Columbia LIGHTING

MPS

MULTIPURPOSE LINEAR

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

FEATURES

- Uninterrupted ribbon of light; row mounting optional
- Long life 60,000 hour LEDs at L80 for reduced maintenance
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional integral emergency battery pack
- Three lens options as well as less lens (NL)
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended

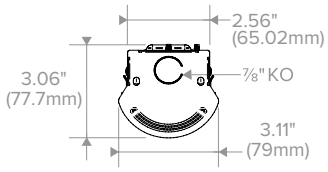
DLC LISTED | DLC LISTED PREMIUM | c SA us | Built to UL 924 Standards | BUY AMERICAN SOLUTIONS

See Certification Specifications

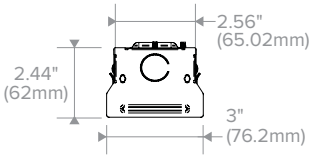
CONTROLS TECHNOLOGY

SpectraSync Color Tuning Technology | NX LIGHTING CONTROLS

End View—Curve Lens



End View—Flat Lens



SPECIFICATIONS

CONSTRUCTION

- Housing, wireway, and ends are formed from code-gauge steel
- Housing components act as heat sink for LED heat dissipation
- White painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel

OPTICS

- Available with or without frosted acrylic lens

INSTALLATION

- Knockouts are provided for electrical access and mounting

ELECTRICAL

- Long-life LEDs are rated for 60,000 hours at L80 lumen maintenance
- Driver options include fixed output for on/off function, step dimming (high/low/off), or continuous 0–10V dimming
- Superior drivers and long-life LEDs provide quality illumination for prolonged service life
- Drivers < 10% THD at 120V, power factor > 0.95

CONTROLS

- Optional SpectraSync™ offers two modes of Tunable White solutions and integrates seamlessly into a variety of control systems
- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments

CERTIFICATIONS

- IC label is standard for recessed products
- All luminaires are built to UL 1598 and 2108 standards, and bear appropriate cCSAus labels
- Damp Location label standard
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- Adheres to LM79, LM80, and TM21 industry standards
- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See page 10 for wiring diagram.

CERTIFICATIONS (CONTINUED)

- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 06/01/2020.

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1600–16,732
Wattage Range	13–113
Efficacy Range (LPW)	128–155
Reported Life (Hours)	L80/60,000

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Columbia LIGHTING

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

MPS

MULTIPURPOSE LINEAR

ORDERING GUIDE

Example: MPS4–40ML–CW–EDU

CATALOG #

MPS															
Model	**Size**[1]		**CRI**		**Color Temp**		**Nominal Lumens**		**Lens**		**Distribution**		**Driver**[28]	
MPS MultiPurpose Linear	**2**	2'	**Blank**	>80	**30**	3000K	**XW**	4' (2600), 8' (5200)	**C**	Curve, Frosted Acrylic	**N**	Narrow Distribution[3]	**E**	Fixed Output
	4	4'	**9**	90	**35**	3500K	**VW**	2'(1600), 4'(3300), 8' (6600)	**F**	Flat, Frosted Acrylic	**W**	Wide Distribution	**ED**	0-10V Dimming
	8	8'			**40**	4000K	**MW**	2'(2200), 4'(3600), 8' (7200)	**NL**	Less Lens			**ED1**	0-10V 1% Dimming
					50	5000K	**LW**	2'(2400), 4'(4000), 8' (7900)	**CP**	Curve, Frosted Polycarbonate			**EDD**	0-10V Dim-to-Dark
					2750T	2700K–5000K SpectraSync™ Tunable White[2]	**ML**	2'(3400), 4'(4500), 8' (8900)					**ESD**	Step Dimming
					2765T	2700K–6500K SpectraSync™ Tunable White[2]	**HL**	2'(3700), 4'(5800), 8' (11,500)					**LUTH**	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology[4]
							VL	4' (6800), 8' (13,500)					**DALIP**	DALI Power Bus[24]
							XL	4' (7,800), 8' (15,500)						

Voltage		Options		Control Options[19, 20, 21]	
U	120V-277V	**ELL14**	Emergency Battery Pack, 10W[5, 6, 7]	**NX / BTSMP Standalone**	
347	347V (E, ED, ED1 only)	**ELL14H2**	Emergency Battery Pack, 2-Hour Run Time[5, 6, 7, 8]	**BTSL**	Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens[22]
		GLR	Fast Blow Fuse	**NX Networked – Wired**	
		GTD	Generator Transfer Device[9]	**NXE**	NX Wired Dual RJ45 SmartPORTS , without Sensor[22, 23, 27]
		DTS	Dimming Bypass Module[10]	**NXESM**	NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[22, 23]
		MPSCE	Injection Molded ABS Material Curve Endcap[22]	**NX Networked – Wireless**	
		MPSCE-MB	Injection Molded ABS Material Curve Endcap, Matte Black	**NXW**	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor[22, 23]
		MPSFE	Injection Molded ABS Material Flat Endcap[22]	**NXWSM**	NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[22, 23]
		MPSFE-MB	Injection Molded ABS Material Flat Endcap, Matte Black	**Third-Party Control Options**	
		MB	Matte Black	**ODPG**	Occupancy and Daylight Sensors w/ Grouping, Philips SNS200[24, 25]
		ZT	ZET Metallic Silver	**LVR**	Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only)[24, 25, 26]
		PAF	Painted After Fabrