V Input | Frosted Lens | 0-10V Dimming

APPLICATION

Used for commercial, retail, and residential applications



10 YEAR LIMITED WARRANTY

PRODUCT FEATURES

- Features Keystone Power Select technology (44/28/18W). Adjust power between 44/28/18W, changing lumen output to set high end trim.
- Features Keystone Color Select technology (3500/4000/5000K)
- Powered by Keystone 0–10V dimming LED drivers, dimmable to 10%
- Ambient operating temperature: –20ºC/– 4ºF to 45ºC/113ºF
- Compatible with Keystone SmartSafe emergency backups
- Available with Keystone's Smart Loop Bluetooth™ mesh wireless system, with features such as high-end trim, grouping, occupancy/vacancy sensing, and scheduling.
- ½" NPS (.87" KO) on both ends of fixture, with internal wire way, for wire passage on end to end installations.
- Luminaire is suitable for installation within a clothes closet storage space
- LED lifetime: L70 >100,000 hours @ 25°C ambient fixture temperature
- Low optical flicker
- THD: < 20%
- Power factor > 0.95

PERFORMANCE SPECIFICATIONS

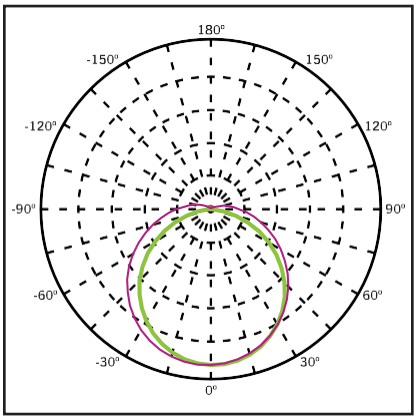
Catalog Number	Input Voltage	Wattage	Color Temperature	Lumen Output	Efficacy	CRI	Power Factor	Lifetime
KT-CWLED44PS-4-8CSA-VDIM	120–277V	44W	3500K	5,984	136 lm/W	> 80	> 0.90	50,000hrs
			4000K	6,072	138 lm/W			
			5000K	6,116	139 lm/W			
		28W	3500K	4,004	143 lm/W			
			4000K	4,032	144 lm/W			
			5000K	4,060	145 lm/W			
		18W	3500K	2,628	146 lm/W			
			4000K	2,646	147 lm/W			
			5000K	2,664	148 lm/W			

KT-CWLED44PS-4-8CSA-VDIM

LED WRAP FIX TURE

PHOTOMETRIC SPECIFICATIONS

POLAR CANDELA DISTRIBUTION



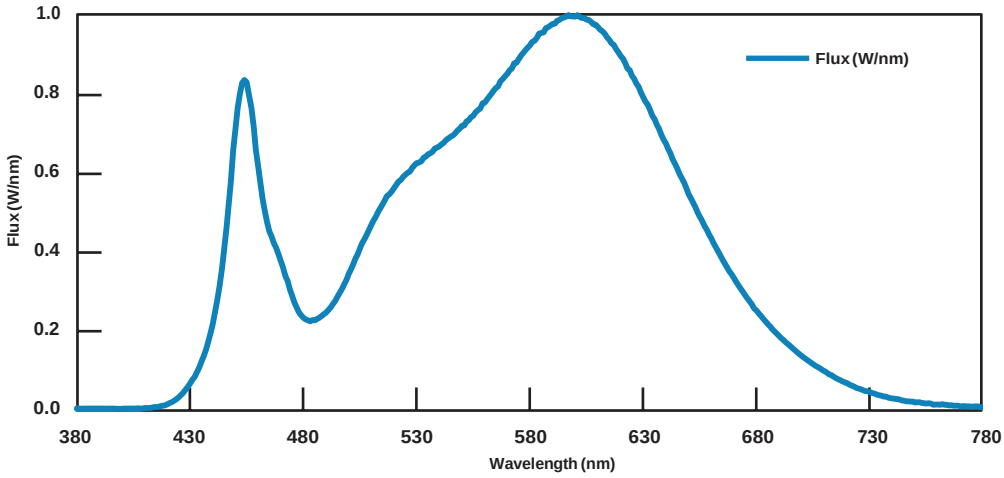
Maximum Candela = 1846.0
Located at Horizontal Angle = 0,
Vertical Angle 0

1. **Violet** Vertical Plane through Horizontal Angles (90-270)
2. **Green** Vertical Plane through Horizontal Angles (0-180)

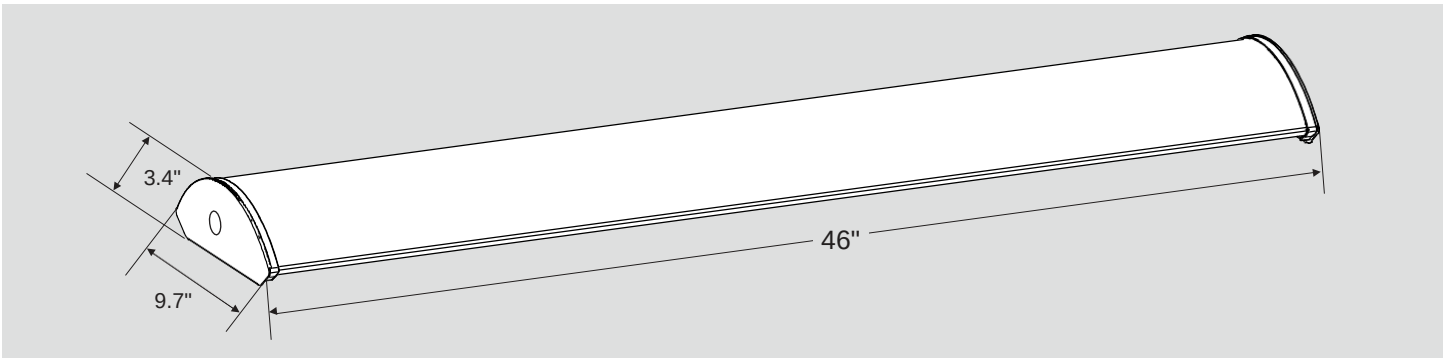
Beam Angle: 220°

Visible Light Area: 325°

RELATIVE SPECTRAL POWER DISTRIBUTION



PHYSICAL SPECIFICATIONS

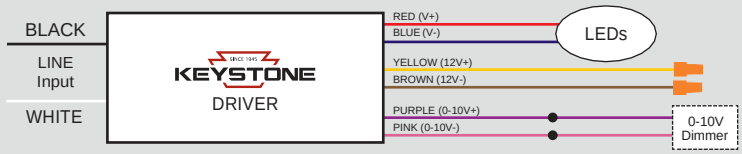


KT-CWLED44PS-4-8CSA-VDIM

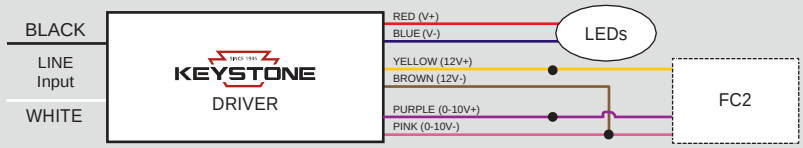
LED WRAP FIX TURE

WIRING DIAGRAMS

0-10V Dimmer



KTSL-FC2-12V-SM-PIR Fixture Controller/Sensor



KT-CWLED44PS-4-8CSA-VDIM

LED WRAP FIX TURE

ACCESSORIES

SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC2	KTSL-FC2-12V-SM-PIR	"Bluetooth mesh wireless low voltage individual fixture controller for SmartLoop system with integrated daylight and PIR motion sensors."	843654135236	TCM-01
	/MW	KTS-MW3-UV-KO-K2	LED Microwave Occupancy/Daylight Sensor | Performance Parameters Set by Remote Control	843654134352	TBV-76

Keystone SmartLoop is a DLC qualified network lighting control solution, offering advanced functions such as complete wireless control, zoning, high-end trim, occupancy/vacancy sensing, scene setting, and scheduling. To learn more about smartloop, please visit http://www.keystonetech.com/smartloop



Bluetooth mesh wireless fixture controller KTSL-FC2-12V-SM-PIR





LED Microwave Occupancy/Daylight Sensor KTS-MW3-UV-KO-K2

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/L715P10	KT-CS-L715P-10-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140131	SFV-88
	/L615P10	KT-CS-L615P-10-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140148	ZQS-05
	/L515P10	KT-CS-L515P-10-16/3	Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140155	GVH-22
	/L715P6	KT-CS-L715P-6-16/3	Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140162	DVU-44
	/L615P6	KT-CS-L615P-6-16/3	Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140179	LCW-66
	/L515P6	KT-CS-L515P-6-16/3	Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82
	/NP10	KT-CS-NP-10-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire	843654140193	YOH-90
	/NP6	KT-CS-NP-6-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire	843654140216	HUB-73
	/NP15	KT-CS-NP-15-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire	843654140209	EYD-18



Cord Sets

* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
NOTE: FOR CORD SETS NOT LISTED HERE, PLEASE CONTACT YOUR KEYSTONE SALES REP.

(*Accessories continued on next* page)

KT-CWLED44PS-4-8CSA-VDIM
LED WRAP FIX TURE

ACCESSORIES (continued)

EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM5†	KT-EMRG-LED-5C-500	5W, 500 lumen Smart Safe emergency backup, CEC T20 Compliant	843654103099	JTR-48
	/EM12†	KT-EMRG-LED-12C-1200	12W , 1200 lumen Smart Safe emergency backup, CEC T20 Compliant	843654103112	OJQ-32



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500



12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200

* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
† FACTORY INSTALLATION OF EMERGENCY BACKUP UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.

MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-CWLED-SLB-1	Microstrip Bracket for Smart Loop KTSL-FC2-12V-SM-PIR Sensor	843654139876	KPV-40
KT-CWLED-TRIM-1	Trim plate for KT-CWLED fixtures. Used to cover up existing holes from larger fixtures. 20in x 52in.	843654138749	YMZ-64



Microstrip Bracket
KT-CWLED-SLB-1





Trim plate
KT-CWLED-TRIM-1

STEP-DOWN TRANSFORMERS

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/480†‡	KTAT-250-480-277 /SF	Fully enclosed, single flex step-down transformer for LED high bay fixtures (250VA or lower)	843654102931	XIM-17



Step-Down Transformer
KTAT-250-480-277 /SF

* FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).
† FACTORY INSTALLATION OF STEP-DOWN TRANSFORMER UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.
‡ STEP-DOWN TRANSFORMERS CANNOT BE ORDERED IN CONJUNCTION WITH STANDARD SJTOW CORD SET OPTIONS (CONTACT KEYSTONE SALES REP FOR AVAILABLE CUSTOM OPTIONS IF NEEDED).

KT-CWLED44PS-4-8CSA-VDIM

LED WRAP FIX TURE

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-CWLED44PS-4-8CSA-VDIM	1	843654137292	JWD-82	P3VQ2JYW S-SPVJ50

CATALOG NUMBER BREAKDOWN

KT-CWLED44PS-4-8CSA-VDIM

1 2 3 4 5 6 7 8 9

1. Keystone Technologies
2. LED Curved Wrap Fixture
3. Wattage
4. Power Select
5. 4' Nominal Length
6. 80 CRI
7. Color Select
8. Color Select Designation
9. 0-10V Dimming

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-CWLED44PS-4-8CSA-VDIM /MW/L715P6/EM5

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-CWLED44PS-4-8CSA-VDIM /MW/EM5/480

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-CWLED44PS-4-8CSA-VDIM /MW/480

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-CWLED44PS-4-8CSA-VDIM /MW

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-CWLED44PS-4-8CSA-VDIM

KEYSTONE FIXTURE

CATALOG NUMBER
KT-CWLED44PS-4-8CSA-VDIM

SENSORS

P	SUFFIX	CATALOG NUMBER
P	/MW	KTS-MW3-UV-KO-K2

CORD SETS

P	SUFFIX	CATALOG NUMBER
P	/L715P6	KT-CS-L715P-6-16/3

EMERGENCY BACKUP

P	SUFFIX	CATALOG NUMBER
P	/EM5	KT-EMRG-LED-5C-500

STEP-DOWN TRANSFORMERS

P	SUFFIX	CATALOG NUMBER
P	/480	KTAT-250-480-277 /SF

NOTE: STEP-DOWN TRANSFORMERS CANNOT BE ORDERED IN CONJUNCTION WITH STANDARD SJTOW CORD SET OPTIONS (CONTACT KEYSTONE SALES REP FOR AVAILABLE CUSTOM OPTIONS IF NEEDED).

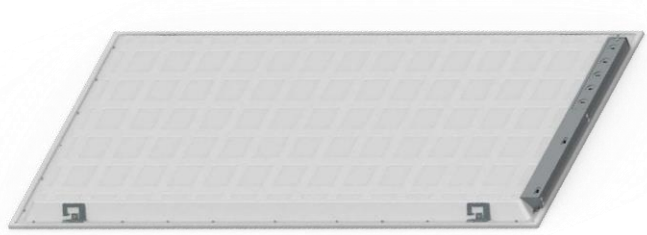
* WHEN ORDERING MORE THEN ONE FACTORY-INSTALLED ACCESSORY, USE MULTIPLE SUFFIXES AS SHOWN IN THE ORDERING EXAMPLES ABOVE.
NOTE: ALL ACCESSORIES CAN ALSO BE ORDERED SEPARATELY FOR FIELD INSTALLATION USING JUST THEIR REGULAR CATALOG NUMBER, UPC, OR EASY CODE.

KT-BPLED45PS-24C-8CSA-VDIM

BACKLIT LED PANEL LIGHT

DESCRIPTION

2'x 4' LED Panel | 45/35/30W | 3500/4000/5000K
120-277V input | 0-10V dimming | Contractor Prime



PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500/4000/5000K
- Features Keystone Power Select technology. Adjust power between 45/35/30W
- Extruded aluminum frame with precision laser welded corners and satin white powder coating
- Suitable for recessed or surface mount (with optional accessories)
- Construction features precise optical lenses over each individual LED, offering optimal light diffusion and consistent surface illumination, with no risk of yellowing over product lifetime
- UL Certified for Dry/Damp locations
- Powered by Keystone 0-10V dimmable LED driver with built-in junction box
- Compatible with Keystone SmartSafe LED emergency backup
- Over 50% energy savings compared to traditional fluorescent troffers
- Operating temp range -20°C/-4°F to 40°C/104°F
- IC Rated

PERFORMANCE SPECIFICATIONS

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
KT-BPLED45PS-24C-8CSA-VDIM	2' x 4'	45W	3500K	5300	118 lm/W	120-277V	0-10V	>80
			4000K	5650	125 lm/W			
			5000K	5350	118 lm/W			
		35W	3500K	4200	120 lm/W			
			4000K	4550	130 lm/W			
			5000K	4235	121 lm/W			
		30W	3500K	3850	128 lm/W			
			4000K	4200	140 lm/W			
			5000K	3900	130 lm/W			

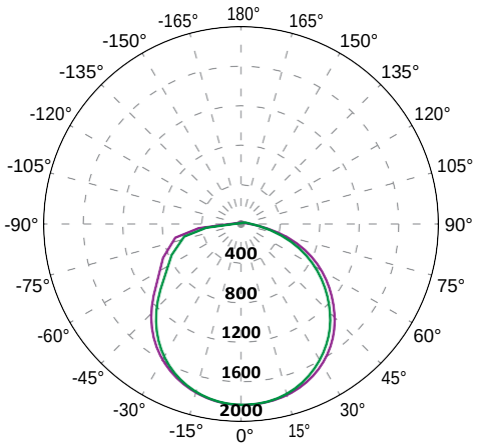
* Preset to (5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

KT-BPLED45PS-24C-8CSA-VDIM

BACKLIT LED PANEL LIGHT

PHOTOMETRIC SPECIFICATIONS

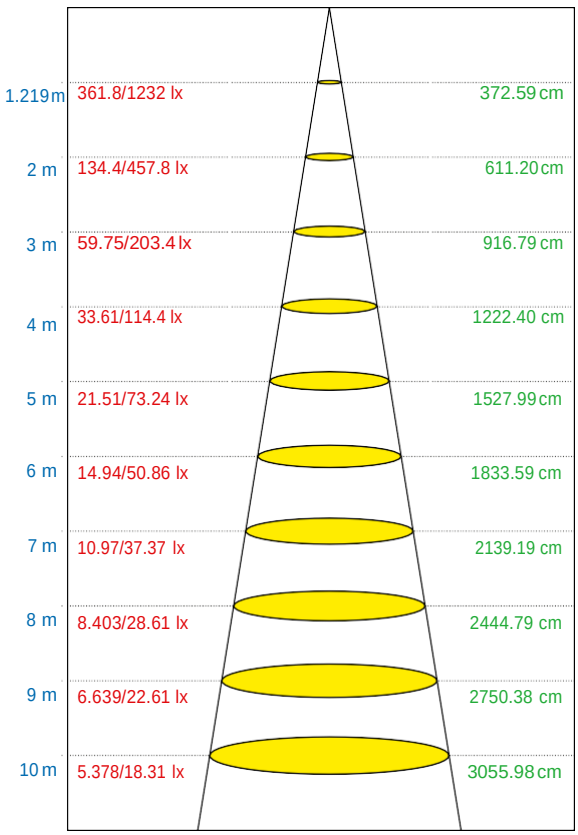
POLAR CANDELA DISTRIBUTION



Average beam angle (50%): **116.5°** **1 Violet** C0/180, 119.4
Unit: **cd** **2 Green** C90/270, 113.6

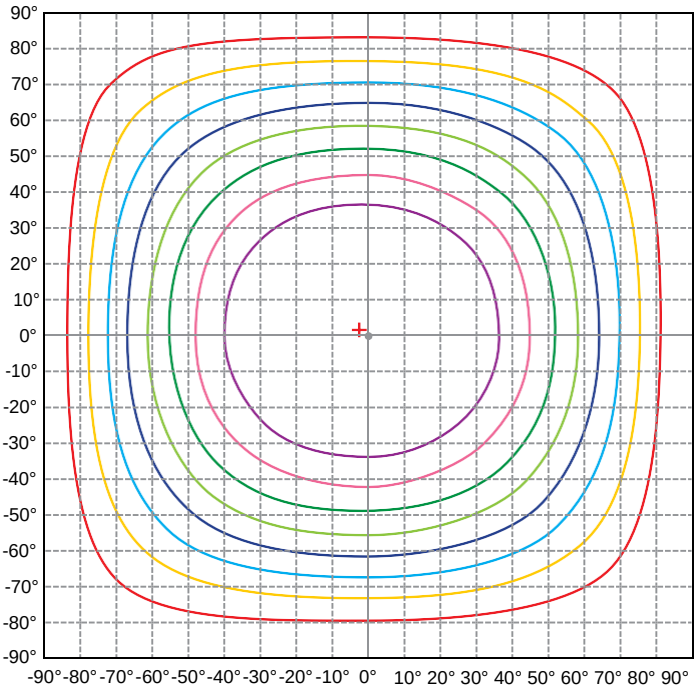
FLUX CHART

Flux Out: 4006 lm



Height **Eavg/Emax** **Angle:** 115.54° **Diameter**

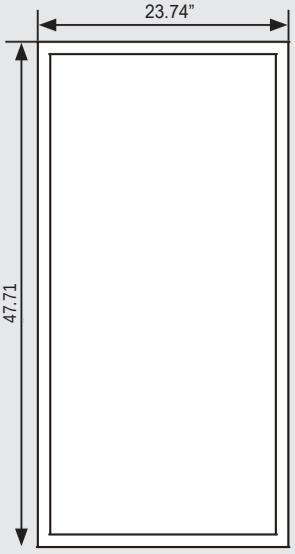
ISOCANDELA PLOT



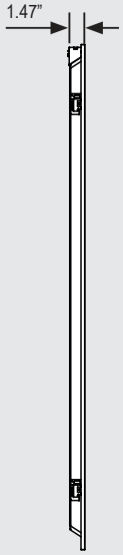
cd: **183.3** (10%) cd: **916.3** (50%) Imax: 1833 (H-2.5, V1.5)
cd: **366.5** (20%) cd: **1100** (60%) (At: C=210.0, Gamma=3.0)
cd: **549.8** (30%) cd: **1283** (70%)
cd: **733.0** (40%) cd: **1466** (80%)

PHYSICAL SPECIFICATIONS

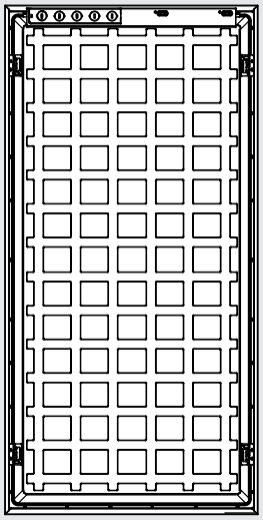
Top View



Side View



Back View



KT-BPLED45PS-24C-8CSA-VDIM

BACKLIT LED PANEL LIGHT

ACCESSORIES

SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/FC1-PIR	KTSL-FC1-UV-KO-PIR	Bluetooth Mesh Wireless Fixture Controller for SmartLoop System with remote mountable daylight and PIR motion sensor. 120-277V. 3A Max Load with 0-10V Dimming	843654129259	MGZ-59



Smart Loop PIR Sensor
KTSL-FC1-UV-KO-PIR

Note: *Keystone SmartLoop is a DLC Qualified Network Lighting Control solution, offering advanced functions such as complete wireless control, zoning, high-end trim, occupancy/vacancy sensing, scene setting, and scheduling. To learn more about SmartLoop, please visit http://www.keystonetech.com/smartloop.*

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/NP10	KT-CS-NP-10-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire	843654140193	YOH-90
	/NP6	KT-CS-NP-6-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire	843654140216	HUB-73
	/NP15	KT-CS-NP-15-16/3	Cord for high bays; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire	843654140209	EYD-18
	/MC13	KT-MC-NP-1-18/3	Metal clad cable for fixtures, No Plug, 1ft long, 18/3 wire (L,N,G)	843654139777	AYT-71
	/MC63	KT-MC-NP-6-18/3	Metal clad cable for fixtures. No Plug. 6ft long. 18/3 wire (L,N,G)	843654134505	EYP-82
	/MC65	KT-MC-NP-6-18/5	Metal clad cable for fixtures. No Plug. 6ft long. 18/5 wire (L,N,G, LV)	843654134512	CBU-56
	/MC66	KT-MC-NP-6-18/6	Metal clad cable for fixtures. No Plug. 6ft long. 18/6 wire (L,S,N,G, LV)	843654164229	KFF-99

** For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).*
Note: *For cord sets not listed here, please contact your Keystone sales rep.*

(*Accessories* continued on next page)

KT-BPLED45PS-24C-8CSA-VDIM

BACKLIT LED PANEL LIGHT

ACCESSORIES (continued)

EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM5†	KT-EMRG-LED-5C-500-EN /DF	5W, 500 lumen Smart Safe emergency backup with dual flex cables	843654132433	RAR-74
	/EM12†	KT-EMRG-LED-12C-1200-EN /DF	12W, 1200 lumen Smart Safe emergency backup with dual flex cables	890949019900	YCV-23



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500-EN /DF



12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200-EN /DF



** For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).*
† Factory installation of emergency backup units will automatically include any relevant mounting bracket.

Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-BPLED-EM-22/4C-KIT	Emergency LED backup mounting bracket kit for backlit panel fixtures	843654157016	YLZ-48
KT-BPLED-SM-24-KIT /G2	Surface Mount Kit 2x4 Backlit panels	843654134543	CGY-52
KT-BPLED-CABLE-KIT	Aircraft cable hanging kit for LED high bay fixtures	843654133423	JLB-77



Emergency Backup Mounting Bracket
KT-BPLED-EM-22/4-KIT

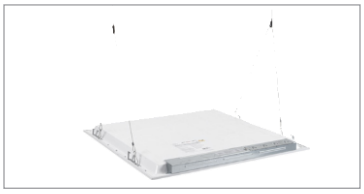




Surface Mount Kit
KT-BPLED-SM-24-KIT /G2



Cable Mount Kit
KT-BPLED-CABLE-KIT



KT-BPLED45PS-24C-8CSA-VDIM

BACKLIT LED PANEL LIGHT

ORDERING INFORMATION

CATALOG NUMBER	CARTON QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-BPLED45PS-24C-8CSA-VDIM /1PK	2	843654162270	PPY-68	JPB-53

CATALOG NUMBER BREAKDOWN

KT-BPLED45PS-24C-8CSA-VDIM

1 2 3 4 5 6 7 8 9 10

1 Keystone Technologies
2 Backlit Panel Light LED Fixture
3 Wattage
4 Power Select
5 2' x 4' Nominal Size
6 Contractor Series
7 80 CRI
8 Color Select
9 Color Select Designation
10 0-10V Dimming

9 Color Select

A	3500/4000/5000K

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-BPLED45PS-24C-8CSA-VDIM /PIR/L715P6/EM5

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-BPLED45PS-24C-8CSA-VDIM /PIR/EM5

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-BPLED45PS-24C-8CSA-VDIM /L715P6

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-BPLED45PS-24C-8CSA-VDIM

** When ordering more then one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.*
Note: *All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.*

KEYSTONE FIXTURE

CATALOG NUMBER
KT-BPLED45PS-24C-8CSA-VDIM

SENSORS

P	SUFFIX	CATALOG NUMBER
P	/FC1-PIR	KTSL-FC1-UV-KO-PIR

CORD SETS

P	SUFFIX	CATALOG NUMBER
P	/L715P6	KT-CS-L715P-6-16/3

EMERGENCY BACKUP

P	SUFFIX	CATALOG NUMBER
P	/EM5	KT-EMRG-LED-5C-500-EN /DF

KT-MSLED90PS-8-8CSA-VDIM

LED MICROSTRIP FIXTURE

DESCRIPTION

8' LED Microstrip Fixture | 120–277V Input | Frosted Lens | 0–10V Dimming



APPLICATION

Used for commercial, retail, and residential strip applications

10 YEAR LIMITED WARRANTY

PRODUCT FEATURES

- Features Keystone Color Select technology. Adjust CCT between 3500K, 4000K, or 5000K
- Features Keystone Power Select technology. Adjust power between 90W, 75W, and 54W
- Powered by Keystone 0–10V dimming LED drivers
- Post-painted steel body; PMMA lens
- Compatible with Keystone SmartSafe emergency LED drivers
- Compatible with Keystone occupancy sensors
- Ambient operating temperature: −20ºC/−4ºF to 50ºC/122ºF
- UL Listed 1598: Suitable for dry and damp locations
- THD: < 20%
- Power factor > 0.95

POWER AND COLOR TEMPERATURE SELECTABILITY

- Keystone Color Select Technology: Adjustable CCT (3500K/4000K/5000K)
- Keystone Power Select Technology: Adjustable Wattage (90W/75W/54W)

PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	Color Temperature	Lumens	Efficacy	Rated Life	CRI	Power Factor
KT-MSLED90PS-8-8CSA-VDIM*	120-277V	90W	3500K	11,880	132 lm/W	50,000 hrs	>80	>0.9
			4000K	11,970	133 lm/W			
			5000K	12,060	134 lm/W			
		75W	3500K	10,125	135 lm/W			
			4000K	10,200	136 lm/W			
			5000K	10,275	137 lm/W			
		54W	3500K	7,668	142 lm/W			
			4000K	7,722	143 lm/W			
			5000K	7,776	144 lm/W			

ONE CATALOG NUMBER WITH 9 DIFFERENT OPTIONS

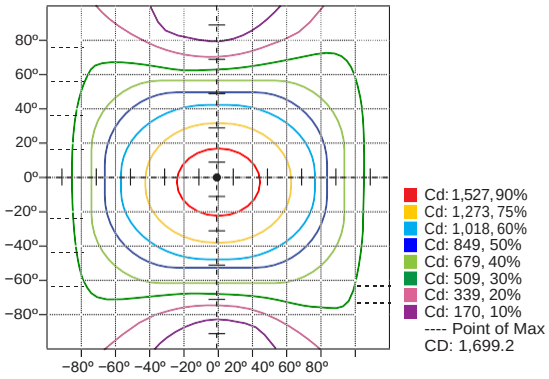
* Preset to highest lumen output (90W / 5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

KT-MSLED90PS-8-8CSA-VDIM

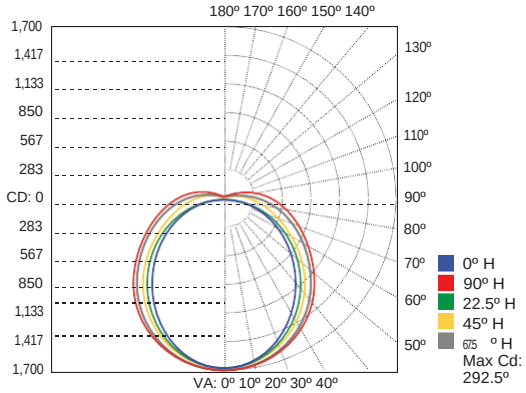
LED MICROSTRIP FIXTURE

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



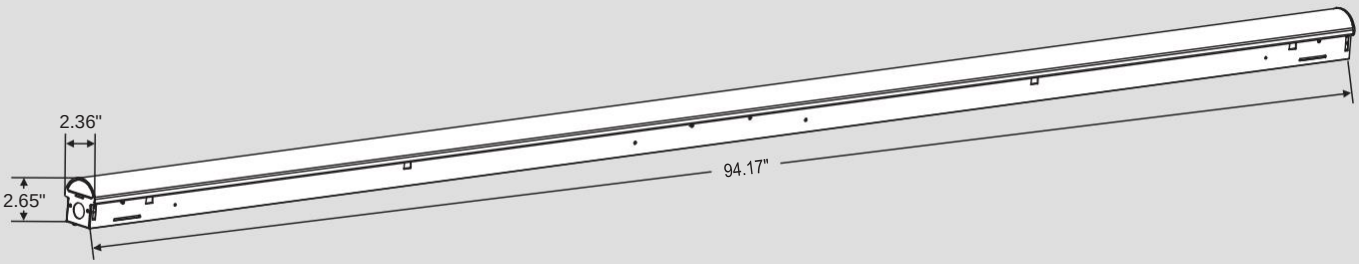
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

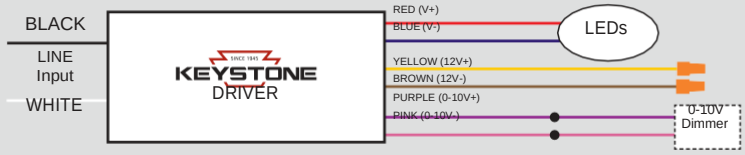
Zone	Lumens	% Luminaire
0-30	1,295.9	21.9%
0-40	2,122.9	35.9%
0-60	3,804.3	64.3%
60-90	1,556.1	26.3%
70-100	1,110.0	18.8%
90-120	457.1	7.7%
0-90	5,360.4	90.6%
90-180	553.4	9.4%
0-180	5,913.8	100%

PHYSICAL SPECIFICATIONS

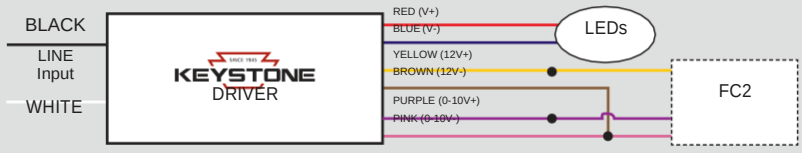


WIRING DIAGRAMS

0-10V Dimmer



KTSL-FC2-12V-SM-PIR Fixture Controller/Sensor



* The brown lead can be left un-used or attached to Dim -.

KT-MSLED90PS-8-8CSA-VDIM

LED MICROSTRIP FIXTURE

ACCESSORIES

SENSORS

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/PIR	KTS-PIR2-UV-KO	High Bay PIR Motion Sensor, 120-347V Input. Adjustable Standby Dim level, Hold Times & Daylight Threshold controls. Fixture Mount via 1/2 inch KO	843654123288	IOF-04
	/MW	KTS-MW3-UV-KO-K2	Microwave Sensor Kit, Includes 120-277V input to 12V DC convertor, IP65 12V input sensor head, Nomex Sleeve, Extension Neck. Bi-Level Control with Adjustable Hold Time, Dim Level and Standby Time. Installs via standard 1/2in KO	843654134352	TBV-76
	/FC2	KTSL-FC2-12V-SM-PIR	Bluetooth mesh wireless low voltage individual fixture controller for SmartLoop system with integrated daylight and PIR motion sensors, 12V, 0-10V Dimming	843654135236	TCM-01
	/HBFC1	KTSL-HBFC1-UV-KO-PIR	Bluetooth mesh Wireless Fixture Controller for SmartLoop System with integrated daylight and PIR motion sensor. 120-277V. 3A Max Load with 0-10V Dimming	843654129266	AEJ-50



Smart Loop PIR Sensor
KTSL-HBFC1-UV-KO-PIR



Fixture installed with KTSL-FC2-12V-SM-PIR
and KT-MSLED-SLB-1 bracket

** FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).*

(*Accessories continued on next* page)

KT-MSLED90PS-8-8CSA-VDIM

LED MICROSTRIP FIXTURE

ACCESSORIES (continued)

CORD SETS

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/515P6	KT-CS-515P-6-18/3	Cord set; 125V NEMA 5-15P; straight blade plug ;6' SJTOW cable; 18/3 wire	843654140124	UKH-26
	/L715P10	KT-CS-L715P-10-16/3	Cord set; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140131	SFV-88
	/L615P10	KT-CS-L615P-10-16/3	Cord set; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140148	ZQS-05
	/L515P10	KT-CS-L515P-10-16/3	Cord set; 125V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire	843654140155	GVH-22
	/L715P6	KT-CS-L715P-6-16/3	Cord set; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140162	DVU-44
	/L615P6	KT-CS-L615P-6-16/3	Cord set; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140179	LCW-66
	/L515P6	KT-CS-L515P-6-16/3	Cord set; 125V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire	843654140186	POC-82
	/NP10	KT-CS-NP-10-16/3	Cord; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire	843654140193	YOH-90
	/NP6	KT-CS-NP-6-16/3	Cord; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire	843654140216	HUB-73
	/NP15	KT-CS-NP-15-16/3	Cord; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire	843654140209	EYD-18



Cord Sets



** FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).*
***NOTE:** FOR CORD SETS NOT LISTED HERE, PLEASE CONTACT YOUR KEYSTONE SALES REP.*

EMERGENCY BACKUP

Factory-Installable OR Field-Installable (field-installable purchased separately)

P	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/EM5	KT-EMRG-LED-5C-500-SEN	LED Emergency Back-Up, One Piece Slim 5W Constant Wattage Design, Approx 500 Lumens. 90 Min Operation, 120-277V Input, CEC T20 Compliant. Includes Instruction Sheets, Test Switch, and Wiring Accessories	843654128276	CPO-29
	/EM12	KT-EMRG-LED-12C-1200	LED Emergency Back-Up, 12W Constant Wattage Design. Approx 1200 Lumens. 120-277V Input. Remote Compact Battery Pack. CEC T20 Compliant. Includes Instructions, Test Switch and Wiring Accessories.	843654103112	OJQ-32



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500-SEN



12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200

** FOR FACTORY INSTALLATION OF ACCESSORY, ADD SUFFIX TO FIXTURE PART NUMBER (SEE ORDERING EXAMPLES AND INSTRUCTIONS ON LAST PAGE OF SPEC SHEET).*
† FACTORY INSTALLATION OF EMERGENCY BACKUP UNITS WILL AUTOMATICALLY INCLUDE ANY RELEVANT MOUNTING BRACKET.

(*Accessories continued on next* page)

KT-MSLED90PS-8-8CSA-VDIM

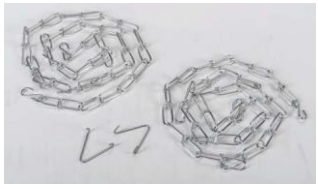
LED MICROSTRIP FIXTURE

ACCESSORIES (continued)

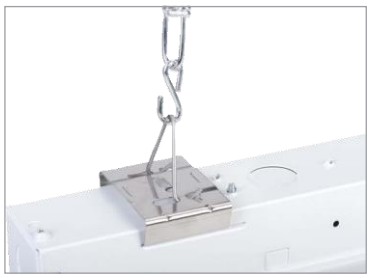
MOUNTS AND BRACKETS

Field-Installable / Field-Use ONLY (purchased separately)

CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-MSLED-VH-KIT	V-Hook and Chain Kit for Keystone Micro LED Strip fixtures. Includes (2) V-Hooks and (2) chains 40in long	843654121031	YAK-04
KT-MSLED-SLB-1	Microstrip Bracket for Smart Loop KTSL-FC2-12V-SM-PIR Sensor	843654135472	GGU-95
KT-MSLED-LSM-KIT	Linking Surface Mount Kit for MSLED fixtures. Includes End to End Metal bracket and KO grommet	843654126883	BCV-03



V-Hook and Chain Kit
KT-MSLED-VH-KIT





Linking Surface Mount Kit
KT-MSLED-LSM-KIT

KT-MSLED90PS-8-8CSA-VDIM

LED MICROSTRIP FIXTURE

ORDERING INFORMATION

ORDER CODE	PACK QUANTITY	UPC	EASY CODE	DLC PRODUCT ID
KT-MSLED90PS-8-8CSA-VDIM	1	843654134499	KQV-13	PJQT2B1T

CATALOG NUMBER BREAKDOWN

KT-MSLED90PS-8-8CSA-VDIM

1 2 3 4 5 6 7 8 9

1 Keystone Technologies
2 LED Microstrip Fixture
3 Wattage
4 Power Select
5 8' Nominal Length
6 80 CRI
7 Color Select
8 Color Select Designation
9 0–10V Dimming

8 Color Select Designation

A	3500K, 4000K, 5000K

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-MSLED90PS-8-8CSA-VDIM /PIR /NP10/EM5/VH

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-MSLED90PS-8-8CSA-VDIM /PIR /EM5/VH

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-MSLED90PS-8-8CSA-VDIM /PIR /NP10

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-MSLED90PS-8-8CSA-VDIM /PIR

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-MSLED90PS-8-8CSA-VDIM

KEYSTONE FIXTURE

CATALOG NUMBER
KT-MSLED90PS-8-8CSA-VDIM

SENSORS

P	SUFFIX	CATALOG NUMBER
P	/PIR	KTS-PIR2-UV-KO

CORD SETS

P	SUFFIX	CATALOG NUMBER
P	/NP10	KT-CS-NP-10-16/3

EMERGENCY BACKUP

P	SUFFIX	CATALOG NUMBER
P	/EM5	KT-EMRG-LED-5C-500-SEN

MOUNTS AND BRACKETS

P	SUFFIX	CATALOG NUMBER
P	/VH	KT-MSLED-VH-KIT

** WHEN ORDERING MORE THEN ONE FACTORY-INSTALLED ACCESSORY, USE MULTIPLE SUFFIXES AS SHOWN IN THE ORDERING EXAMPLES ABOVE.*
***NOTE:** ALL ACCESSORIES CAN ALSO BE ORDERED SEPARATELY FOR FIELD INSTALLATION USING JUST THEIR REGULAR CATALOG NUMBER, UPC, OR EASY CODE.*

Option #3: Motion Sensors

369904n 1 11.11.22

Vive Maestro Wireless Dimmers and Switches

The Maestro Wireless solution incorporates Maestro Wireless load controls, wireless sensors, and wireless remote controls, which provide a system that delivers energy savings, convenience, and ease of installation.

Maestro Wireless dimmers and switches use Lutron patented Clear Connect RF Technology, which enables wireless communication with Radio Powr Savr sensors and Pico remote controls for light control and general switched loads.

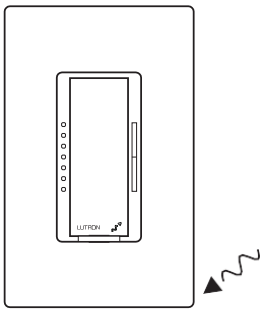
These products are also compatible with the Vive hub which enables a simple setup process using a standard web browser on any Wi-Fi enabled phone, tablet or computer. It also enables control and monitoring of all Vive devices. The Vive hub can be added at any time. System reprogramming will be required. For a complete list of features supported with the Vive hub, see specification submittal 369902.

Note for Replacement: MRF2S - the “S” model can replace the non-”S” model.

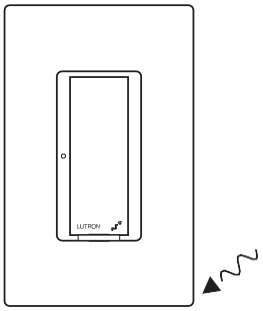
Features

- The Maestro Wireless solution provides dimming / switching of multiple load types, occupancy/vacancy sensing, and daylight harvesting.
- Lutron patented Clear Connect RF Technology works through walls and floors.
- Incorporates advanced features such as fade ON/fade OFF, high-end trim, and rapid full-ON (a Vive hub is required to set high-end trim).
- Controls include Front Accessible Service Switch (FASS) for safe lamp replacement.
- Two-wire dimmers and switches available for retrofit applications.
- Power failure memory: If power is interrupted, the control will return to its previously set level prior to interruption.

Receiving Devices
Maestro Wireless Controls

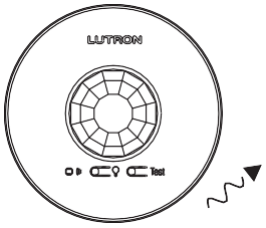


Neutral and Non-Neutral Dimmers

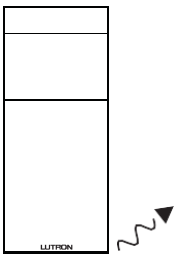


Neutral and Non-Neutral Switches

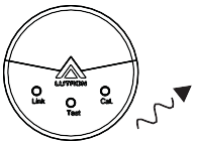
Transmitting Devices
Radio Powr Savr Sensors



Ceiling-Mounted Occupancy and Vacancy Sensors

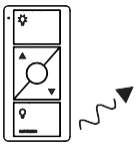


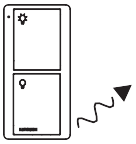
Wall-Mounted Occupancy and Vacancy Sensors



Daylight Sensors

Pico Remote Controls





Job Name:	Model Numbers:	
Job Number:		

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Maestro Wireless Dimmers

Models Available

Dimmers

Dimmer



CFL/ LED / Halogen/ Incandescent

MRF2S-6CL-XX[1] 150 W CFL/LED Dimmer
600 W / 600 VA Incandescent, 120 V~
250 W (6 max) Lutron Hi-lume 1% 2-wire (LTE) LED drivers

MRF2S-6ND-120-XX[1,2] 600 W/600 VA Spec-Grade Neutral Wire Dimmer, 120 V~
150 W CFL / LED Dimmer
350 W (8 max) Lutron Hi-lume 1% 2-wire (LTE) LED drivers

Electronic Low-Voltage Dimmer

MRF2S-6ELV120-XX[1] 600 W ELV Dimmer 120 V~ (neutral required)
150 W CFL / LED Dimmer

Companion Dimmers

Companion Dimmer



Claro Gloss Finishes

MA-R-XX[1,2] Companion Dimmer 120 V~

Satin Colors Satin Finishes

MSC-AD-XX[1] Companion Dimmer 120 V~

[1] "XX" in the model number represents color / finish code. See Colors and Finishes at end of document.

[2] BAA-compliant model numbers available. Add a "U" prefix to the model number. For a complete list of BAA/ TAA compliant products please visit our website at Lutron.com/BAA and select "Download BAA Product List".

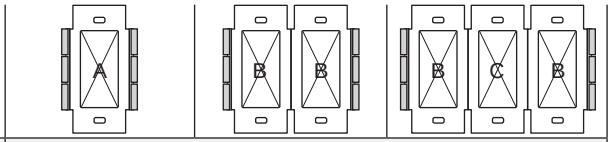
Job Name:	Model Numbers:	
Job Number:		

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Ganging and Derating

When combining controls in the same wallbox, derating is required.

Dimmer Load Type and Capacity



No Neutral Required

Control	Voltage	Load Type	Minimum Load	Maximum Load		
				A: Not Ganged	B: End of Gang	C: Middle of Gang
MRF2S-6CL [1,2,3]	120 V~	CFL / LED	See lamp list	See *Mixing Lamp Types*		
		Incandescent/ Halogen	50 W	600 W	500 W	400 W
		Hi-lume 1% 2-wire (LTE) LED driver	1 driver	250 W (6 drivers)	250 W (6 drivers)	250 W (6 drivers)

Neutral Required

Control	Voltage	Load Type	Minimum Load	Maximum Load		
				A: Not Ganged	B: End of Gang	C: Middle of Gang
MRF2S-6ELV120 [1,2]	120 V~	ELV	5 W	600 W	500 W	400 W
		CFL / LED	See lamp list	See *Mixing Lamp Types*		
MRF2S-6ND-120 [1,2,3]	120 V~	Incandescent/ Halogen	25 W	600 W	500 W	400 W
		MLV [2]	25 W / VA	450 W / 600 VA	400 W / 500 VA	300 W / 400 VA
		CFL / LED	See lamp list	See *Mixing Lamp Types*		
		Hi-lume 1% 2-wire (LTE) LED driver	1 driver	350 W (8 drivers)	350 W (8 drivers)	350 W (8 drivers)

Note: Do not mix ELV and MLV load types on a single control.

[1] Dimmer Load Type:
- MRF2S-6CL is designed for use with permanently-installed incandescent, CFL, LED, or tungsten halogen only.
- MRF2S-6ND-120 is designed for use with permanently-installed incandescent, CFL, LED, magnetic low-voltage, or tungsten halogen only. Can control Power Modules (PHPM-PA-DV, PHPM-3F-DV-WH, PHPM-WBX-DV-WH, and GRX-TVI) and legacy interfaces Hi-Power 2•4•6 Boosters (HP-2, HP-4, HP-6).
- MRF2S-6ELV120 is designed for use with permanently-installed electronic low-voltage, incandescent, CFL, LED or tungsten/halogen only. Do not install dimmers to control receptacles or motor-operated appliances.

[2] Low-Voltage Applications:
- Use MRF2S-6ND-120 with magnetic (core and coil) low-voltage transformers only. Not for use with electronic (solid-state) low-voltage transformers.
- Use MRF2S-6ELV120 with electronic (solid-state) low-voltage transformers only. Operation of a low-voltage circuit with lamps inoperative or removed may result in transformer overheating and premature failure. Lutron strongly recommends the following:
  - Do not operate low-voltage circuits without operative lamps in place.
  - Replace burned-out lamps as quickly as possible.
  - Use transformers that incorporate thermal protection or fused transformer primary windings to prevent transformer failure due to overcurrent.
- See Application Note #559 for dimming low voltage LEDs.

[3] BAA-compliant model numbers available. Add a "U" prefix to the model number. For a complete list of BAA/TAA compliant products please visit our website at Lutron.com/BAA and select "Download BAA Product List".

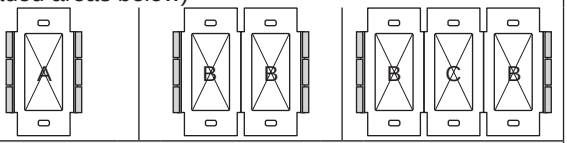
Mixing Lamp Types

Mixing lamp types (using a combination of CFL/LED, and Incandescent/Halogen bulbs) and ganging with other dimmers or electronic switches may reduce maximum wattage, as shown.

Example: If fins from one side of dimmer are removed and you have two 24 W bulbs installed (total CFL Wattage = 48 W), you may add up to 300 W of incandescent or halogen lighting.

Example: If a dimmer is installed in location "B" above and there are two 24 W CFL bulbs installed (Total CFL Wattage = 48 W), you may add up to 300 W of incandescent or halogen lighting.

Do not remove outside fins on ends of ganged controls (shaded areas below)



Total CFL/LED Wattage		Total Incandescent/ Halogen Wattage				
		A: Not Ganged		B: End of Gang		C: Middle of Gang
MRF2S-6CL						
0 W	+	50 W – 600 W	Or	50 W – 500 W	Or	50 W – 400 W
1 W – 25 W	+	0 W – 500 W	Or	0 W – 400 W	Or	0 W – 300 W
26 W – 50 W	+	0 W – 400 W	Or	0 W – 300 W	Or	0 W – 200 W
51 W – 75 W	+	0 W – 300 W	Or	0 W – 200 W	Or	0 W – 100 W
76 W – 100 W	+	0 W – 200 W	Or	0 W – 100 W	Or	0 W – 50 W
101 W – 125 W	+	0 W – 100 W	Or	0 W – 50 W	Or	0 W
126 W – 150 W	+	0 W	Or	0 W	Or	0 W

Job Name:

Job Number:

Model Numbers:

Maestro Wireless Switches

Models Available

Switches

Lighting and motor loads

MRF2S-6ANS-XX[1,2,4]	6 A Lighting / 3 A Fan (1/10 HP motor), Electronic Switch 120 V~
MRF2S-8ANS120-XX[1,2,4]	8 A Lighting, 5.8 A Fan (1/4 HP motor), Spec-Grade Electronic Switch 120 V~
MRF2S-8S-DV-XX[2,3,4]	8 A Lighting, 3 A Fan (1/10 HP motor, 120 V~ only), Spec-Grade Electronic Switch 120–277 V~, no neutral wire required

Switch



Companion Switches

Claro Gloss Finishes

MA-AS-XX[2,4]	Companion Switch 120 V~

Satin Colors Satin Finishes

MSC-AS-XX[4]	Companion Switch 120 V~

Companion Switch



[1] Neutral wire required.

[2] BAA-compliant model numbers available. Add a “U” prefix to the model number. For a complete list of BAA/TAA compliant products please visit our website at Lutron.com/BAA and select “Download BAA Product List”.

[3] May require LUT-MLC (included with MRF2S-8S-DV models) to ensure proper function with low-wattage load types. See page 11 for details. If controlling Type B TLED bulbs, consult Application Note 812 (P/N 048812) on www.lutron.com

[4] “XX” in the model number represents color / finish code. See Colors and Finishes at end of document.

Job Name:	Model Numbers:	
Job Number:		

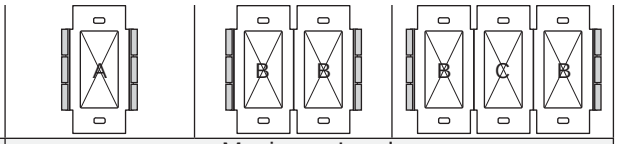
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Ganging and Derating

When combining controls in the same wallbox, derating is required.

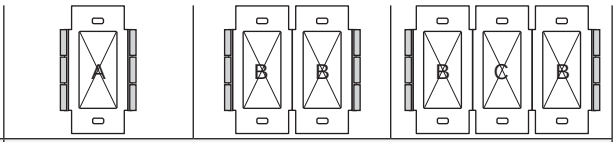
Switch Load Type and Capacity

Neutral Required



Control	Voltage	Load Type	Minimum Load	Maximum Load		
				A: Not Ganged	B: End of Gang	C: Middle of Gang
MRF2S-8ANS120 [1,2,5]	120 V~	Lighting	25 W	8 A	6.5 A	5 A
		Fan Motor	0.2 A	1/4 HP (5.8 A)	1/4 HP (5.8 A)	1/6 HP (4.4 A)
MRF2-6ANS [1]	120 V~	Lighting	25 W	6 A	5 A	3.5 A
		Fan Motor	0.2 A	1/10 HP (3 A)	1/10 HP (3 A)	1/10 HP (3 A)

No Neutral Required



Control	Voltage	Load Type	Minimum Load	Maximum Load		
				A: Not Ganged	B: End of Gang	C: Middle of Gang
MRF2S-8S-DV [1,5]	120–277 V~	Incandescent/Halogen	25 W	8 A	8 A/7 A [4]	7 A
	120–277 V~	Fluorescent/LED/CFL	40 W (LUT-MLC) [3]	8 A	8 A/7 A [4]	7 A
	120 V~	Fan Motor	0.4 A	1/10 HP (3 A)	1/10 HP (3 A)	1/10 HP (3 A)

[1] Switch Load Type:

- MRF2S-8ANS120 is designed for use with permanently-installed lighting loads and with fan motor loads up to 1/4 HP (5.8 A).
- MRF2S-8S-DV is designed for use with permanently-installed lighting loads and with fan motor loads up to 1/10 HP (3 A, 120 V~ only).
- MRF2-6ANS is designed for use with permanently-installed lighting loads and with fan motor loads up to 1/10 HP (3 A).

[2] For loads larger than 8 A (120 V~), the MRF2S-8ANS120 switch can be used with the PHPM-SW-DV-WH power booster.

[3] The LUT-MLC ensures proper function with low-wattage fluorescent, CFL, and LED load types. See page 11 for details.

[4] Maximum load for double-gang application is 8 A. Triple-gang application derates maximum load to 7 A.

[5] BAA-compliant model numbers available. Add a “U” prefix to the model number. For a complete list of BAA/TAA compliant products please visit our website at Lutron.com/BAA and select “Download BAA Product List”.

Job Name:	Model Numbers:	
Job Number:		

Specifications

Regulatory Approvals

- UL® Listed.
- cUL® Listed (MRF2S-6CL only).
- CSA Certified (except for MRF2S-6CL).
- FCC Approved. Complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
- Industry Canada Certified.
- The following model numbers have been tested and found compliant with UL 2043 for use in air handling spaces: MRF2S-6CL-GR, MRF2S-6ELV-GR, MRF2S-6ND-GR. However, the RMJS-PNE-DV Phase Selectable PowPak is the recommended solution for these applications.

Power

Operating voltage:

- 120 V~ 50/60 Hz (all models)
- 277 V~ 50/60 Hz (MRF2S-8S-DV)

Environment

- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C)
- 0% to 90% humidity, non-condensing.
- Indoor use only.
- All drivers and ballasts used with Vive wireless controls must comply with the limits for a Class A device pursuant to Part 15 of the FCC Rules.

Key Design Features

Dimmers

- On a single-tap, lights fade UP or DOWN.
- On a double-tap, lights go to full ON.
- Light levels can be fine-tuned by pressing and holding the dimming rocker until the desired light level is reached.
- Two-wire dimmers available.

Switches

- On a single-tap, lights turn ON or OFF.
- Two-wire switches available.

All RF Local Controls

- Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
- Controls always operate locally and do not require system control.
- Power failure memory: should power be interrupted, the control will return to its previously-set level prior to the interruption when power is restored.
- Uses conventional 3-way and 4-way wiring.
- Multiple location control from dimmer / switch and up to nine companion dimmers / switches.
- Use Lutron Designer (Claro and Satin Colors) wallplates or designer-style wallplates from other manufacturers. Wallplates are sold separately.
- Lutron Claro and Satin Colors wallplates snap on with no visible means of attachment.
- Requires a one-gang U.S. wallbox; 3½ in (89 mm) deep recommended, 2¼ in (57 mm) deep minimum.
- Green indicator lights.

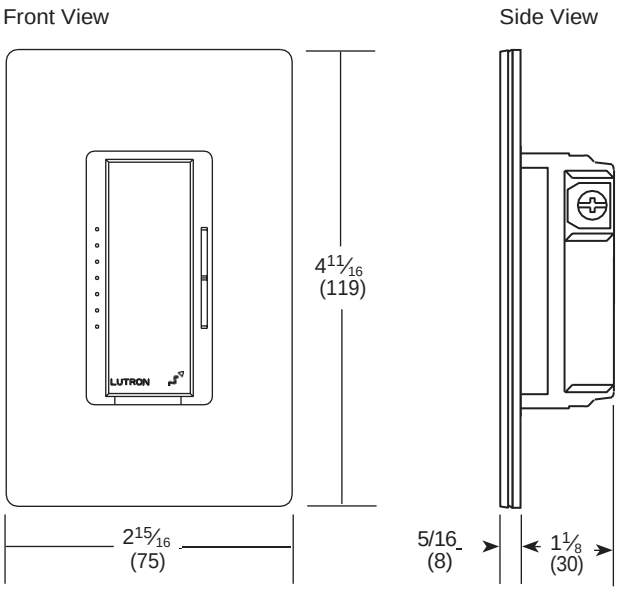
System Communications and Capacity

- Maestro Wireless controls communicate with the Pico remote controls and Radio Power Savr sensors through radio frequency (RF).
- Receives wireless inputs from up to 10 Pico remote controls, 10 Radio Powr Savr occupancy / vacancy sensors, and 1 Radio Powr Savr daylight sensor
- Maestro Wireless local controls must be located within 60 ft (18 m) line-of-sight or 30 ft (9 m) through walls, of Radio Power Savr sensors. The 60 ft (18 m) range is not reduced by a ceiling tile obstruction.
- Maestro Wireless local controls must be located within 60 ft (18 m) line-of-sight or 30 ft (9 m) through walls, of a Pico remote control. The 60 ft (18 m) range is not reduced by a ceiling tile obstruction.

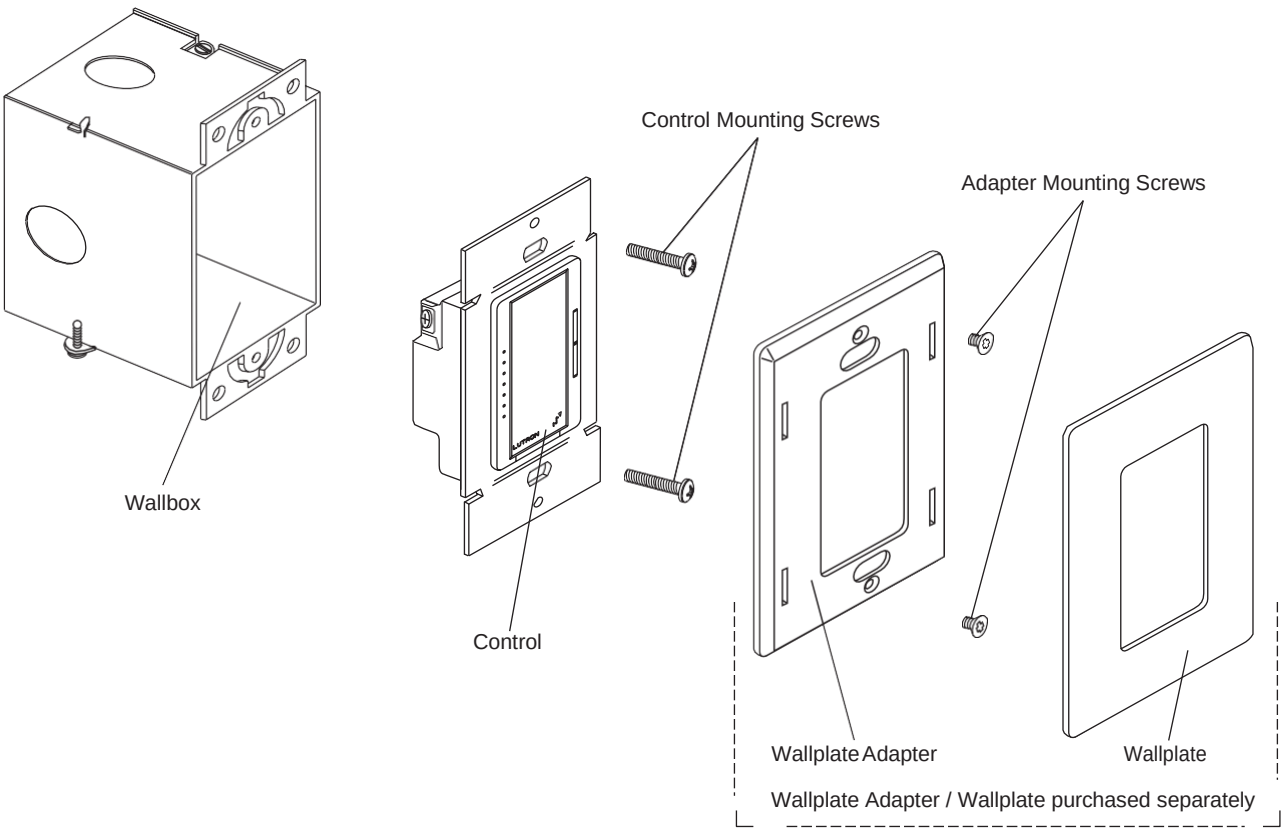
Job Name:	Model Numbers:	
Job Number:		

Dimensions

All dimensions are shown as: in (mm)



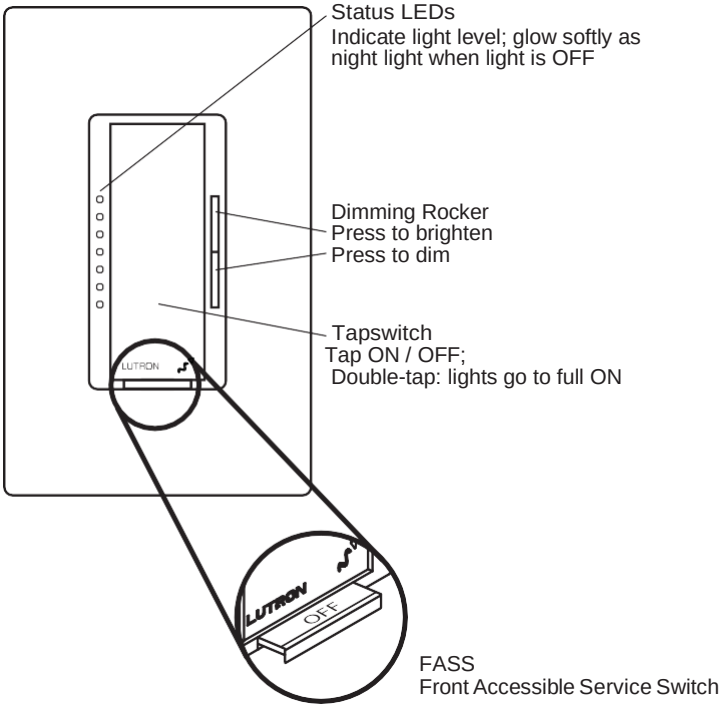
Mounting



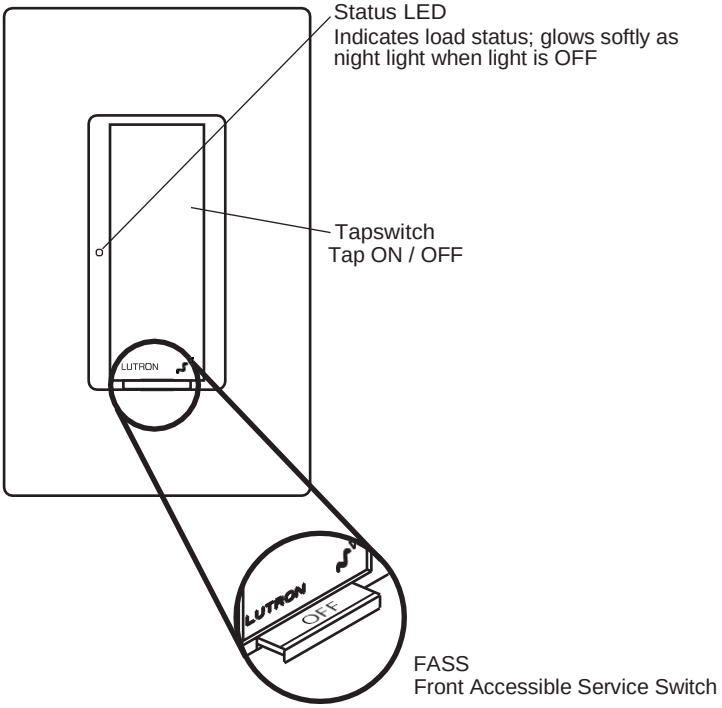
Job Name:	Model Numbers:	
Job Number:		

Operation

Dimmer



Switch

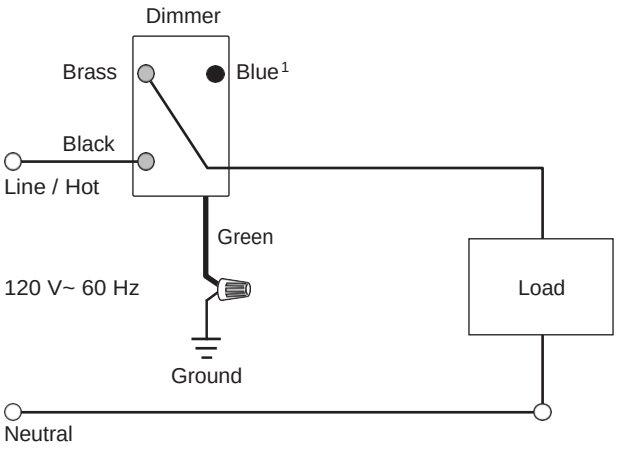


FASS Front Accessible Service Switch
Important Notice: To service load, remove power by pulling the FASS out completely on either the dimmer / switch or companion dimmer / switch. After servicing load, push the FASS back in fully to restore power to the control.

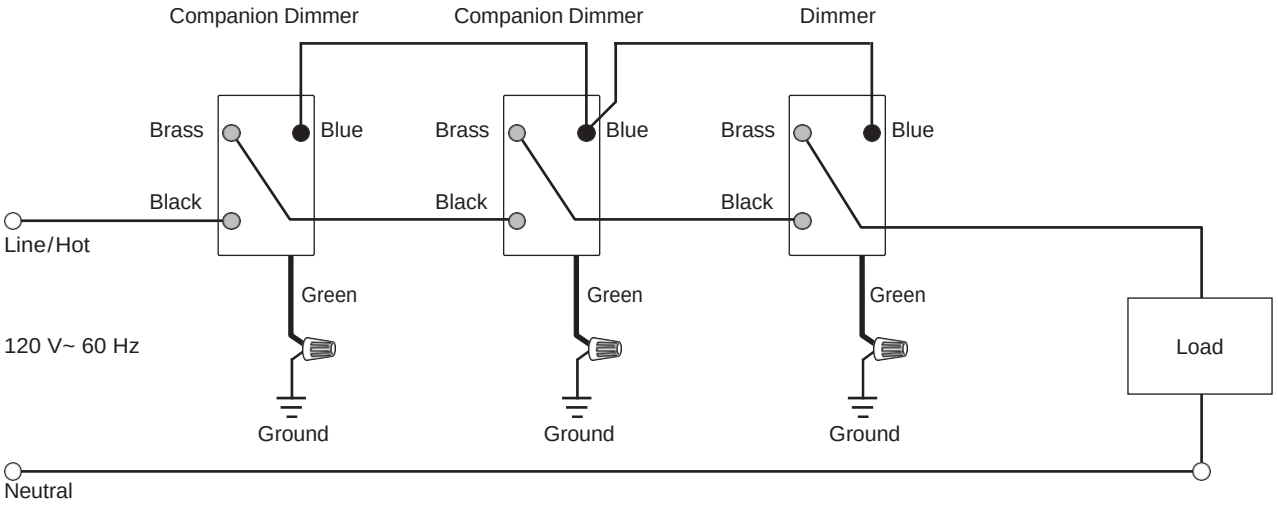
Job Name:	Model Numbers:	
Job Number:		

Wiring Diagrams

Single-Location Dimmer Installation without Neutral
MRF2S-6CL



Multi-Location Dimmer Installation without Neutral [2]
MRF2S-6CL with MA-R / MSC-AD

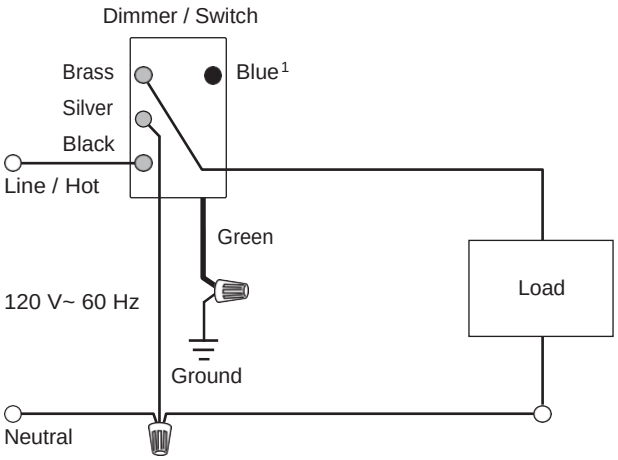


[1] When using controls in single location installations, tighten the blue terminal without any wires attached. Do not connect the blue terminal to any other wiring or to ground.
[2] Up to nine Maestro companion dimmers may be connected to the Maestro Wireless dimmer. Total blue terminal wire length may be up to 250 ft (76 m).

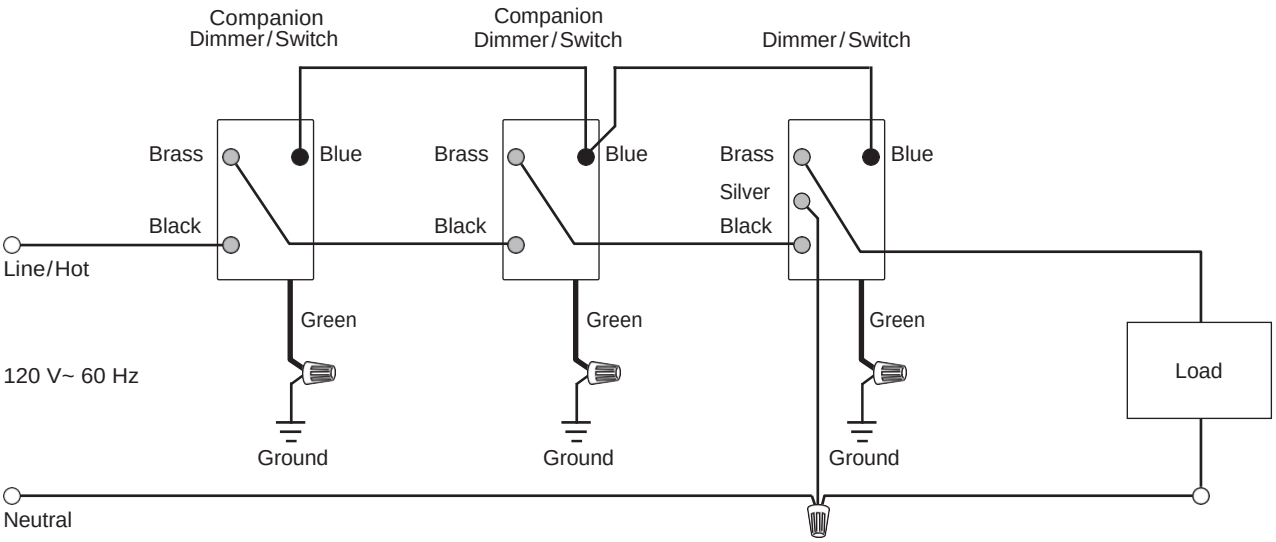
Job Name:	Model Numbers:	
Job Number:		

Wiring Diagrams (continued)

Single-Location Dimmer/ Switch Installation with Neutral
MRF2S-6ND-120, -6ELV120, -8ANS120, and -6ANS



Multi-Location Dimmer/ Switch Installation with Neutral [2,3]
MRF2S-6ND-120 and -6ELV120 with MA-R / MSC-AD or MRF2S-8ANS120 and -6ANS with MA-AS / MSC-AS



[1] When using controls in single location installations, tighten the blue terminal without any wires attached. Do not connect the blue terminal to any other wiring or to ground.

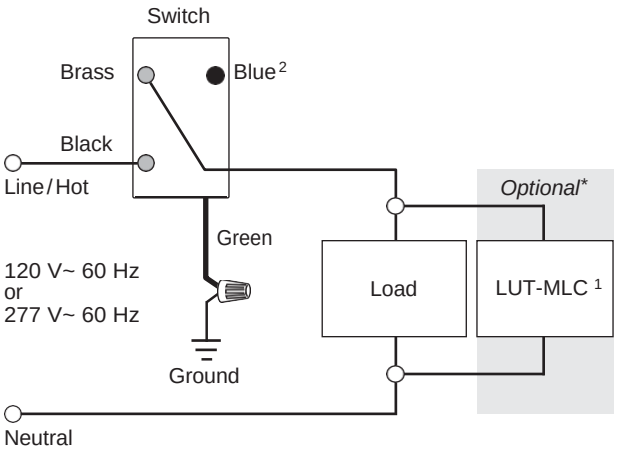
[2] Up to nine Maestro companion dimmers/switches may be connected to the Maestro Wireless dimmer/switch. Total blue terminal wire length may be up to 250 ft (76 m).

[3] Neutral-wire dimmers / switches must be connected on the Load side of a multi-location installation.

Job Name:	Model Numbers:	
Job Number:		

Wiring Diagrams (continued)

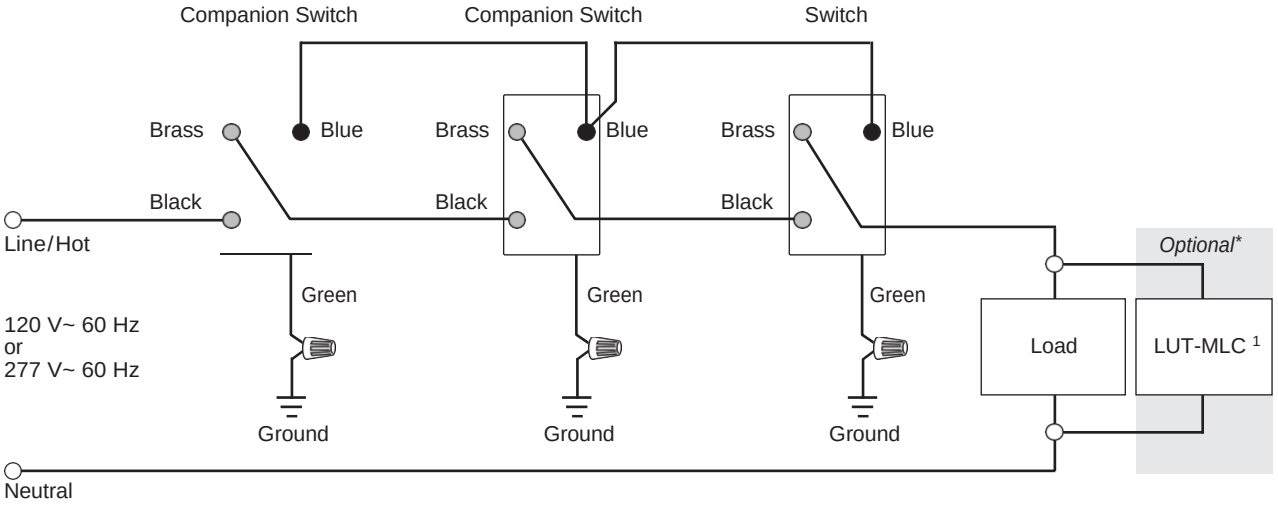
Single-Location Switch Installation with LUT-MLC [1]
MRF2S-8S-DV



* Optional Procedure:
Using LUT-MLC with MRF2S-8S-DV-XX

- Install MRF2S-8S-DV-XX first without LUT-MLC to see if required. Check for problems with load.
- Problems can occur when low-wattage loads are used (< 40 W).
- If controlling Type B TLED bulbs, consult Application Note 812 (P/N 048812) on www.lutron.com
- Watch for flickering loads when dimmer is in electronic OFF state.
- If required, LUT-MLC can be installed between switched hot and neutral in wallbox if neutral is present, or in any fixture on the switched circuit.

Multi-Location Switch Installation with LUT-MLC [1,2,3]
MRF2S-8S-DV with MA-AS / MA-AS-277 or MSC-AS / MSC-AS-277 [4]

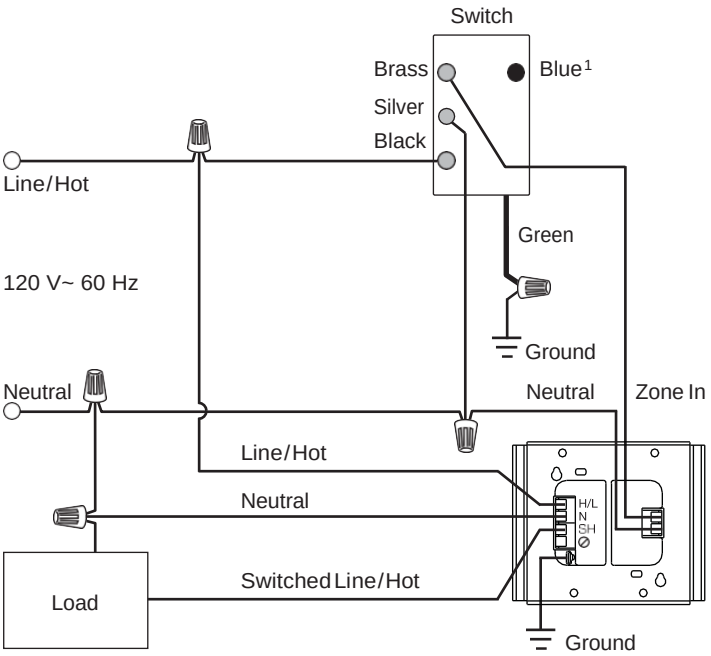


[1] A LUT-MLC ensures proper function when fluorescent, CFL, or LED loads are used. Install the LUT-MLC inside a load fixture or in a separate J-box within the circuit.
[2] When using controls in single-location installations, tighten the blue terminal without any wires attached. Do not connect the blue terminal to any other wiring or to ground.
[3] Up to nine Maestro companion switches may be connected to the Maestro Wireless switch. Total blue terminal wire length may be up to 250 ft (76 m).
[4] Requires MA-AS / MSC-AS for 120 V~ applications, and MA-AS-277 / MSC-AS-277 for 277 V~ applications.

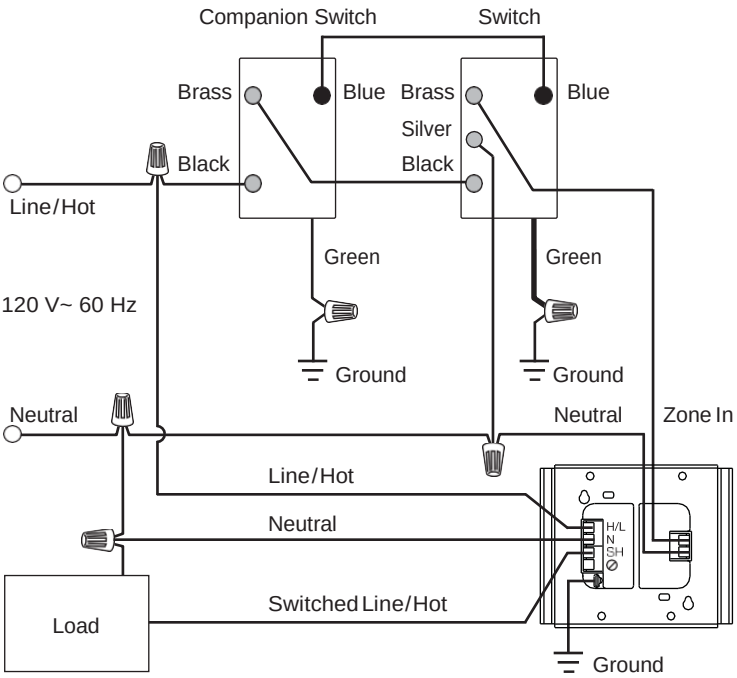
Job Name:	Model Numbers:	
Job Number:		

Wiring Diagrams (continued)

Single-Location Switch Installation with Power Booster Single Feed
MRF2S-8ANS120 and -6ANS with PHPM-SW-DV-WH



Multi-Location Switch Installation with Power Booster Single Feed [2,3]
MRF2S-8ANS120 and -6ANS with MA-AS / MSC-AS and PHPM-SW-DV-WH

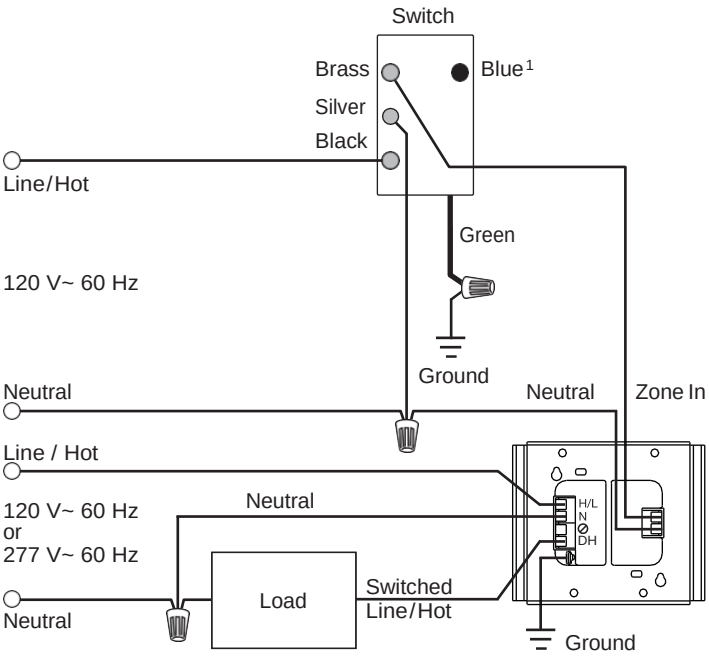


1 When using controls in single-location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro companion switches may be connected to the Maestro Wireless switch. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire switches must be connected on the Load side of a multi-location installation.

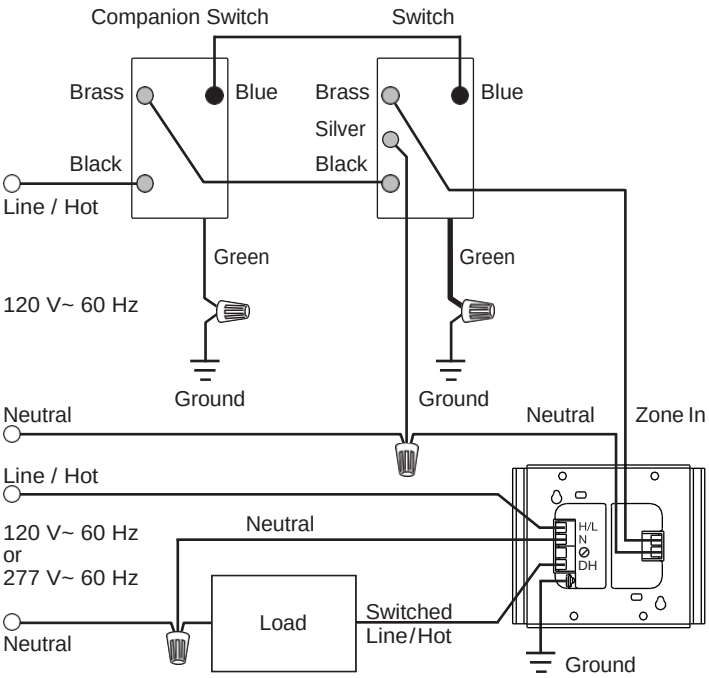
Job Name:	Model Numbers:	
Job Number:		

Wiring Diagrams (continued)

Single-Location Switch Installation with Power Booster Dual Feed
MRF2S-8ANS120 and -6ANS with PHPM-SW-DV-WH



Multi-Location Switch Installation with Power Booster Dual Feed [1,2]
MRF2S-8ANS120 and -6ANS with MA-AS / MSC-AS and PHPM-SW-DV-WH

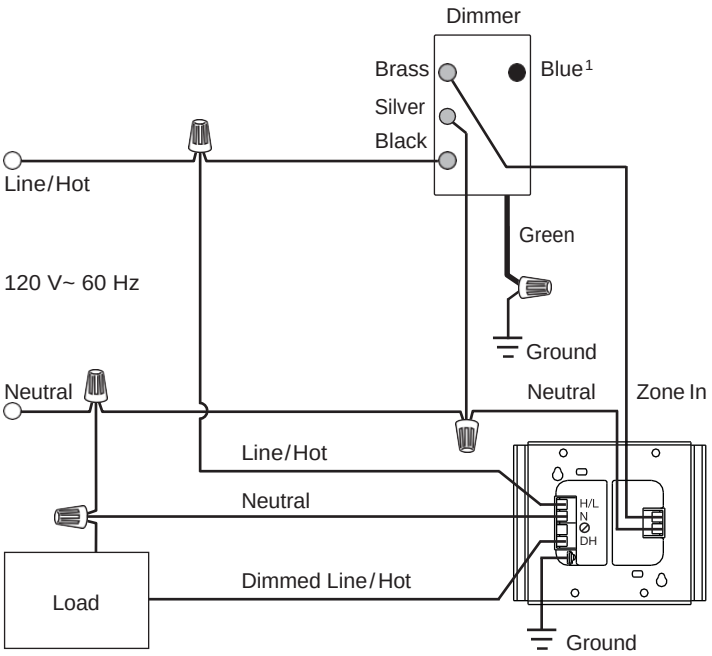


1 When using controls in single-location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro companion switches may be connected to the Maestro Wireless switch. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire switches must be connected on the Load side of a multi-location installation.

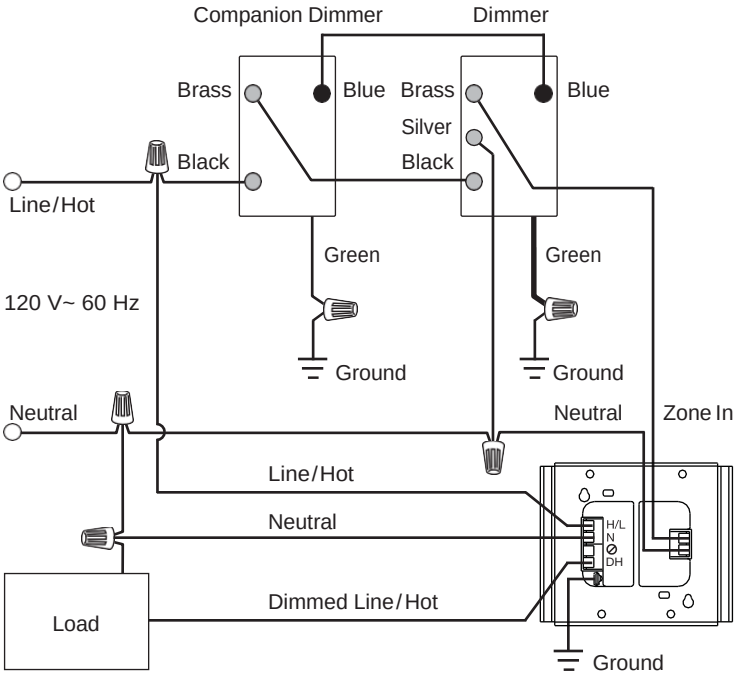
Job Name:	Model Numbers:	
Job Number:		

Wiring Diagrams (continued)

Single-Location Dimmer Installation with Power Booster Single Feed
MRF2S-6ND-120 with PHPM-PA-DV-WH



Multi-Location Dimmer Installation with Power Booster Single Feed [2,3]
MRF2S-6ND-120 with MA-R / MSC-AD and PHPM-PA-DV-WH

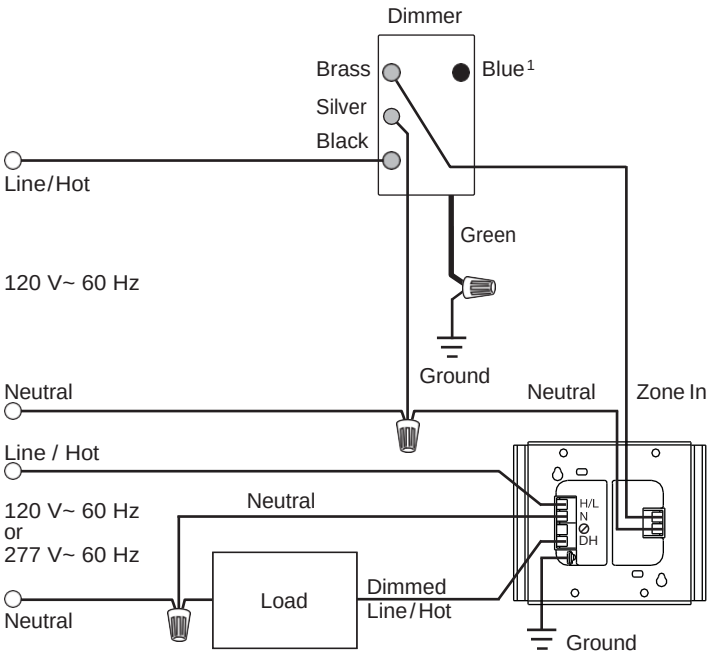


1 When using controls in single-location installations, tighten the blue terminal. Do not connect the blue terminal to any other wiring or to ground.
2 Up to nine Maestro companion dimmers may be connected to the Maestro Wireless dimmer. Total blue terminal wire length may be up to 250 ft (76 m).
3 Neutral-wire dimmers must be connected on the Load side of a multi-location installation.

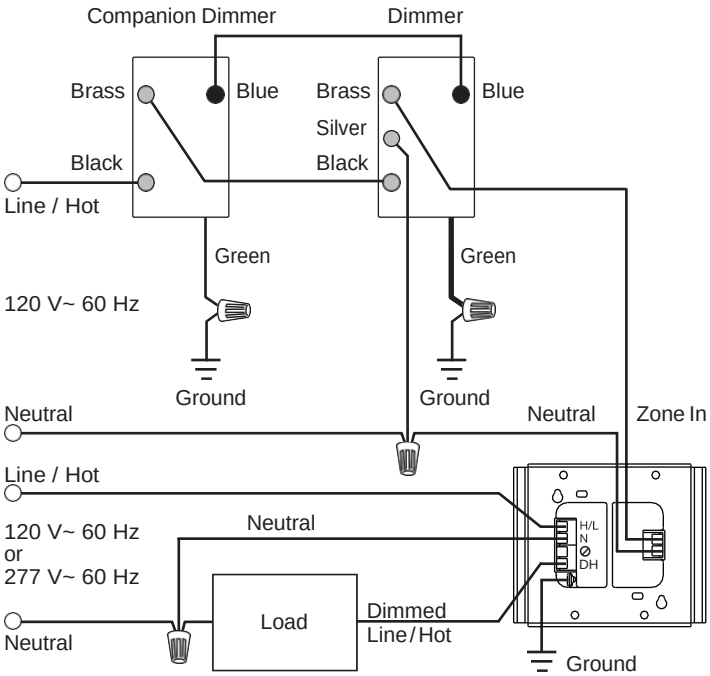
Job Name:	Model Numbers:	
Job Number:		

Wiring Diagrams (continued)

Single-Location Dimmer Installation with Power Booster Dual Feed
MRF2S-6ND-120 with PHPM-PA-DV-WH



Multi-Location Dimmer Installation with Power Booster Dual Feed [2,3]
MRF2S-6ND-120 with MA-R / MSC-AD and PHPM-PA-DV-WH



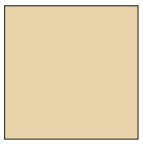
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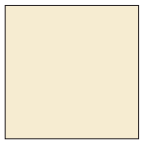
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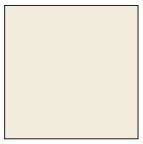
Colors and Finishes

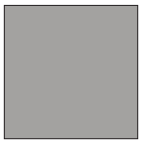
Gloss Finishes


White
WH


Ivory
IV


Almond
AL


Light Almond
LA


Gray
GR

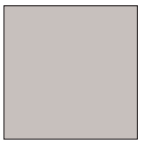

Brown
BR

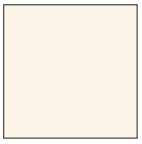

Black
BL

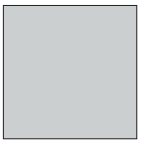
Satin Finishes


Snow White
SW


Midnight
MN


Taupe
TP


Biscuit
BI


Palladium
PD


Hot
HT

For the latest color offerings please see our website:
http://www.lutron.com/satincolors

Metal Finish (wallplate only)


Stainless Steel
SS

When using Stainless Steel wallplates, it is recommended that you order the dimmer/switch in Midnight (MN).

- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching:
  Gloss Finishes: DG-CK-1
  Satin Finishes: SC-CK-1

The Lutron logo, Lutron, Maestro, Maestro Wireless, Clear Connect, Pico, Claro, Vive, FASS, Hi-Power 2•4•6, Radio Powr Savr, Hi-lume, and the design of the Pico remote are trademarks or registered trademarks of Lutron Electronics Co., Inc. in the US and/or other countries.

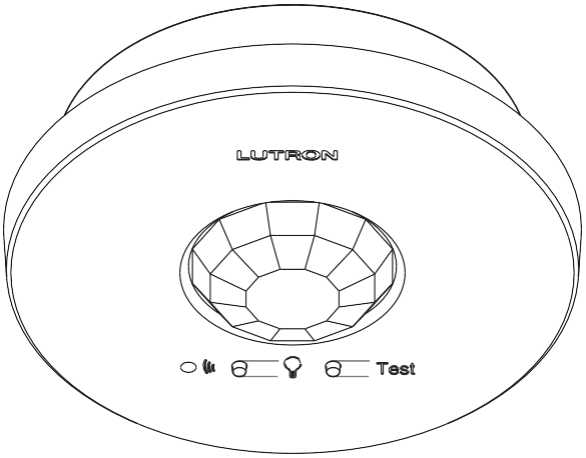
All other product names, logos, and brands are property of their respective owners.

Job Name:	Model Numbers:	
Job Number:		

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Radio Powr Savr Wireless Occupancy/Vacancy Ceiling Sensor

Lutron Radio Powr Savr occupancy/vacancy sensors are wireless, battery-powered, passive infrared (PIR) sensors that automatically control lights via RF communication to compatible dimming and switching devices. These sensors detect the heat (IR radiation of 9.5 µm) from people moving within an area to determine when the space is occupied. The sensors then wirelessly transmit the appropriate commands to the associated dimming and switching devices to turn the lights on or off automatically. They combine both convenience and exceptional energy savings potential along with ease of installation.



Features

- Wireless occupancy sensor has 3 settings available: Auto-On/Auto-Off, Auto-On Low-Light/Auto-Off, and Manual-On/Auto-Off
- Auto-On Low-Light feature will turn lights on automatically only if there is less than approximately 10 Lux (1 fc) of ambient light
- Vacancy-only model available to meet California (U.S.A.) Title 24 requirements
- Uses Clear Connect technology
- Passive infrared motion detection with exclusive Lutron XCT Technology for fine motion detection
- 360˚ coverage ranges from 324 ft^2 (30.2 m^2) to 676 ft^2 (62.4 m^2), depending on mounting height
- Simple and intuitive adjustments available for Timeout, Auto-On, and Activity settings
- Supports advanced occupancy features, such as dependent occupancy groups and customizable occupied/unoccupied presets in some systems
- Multiple sensors can be added for extended coverage. Refer to product specification submittal of receiving device to determine system limits
- Lens illuminates during test mode to verify ideal locations
- Multiple ceiling-mount methods available for different ceiling materials
- Front accessible test buttons make programming easy
- 10-year battery life design
- RoHS compliant

Models Available

- LRF -OCR2B-P-WH
  - Color Code
  - Occupancy and Vacancy
  - Frequency / Channel Code
- LRF2-VCR2B-P-WH
  - Vacancy Only
  - Available for Channel Code 2 Only

Frequency/ Channel Codes

Available

2 = 431.0 – 437.0 MHz (U.S.A., Canada, Mexico, Brazil)
3 = 868.125 – 869.850 MHz (Europe, U.A.E.)
4 = 868.125 – 868.4755 MHz (China, Singapore)
5 = 865.5 – 866.5 MHz (India)
6 = 312.3 – 314.8 MHz (Japan)
7 = 433.05 – 434.79 MHz (Hong Kong, Macau)

Color Code

WH = White

Compatible RF Devices

- For use with Lutron products only
- Supports simultaneous association with multiple Lutron Clear Connect devices and/or systems*

* Contact Lutron Customer Service at www.lutron.com/support for frequency / channel code compatibility with your particular geographic region, and for integrating with other Lutron lighting and shading products.

SPECIFICATION SUBMITTAL

Job Name:	Model Numbers:	
Job Number:		

Specifications

Regulatory

- Lutron Quality Systems Registered to ISO 9001:2008

Regulatory Approvals

LRF2- (USA and Canada)

- cULus Listed
- FCC certified
- IC certified
- Meets CA (U.S.A.) Energy Commission Title 24 requirements
- COFETEL certified
- ANATEL certified
- SUTEL certified

LRF3-

- CE marked (European Union)
- TRA type approval (United Arab Emirates)
- CITC type approval (Saudi Arabia)

LRF4-

- SRRC type approval (Mainland China)
- iDA registered (Singapore)

LRF5-

- WPC Type (India)

LRF6-

- 007YUUL0689

LRF7-

- FCC

Power/ Performance

- Operating voltage: 3 V⎓
- Operating current: 14 µA nominal
- Requires one CR 123 lithium battery
- 10-year battery life
- Non-volatile memory (saved changes are stored during power loss)

Environment

- Temperature: 32 ˚F to 104 ˚F (0 ˚C to 40 ˚C)
- For indoor use only
- Relative humidity: less than 90% non-condensing

Warranty

- 5-Year Limited Warranty. For additional Warranty information, please visit www.lutron.com/TechnicalDocumentLibrary/Sensor_Warranty.pdf

RF Range

LRF2-, LRF3-, LRF4-, LRF5-, LRF7-

Local load controls must be located within 60 ft (18 m) line-of-sight, or 30 ft (9 m) through walls, of a sensor.

LRF6-

Local load controls must be located within 40 ft (12.2 m) line-of-sight, or 23 ft (7 m) through walls, of a sensor.

Sensor Coverage Test

- Front accessible test button
- Lens illuminates orange in response to motion during test mode and is visible from 60 ft (18 m)

Wireless Communication Test

- Front accessible test button
- Turn associated loads on and off

Timeout Options

- 1 minute*
- 5 minutes
- 15 minutes (default setting)
- 30 minutes

Auto-On Options (Occupancy Versions Only)

- *Enabled*: Sensor turns lights ON and OFF automatically (default setting).
- *Low Light*: Sensor turns lights ON automatically only in low ambient light conditions; sensor turns lights OFF automatically.
- *Disabled***: Lights must be turned ON manually from dimming or switching device; sensor turns lights OFF automatically.

Activity Options

- *Low Activity*: (default setting)
- *Medium Activity*:
- *High Activity*:

* Intended for use in high-activity, briefly occupied areas only.

** During the 15-second grace period that begins when the lights are automatically turned off, the lights will automatically turn back on in response to motion. This grace period is provided as a safety and convenience feature in the event the lights turn off while the room is still occupied, so that the user does not need to manually turn the lights back on. After 15 seconds, the grace period expires and the lights must be manually turned on.

Job Name:	Model Numbers:	
Job Number:		

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Installation Overview

Sensor Setup

- Sensor setup is available as a service by Lutron. For more information see the Sensor Layout and Tuning service document (Lutron P/N 3601235).

Sensor Placement

- To detect motion, the sensor requires line-of-sight of room occupants. The sensor must have an unobstructed view of the room. DO NOT mount behind or near tall cabinets, shelves, hanging fixtures, ceiling fans, etc. The sensor cannot see through glass objects such as patio- or shower doors.
- Hot objects and moving air currents can affect the performance of the sensor. To ensure proper operation, the sensor should be mounted at least 4 ft (1.2 m) away from HVAC vents and halogen or incandescent bulbs that are below the ceiling line.
- The performance of the sensor depends on a temperature differential between the ambient room temperature and that of room occupants. Warmer rooms may reduce the ability of the sensor to detect occupants.
- Devices emitting Radio Frequency (RF) energy can affect the performance of sensors. To ensure proper operation, sensors should be mounted at least 4 ft (1.2 m) away from devices that emit radio waves (e.g., microwave ovens, wireless routers, or other non-Clear Connect wireless devices). When using Clear Connect - Type X lamps or fixtures, ensure sensor is mounted at a distance of 2 ft (0.6 m) or greater from the lamp or fixture.
- For additional information on placing sensors, please see the Occupancy / Vacancy Sensor Design and Application Guide (P/N 368-3197) located at www.lutron.com

Mounting

Temporary mounting is optional to test sensor coverage and wireless communication before permanently installing the sensor.

Drop Ceiling (Compressed Fiber Ceiling Tile)

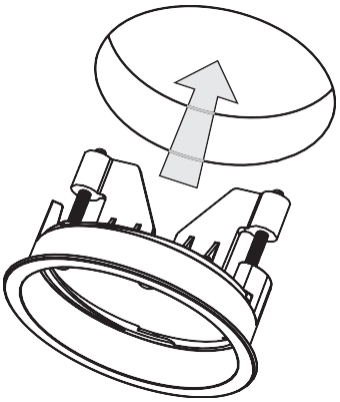
The mounting wire is provided for both temporary and permanent mounting of the sensor to ceiling tiles. It is designed to allow temporary mounting, testing, and repositioning (if necessary) of the sensor without damaging a ceiling tile. Once the final position of the sensor has been chosen, the mounting wire should be twisted together to permanently secure the sensor in place.

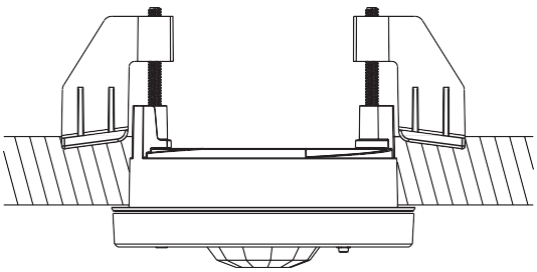
Solid Ceiling (Drywall, Plaster, Concrete, or Wood)

- Temporary mounting: Ten (10) temporary mounting strips can be purchased in the kit, L-CMDPIRKIT, for temporarily mounting and testing the sensor.
- Permanent mounting: Screws and anchors (for drywall or plaster) provided to mount the sensor.

Recess-Mount

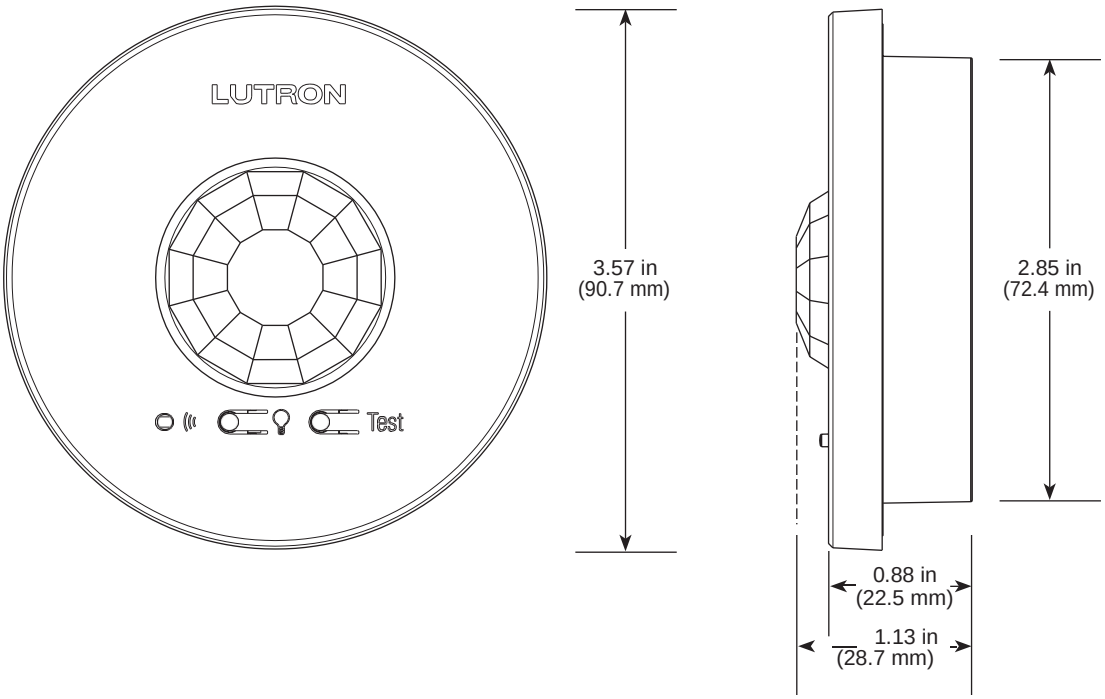
- Do not recess-mount sensor in a metal surface.
- Recess-mounting ring requires an opening of 3 in (76 mm) in diameter.
- Recess-mounting ring secures internally to ceiling. Sensor twists into the recess mounting ring and sits flush with ceiling (see image below).
- Recess-mounting ring purchased as a separate kit: L-CRMK-WH.





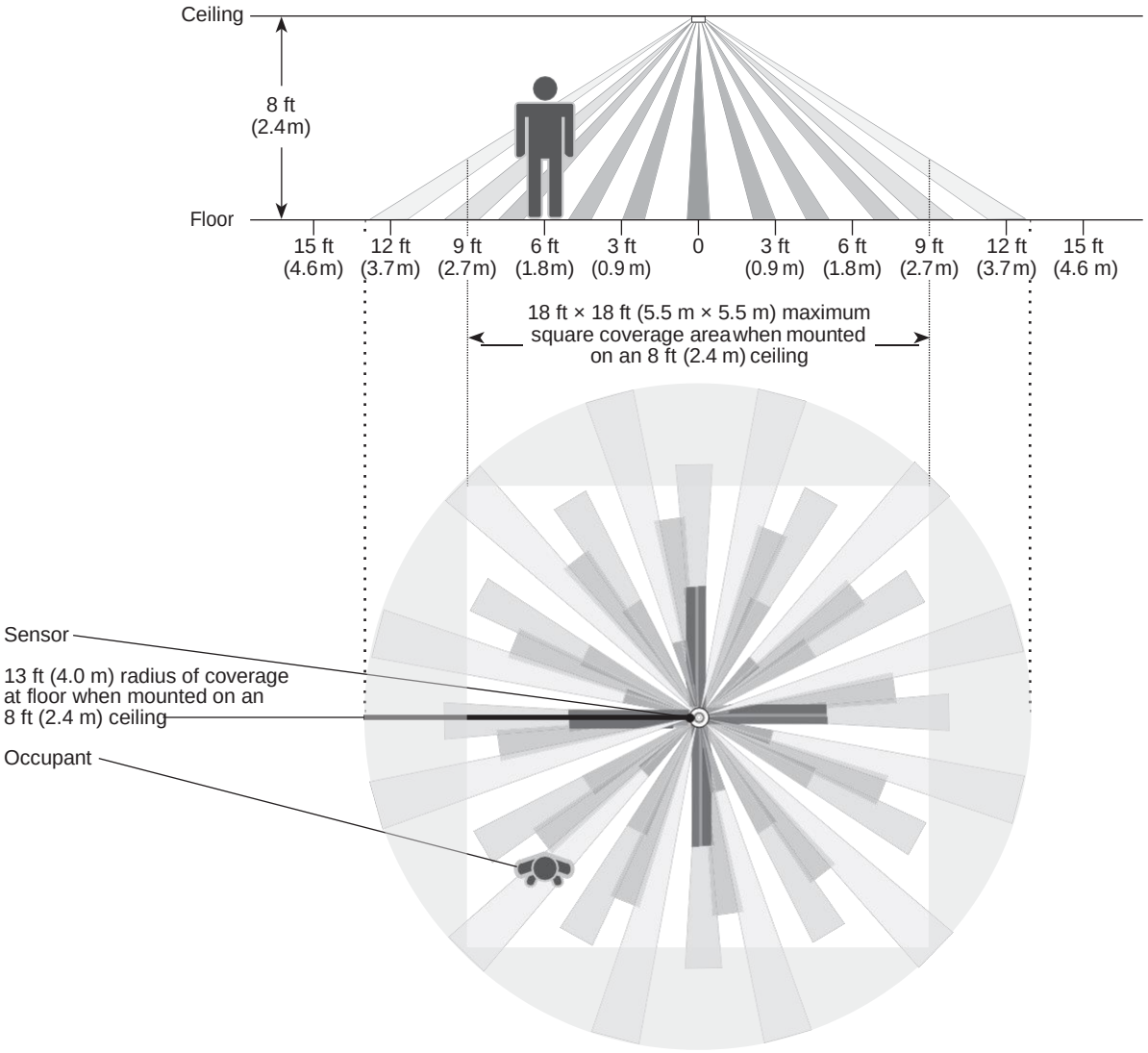
Job Name:	Model Numbers:	
Job Number:		

Dimensions


LUTRON
Test
3.57 in
(90.7 mm)
2.85 in
(72.4 mm)
0.88 in
(22.5 mm)
1.13 in
(28.7 mm)

Coverage Diagrams

Per NEMA WD7 test method



Sensor Coverage Chart (for sensor mounted in center of room)

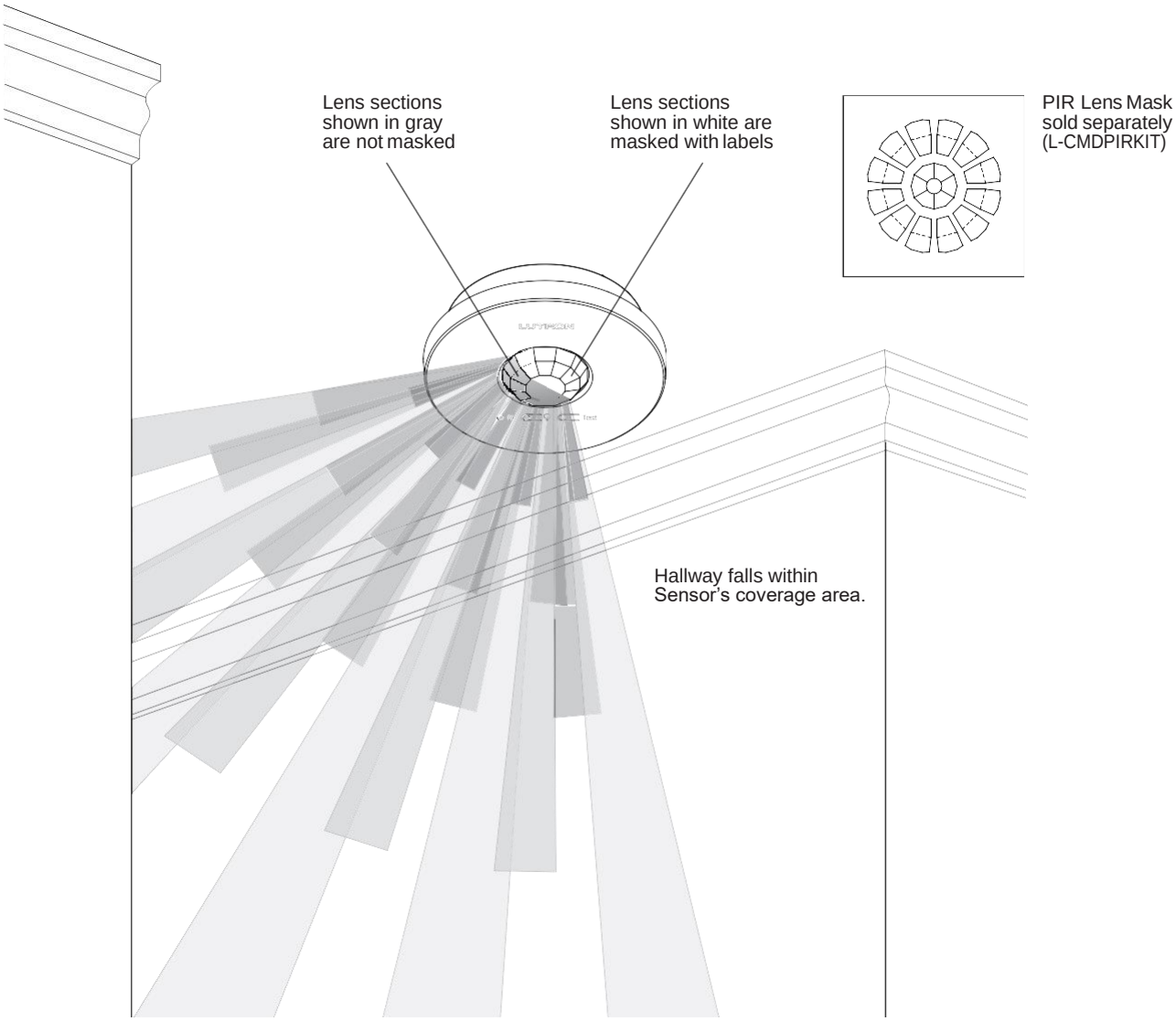
Ceiling Height	Maximum Square Coverage Area*	
8 ft (2.4 m)	18 ft × 18 ft (5.5 m × 5.5 m)	324 ft^2 (30.2 m^2)
9 ft (2.7 m)	20 ft × 20 ft (6.1 m × 6.1 m)	400 ft^2 (37.2 m^2)
10 ft (3.0 m)	22 ft × 22 ft (6.7 m × 6.7 m)	484 ft^2 (44.9 m^2)
12 ft (3.7 m)	26 ft × 26 ft (7.9 m × 7.9 m)	676 ft^2 (62.4 m^2)

* 12 ft (3.7 m) is the recommended maximum mounting height

Job Name:	Model Numbers:	
Job Number:		

Lens Masking

Whenever possible, the sensor should be installed in a location where it cannot view areas outside the intended space, such as hallways or adjacent rooms. If this situation cannot be avoided, portions of the lens may be masked to block the view of the sensor into undesired areas. Ten (10) PIR Lens Masks may be purchased in the kit, L-CMDPIRKIT.



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Job Name:	Model Numbers:	
Job Number:		

Energy Services Company Presentation / Interview

Facility Advocates

&

Mullen Public Schools
Home of the Broncos

Partners on a
Energy Services Company (ESCO) Contract

April 14, 2025

AGENDA



- **Introductions**
- **Who is Facility Advocates**
- **Energy Services Contracts Process**
- **Customers & Similar Projects**
- **Potential Scope of Work**
- **Legislative Process & Next Steps**
- **Questions**

Facility Advocates

INTRODUCTIONS

- **Greg Barnes, retired Supt.**
  - K-12 Account Rep
- **Dave Raymond**
  - Company Owner
- **Larry Cihal**
  - Energy Engineer, EIT, CEM- #6610, CDSM



Facility Advocates

Who is Facility Advocates

- **After spending 30 years in Corporate America, Facility Advocates was formed on January 4, 2021, to focus on the Energy Solutions business with Nebraska Public School Districts. There are 3 main focuses of our company:**
  - ESCO Contracts
  - HVAC & BAS Service Contracts
  - Facility Planning Services
- **To date, we have over 30 Nebraska Public School Customers ESCO Contracts that have been implemented OR are currently in the process. Several have approved/implemented Phase 2 agreements. This is a reflection of our high customer satisfaction ratings.**



Facility Advocates

Energy Services Company Process

- **Preliminary Audit**
- **Review with Administration (and others)**
- **Detailed Study**
- **RFQ Process to select and Energy Services Company**
  - Advertise in local paper requesting ESCO qualifications
  - Send a request to at least 3 ESCOs
  - Review Proposals
- **Proposal Presented with Contract Price**
- **School Board Approval and Project Implementation**

Facility Advocates

Customers

- **Mcpherson County Schools**
  - LED Lighting and HVAC
- **Nebraska City Public Schools**
  - LED Lighting and HVAC
- **West Holt Public Schools**
  - Windows and HVAC



Facility Advocates

SCOPE OF WORK

Scope of work at Mullen High School:

➢ Option #1: Retrofit/Replacement

- Retrofit/Replace all existing interior lighting with new, LED fixtures and retrofit kits.
- Replace the following:
  - (6) existing restroom vanity lights with new 4’ LED Dome Wraps.
  - (339) existing surface mounted fixtures with new 4’ LED Dome Wraps.
  - (157) existing 2x4 fluorescent troffers with new 2x4 LED Flat Panels.
- Retrofit the following:
  - (46) existing 8’ strips in Art, Welding & Shop rooms with new 8’ lensed retrofit strip kit
  - (6) existing 4’ strips in art & shop rooms with new 4’ lensed retrofit strip kit.

➢ Option #2: Retrofit/Replacement with Occupancy Sensors/Controls

- Replace all existing lighting in accordance with Option #1
- New fixtures will come equipped with Bluetooth for communication with sensors.
- Install (21) ceiling sensors throughout school. Sensors to be powered by nearby lighting, and will come equipped with Bluetooth for connectivity.

Facility Advocates

Process & Next Steps

SAMPLE

School Board Resolution

- **MOVE THAT: Whereas the Board of Education, intends to enter into an Energy Financing Contract with a Qualified Energy Services Company (ESCO), we authorize the Superintendent to adhere to the Request for Qualification (RFQ) process as identified, in State Statute sections 66-1062 to 66-1066, for selecting an ESCO to implement energy conservation measures.**

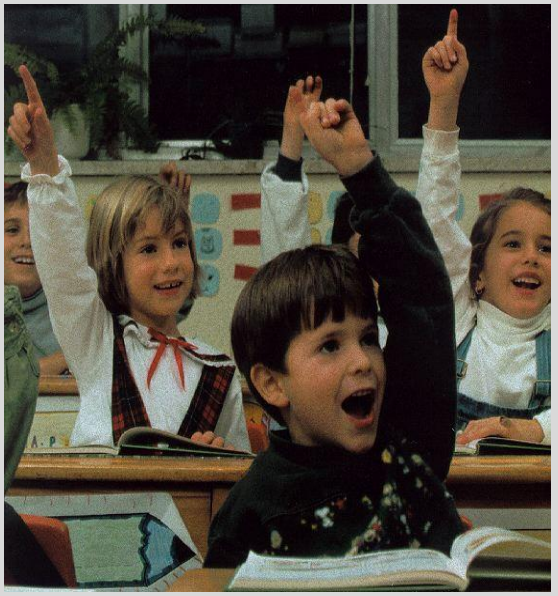
Facility Advocates

Questions & Answers

Mullen Public Schools
Home of the Broncos

&

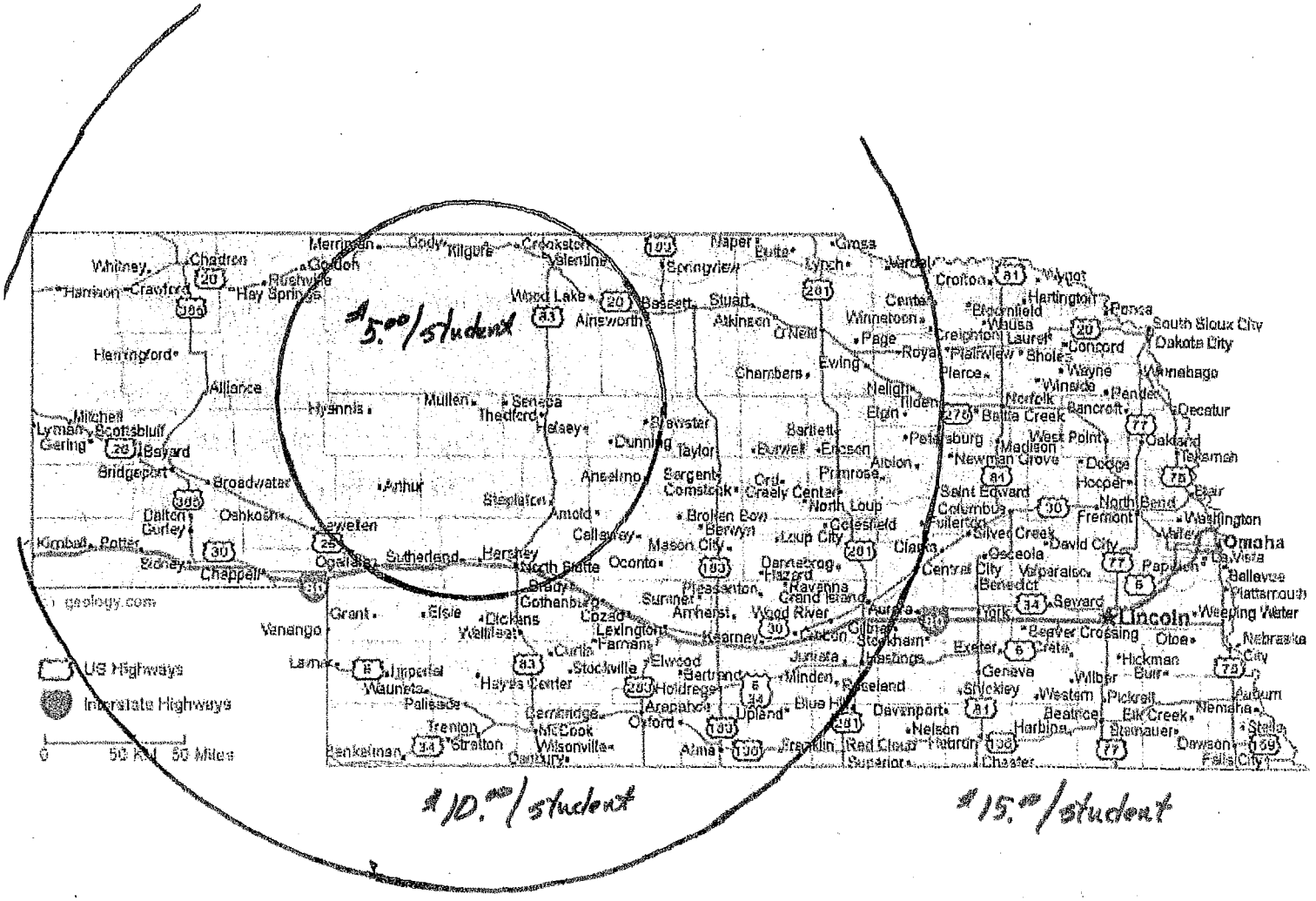
Facility Advocates



“Non CDL” Summer Vehicle Usage Procedures

- All requests for summer “non CDL” vehicle usage must be approved by the Superintendent or designee by emailing transport@mullenpublicschools.org
- Summer vehicle usage must be for teams, not individuals.
- The vehicles must be driven by a school employee. If you need a second vehicle to be driven by a non school employee, this must be cleared with the Superintendent or designee.
- All vehicles must be cleaned out, filled up with gas upon return, and keys returned to the school office.
- The school will charge a fee for usage based on mileage below and sponsors are responsible for collecting or paying with their fundraising account. Approve with the Business Manager.
    - Fees for Round trip per vehicle
        - Under 100 miles- $25
        - 100-149 miles- $35
        - 150-199 miles- $50
        - 200-249 miles - $65
        - 250-299 miles- $75
        - 300-349 miles- $90
        - 350-399 miles- $100
        - 400-449 miles- $110
        - 450-499 miles- $120
        - 500-549 miles- $130
        - 550-600 miles- $140
        - 600+miles- $150

Big Buses will be double the cost due to the cost of diesel and gas consumption. Driver Pay would be paid by the team requesting transport.


$5.00/student
$10.00/student
$15.00/student
Omaha
Lincoln
US Highways
Interstate Highways
0
50 Km
50 Miles

EXTRA DUTY SPONSORSHIPS AND COACHING ASSIGNMENTS FOR 2025-2026

ACTIVITIES DIRECTOR	Phil Hoyt
ASSISTANT AD	Bo Cribelli
CROSS COUNTRY	
Head Cross Country	Janie Kuncl
FOOTBALL	
Head Football	Wade Marsh
Asst. Football	Russ Monette
Asst. Football	Kyle Hoyt
Vol. Asst. Football	Steven Dent
VOLLEYBALL	
Head Volleyball	Nicole Ourada
Asst. Volleyball	Callie Edis
Volunteer Asst VB	Kay Dent
WRESTLING	
Head Wrestling	Russ Monette
Asst. Wrestling	Bo Pettit
Volunteer Asst WR	Ty Kvanvig
BASKETBALL	
Head Girls Basketball	Kay Dent
Asst. Girls Basketball	Cali Edis
Volunteer Asst GBB	Trisha Vest
Volunteer Asst GBB	Steven Dent
Head Boys Basketball	Brad Wright
Asst. Boys Basketball	Darrick Hanks
Volunteer Asst BBB	Dan Young
TRACK	
Head Track	Arla Kvanvig
Asst. Girls & Boys Track	Russ Monette
Asst. Girls & Boys Track	Janie Kuncl
Asst. Girls & Boys Track	Sarah Hardin
GOLF	
Head Girls Golf	Bo Cribelli
Head Boys Golf	Mike Brown
Volunteer Asst Boys Golf	Clint Svoboda

JUNIOR HIGH SPORTS

VOLLEYBALL	Jaci Hettinger*
Cross Country	Janie Kuncl
FOOTBALL	Russ Monette
	Bo Cribelli
BASKETBALL	
Girls	Jaci Hettinger*
Boys	Bo Cribelli
WRESTLING	Russ Monette

TRACK	Bo Cribelli Russ Monette Jaci Hettinger*

OTHER ACTIVITIES / SPONSORSHIPS

ART CLUB	Kyle Hoyt
YEARBOOK	Megan Andersen
SPEECH	Kyler Horn
PLAY PRODUCTION	Kyler Horn
QUIZ BOWL	Ron Taylor
FCCLA	Kelli Wallz
FFA	Kelsey Phillips
NATIONAL HONOR SOCIETY	Kara Connealy
11th GRADE SPONSOR	Kyle Hoyt/Mellissa Donohoe
STEM CLUB FACILITATORS	Sarah Hardin, Tawnee Jewell, Mellissa Donohoe
NEW TEACHER MENTORS	Emily Brown, Robyn Werth*

*New to the position

In the past few months the Mullen National Honors Society has been very busy.

1. In February we participated in Teacher appreciation by bringing the school teachers donuts.
2. On Tuesday April 1st we inducted 8 new members into the group. The new inductees are Cayden Hampton, Ella Rice, Brandon Hardin, Jason Kraus, Harper Andersen, Kalli Licking, Riley Hegland, and Ady Hampton.
3. With the new members we filled over 575 easter eggs for the upcoming Easter Egg Hunts. They are scheduled for next week on April 16th at the library and elementary school. We are excited to help with those.
4. We have also been working with the churches in the community with Meals on Wheels. On our delivery weeks, we have been delivering 1-4 meals a day. We have enjoyed seeing how this service helps our community.

Upcoming events

1. We will be helping with the Cemetery clean-up. We are partnering with The Commercial Club to do so. Allie Boyer will be recruiting more help from the high school starting May 1st. Alex will be signing kids up to help on the 12th. Sydnee Cheever will be making flyers to advertise the event. Hayley Donohoe will be writing an article for the newspaper to help encourage

the public to help. Ice Cream cones will be purchased by NHS from the Depot to reward the kids who show up to help.

2. We will be electing officers for the NHS on April 30th after all the applications are turned in.

Some of the things we are very excited about for the coming school year are having such a big group of individuals in NHS now. It will be very beneficial to the group and community to have the extra hands around. We look forward to helping with the cemetery clean up as well as volunteering at the Open Door Mission again.

Mullen Activities Monthly Report
April 14, 2025

The 2025 NSAA D2 State Speech Championships were held in Kearney on Friday March 28. 4 young ladies represented Mullen including Sydnee Cheever-Entertainment Speaking, Hope Miller- Program Oral Interpretation, and Fayth Brown/Lola Wingebach-Duet Acting. Although they didn't qualify for the Finals in their events or medal we would like to congratulate them on their performances and to their coach Kyler Horn on a great season!

MNAC Post Season Basketball Honors
GIRLS
1st Team Hayley Donohoe Peyton Paxton and Hayley Donohoe
2nd Team Riley Hegland Mullen
Honorable Mention Brynne McCully
BOYS
2nd Team Jacob Walker
Honorable Mention - Ben Werner

MNAC Post Season Wrestling Honors
1st Team -Cooper Walker Mullen, Jason Kraus, and Tate Kvanvig

NSAA Winter Academic All State Members
Wrestling - Tate Kvanvig and Jason Kraus
Boys Basketball -Alex Werner and Brandon Hardin
Girls Basketball - Hayley Donohoe and Riley Hegland
Speech - Sydnee Cheever and Lola Wingebach

Quiz Bowl - Mullen SH competed at the MNAC Quiz Bowl on March 21 inTryon the Team finished 7th

The following students competed in the ESU JH Quiz Bowl in North Platte on MArch 25: Hayden, Cody, Colin C, Collin D, Jack, Teegan, Brayon, and Oakes. The team went 2-2 on the Day.

The Following Students competed at the ESU SH Quiz Bowl in North Platte on March 26. Maggie H, Allie B, Sydnee C, Hope M, Cayden H, Tate K, and Cian C. The team made it to the finals and finished 5 points short of qualifi=ying for State. Congrats to Mr Taylor and these students on a good year of Quiz Bowl.

The Boys Golf Team competed in the Sandhills Valley Golf Invite on March 31 and at Arnold on April 11. Mullen Finished 2nd as a Team. Ben Werner was the Champion and Jacob Walkerwas 11th. Jarron Forsen, Corben Kissire and Justin French also participated. The team will continue to compete on April 11 at Bridgeport, April 22 at the Hyannis Triangular, April 24 at Thedford, Garden County on April 29 and MNAC on May 2.. Best of luck to the Boys Golf Team.

Mullen Activities Monthly Report
April 14, 2025

HS Track Teams competed at the ST Pats/Hershey Meet on March 28, the North Platte Buffalo Bill Invite on April 7 and the South Loup Invite at Arnold on April 11. No Team Scores were kept at the St Pats/Hershey Meet. Both Teams competed well at the Buffalo Bill Invite and had many successes. Results for the South Loup Invite will be in the May Report. They are at Burwell Invite on April 17, the Midwest Nebraska Track Classic in Gothenburg on April 22, and Paxton Invite on April 24.

See https://www.athletic.net/team/10900/track-and-field-outdoor/2025 for all results.

The JH Track Teams competed in their first track meet at Paxton on Wednesday April 9. The JH Girls finished 4th and the JH Boys finished 3rd. Their next meet is at Hershey on April 16, Arnold on April 29, MNAC on May 2 and Brady (Arnold) Invite on May 7. Good Luck to the Track Teams this month.

https://www.athletic.net/TrackAndField/meet/576978/results

FCCLA UPDATE:

The following students will be absent April 6-8th for State FCCLA

Seniors:

Mia, Peyton, Maggie, Keragan, Izzy

Junior:

Sydnee

Sophomores:

Riley, Harper, Nick, Daniel, Brandon, Jason

8th Grade:

Maci, Audrabell

Mia Flores-Green, Entrepreneurship - Level 3: Silver
Sydnee Cheever, Event Management- Level 3: Silver
Peyton Paxton & Maggie Haesler, National Programs in Action- Level 3: Silver
Harper Andersen, Riley Hegland, Jason Kraus, Nicholas Gonzalez, Brandon Hardin, & Daniel Wright, Parliamentary Procedure- Level 2: Bronze, State Runner-Up

Maci Walz & Audrabell Werth, Food Innovations- Level 1: Gold, State Runner-Up, NATIONAL QUALIFIER

FCCLA Carnival was held on THursday April 10.

Nebraska State Colleges Multi-Activity Student Award

31 Of Mullen High SchoolStudents Received this honor.

Principal Report

April 14th, 2025

Pizza with the Principal Winners:

K-Doris Boland
1st-Anna Ridenour
2nd-Dailie Dent
3rd-Anna Hessin
4th-Abbigail Mundorf
5th-Jedd Kraus

Elementary Awards Night/Elementary Art Show/K-5 Spring Concert:

Overall Student of the Year: Emri Dent

Summative Evaluations-All teaching and support staff summative evaluations are complete for the 25/26 school year.

Elementary Field Trips

-K/1st-Buffalo Bills Ranch on May 1st
-2nd grade-Theater and Greenhouse NP on May 6th
-3rd grade-Calamus Fish Hatchery on April 17th (Get to see all the walleyes they have hatched)
-4th/5th grade-Smith Falls Valentine May 12th

CIP Update:

In May I will share a document that has detailed what all 6 of our CIP teams have done over their first two years of our process and what their goal is for year 3.

Calendar Events:

Important Dates:

-4th/5th Grade NSCAS testing April 15th
-3rd Grade Math NSCAS testing April 16th
-K-2 MAPS Testing ELA April 23rd
-Parents night 3:15 Kindergarten April 23rd
-K-2 MAPS Testing Math April 24th
-4th Grade Festival at Halsey Trip: April 25th
-K-6 Arbor Day presentations NRD April 28th
-WIN TIME Rocketship goal/Elementary NSCAS Awards May 7th
-Elementary Field Day is scheduled for May 8th

Principal's Report
April 2025
Mike Kvanvig

Graduation

- We need to get the diplomas signed.
- **Board Member(s) to Hand out diplomas**
    - **???**

Appraisals

All summative and formative evaluations have been completed.

Green House Update

Inside walls are done, adding dirt to the inside. Will begin leveling the walls for the outer frame.

Testing

MAPS and NSCAS assessments are completed.

Upcoming Dates

15 - Mullen Art Show
16 - JH Track @ Hershey
17 - Golf @ Bridgeport / Track @ Burwell
22 - Golf @ Hyannis
24 - Golf @ Thedford/ Track @ Paxton
25 - FCCLA Banquet
28 - Honors Night and Wrestling fundraiser
29 - JH Track @ Arnold / FFA Banquet / Golf @ GC
30 - NETA Conference
1 - MNAC Golf @ Stapleton
2 - MNAC Track @ Arnold/ MNAC Art Show / Mullen JV Golf
5 - Athletic Banquet
6 - Golf @ Creek Valley / Best of Midwest @ Sutherland / Senior Last Day
7 - JH Track @ Arnold / JV Golf @ Thedford
8 - Golf @ NPSP
9 - Track @ Arnold
10 - Graduation
13 - Last Day of School
14 - Dist Track / Mullen Golf Invite

Administrative Report – April 2025

Agenda Items:

7. Discussion with Facility Advocates on Lighting Project- Facility Advocates will be in Mullen to talk with the 6-12 building committee on a lighting improvement project and they will stay to have a conversation with the whole board on the project and process. A lighting specialist from Omaha came up on Wednesday and explained the process to both Tyler and me. With our old lighting, which I believe is original to the late 1960's, this is something that would be a good upgrade and pay for itself over the next few years depending on the option that you choose. This would be put on the May Agenda for approval if we decide to do so at the meeting.

8. Summer Vehicle Usage- This is to allow coaches to use the school vehicles for school sponsored summer camps. Prior to this sheet, we were utilizing a map that was excessive at times as it was per student traveling. This sheet is developed gauging mileage per vehicle for payment. It is a more modern form. **I recommend approval**

9. Extra Duty Positions- There are not many changes to the positions. NEW CHANGES- Jaci Hettinger is going to help out with JH Sports in volleyball, girls' basketball, and track. With the large class sizes coming up, the admin team feels that we need an additional coach for JH track especially a female. The rest is the same as 2024-2025. **I recommend approval**

Non-Agenda Items

NRCSA State Conference- This was a great conference. On Wednesday, we had our Nebraska Schoolmasters Club meeting and John Glasgow from the Illinois Rural Education Association was the keynote. He talked about a lot of the current trends in Washington DC and the changes that President Trump is making to federal education funding which should not affect MPS, but it could if they take away REAP funding. The first NRCSA keynote was Joe Sanfelippo who talked about the importance of building a solid culture throughout your school district. After the session I spoke with Egan Supply Co. about gym floors and ended up getting a quote through them which we accepted. By using Egan Supply, MPS will only lose gym access for 3 days rather than the 14 days required through Midwest Flooring. The reason for the faster turnaround is the water based finished that is used instead of oil. Egan Supply oversees the gym floors for several high schools, the Nebraska Husker gym, Hasting College, Doane University, and several other colleges and universities. Mr. Kvanvig and I attended a session with Justin Knight of Perry School Law and their hot topics session. They talked about new option enrollment policies that may come down the pipeline along with some legislation that may affect schools on the special education forefront along with public schools being mandated to help private school students with extracurricular activities. On Friday, I attended the NRCSA general meeting and talked about possible future endeavors and we spoke about this year's elections for President Elect and Secretary elect. The last keynote was Darin Boysen of the Nebraska Coaches Association who talked about a student survey that he put together where the biggest deterrent to activity participation was the pressure that was put on student athletes by their parents. Darin is going to visit schools statewide to deliver this message and we have him schedule to come to Mullen on August 21. Scott Jones of ESU 16 named Outstanding ESU Staff member of the year, and it was great as he was very surprised. Overall, it was a great conference even though we lost several sessions and several attendees to the blizzard that hit both central and eastern Nebraska prior to the conference.

Staff meeting. I was fortunate to have meetings with 21 of our staff members who signed up for the meetings. During the meeting, we talked about how the school year has gone, what they need for the upcoming school year, and overall how they were feeling about MPS. Overall, I would say that over 90% of the meetings were very positive and I feel that we have a very good school culture at MPS with very good student and staff morale.

Meeting with NDE Office of School and District Support- On Thursday April 3, Jeff Gilbertson from NDE toured MPS and we had great visits with several staff and students. Mr. Gilbertson has been visiting schools and gathering information on leadership standards statewide. From his visit to MPS Mr. Gilbertson wrote "Thank you again for a great visit yesterday. I can't tell you how much I enjoyed the time spent touring your

district's facilities and meeting your exceptional staff! The visit filled my bucket in many ways, but more importantly I learned a huge amount from you as a superior leader.

Here are the highlights that I gathered from the visit:
-You authentically engage directly with students and staff, knowing their names and personal details, fostering a healthy/positive caring school culture.
-You honored the process and explained how you have to trust the steps it takes to build a culture that puts humans first.
-Your hands on involvement contributes to a positive and cohesive environment within the district.
-Clarity of communication matters 24/7.
-Brilliant move with the 15 min conference with every staff member, once in the Fall, and again in the Spring, using the Venn Diagram looking for trends and needs for improvement. Wow! Great stuff for Karma building, Clarity, Cohesiveness and trust.
-Effective superintendent leadership is crucial for fostering healthy cultures in any school district.
-Bottom-up decision-making processes empower staff and create a sense of ownership within the organization and the CIP process. The committee structure is the system that makes understanding, trust, decision making, commitment and follow through happen. Mullen PS is employee owned!
-Teamwork and cohesiveness are central to the successes of Mullen Public Schools and the student learning and care they provide for the youth in the community.
-Your thoughts on what type of PD would be good for school leaders were extremely valuable. Specifically, "Stop talking at leaders, facilitate authentic problem-solving sessions with current reality issues"

Again, grateful for your time. Let's stay connected. JG"

Legislative Update- A couple of updates on Nebraska Legislation. The big news is that LB 135 got shot down on the floor. This was a bill that would have changed the bond election methods to only be offered on general elections which would have eliminated any other bond issues to run during other election cycles. This is good news for education as schools would have had a nightmare trying to get any large building project completed in a timely manner. Next up for debate in the next couple of weeks concerning education is LB 390 which would require all school libraries to have a method for parents to search library catalogs (which MPS has already along with most other districts), but the big issue was that the school had to have a notification system when a student checks a book out of the library. The school would be responsible for notifying the parents of the book that was checked out. This would be a ton of work on Mrs. Stichka and other staff members. The other concerning bill is LB 653 which would require school districts to accept any option from a special education student on an IEP. This creates a ton of funding issues when it comes to cost factors of high need students. It could create burdens on school districts who are not prepared to take on a student with high needs. The last bill that has not been getting much attention, so who knows how it will play out, is LB 303 which is a funding bill that would change TEEOSA to create a maximum levy of $1.02 lowering from $1.05. This does not really affect MPS, but it does affect those districts who are at the maximum lid.

The biggest worry that we talked about at our weekly legislative meeting was the May 3-7 convention for the National Congress on School Transportation. It is looking very likely that the NCST is going to push to ban 10 passenger vans from use in school districts. They claim they are unsafe with the long frame and chassis. It has been known for a while that major motor companies such as Ford have stopped production on these vans, which to me says that we may be out of luck on this going in our favor. Another thing that seems to be happening is that the bus companies such as Bluebird have had some very successful lobbying acts to create this topic. It seems that their thoughts are that 14 passenger short buses are much safer. Obviously, they do not visit rural remote areas to know that the roads are not always conducive to a bus. As this is happening, I will do my best to keep you posted. MPS is not nearly as affected as other districts as we only have 2 vans where some districts have a fleet of vans.

Administrative Report – April 2025

Last Day of School Change- Currently we are good on our days in session and our seat time that we count for NDE and that includes all snow days. We are currently good to go with our current scheduled days. With May 14 being district track, we would be missing several employees to attend the event. We would like to take May 14 with May 13 being the last student day as a 2:00 Dismissal, and the teachers would be required to report on May 14 for elementary to check out with Mr. Mauler and on May 15 to check out with Mr. Kvanvig. But that could change if another winter weather system moves through the area which hopefully does NOT happen.

Nebraska Superintendent of the Year Nomination- I am humbled and honored to be nominated as one of the 5 Superintendents for the Nebraska Superintendent of the Year sponsored by the Nebraska Association of School Administrators. There was an application process that I had to complete, and I want to thank Liza Simonson, Gerri Peterson, Phil Hoyt, Sarah Hardin, and Peyton Paxton for their letters of recommendation. The NASA Executive Board, of which I am a member, will discuss the applications and determine their selection at the NASBO conference on April 24, 2025. Obviously, I will remove myself from the selection process. The honor will be awarded at the NCSA/NASB State Conference in Omaha in November.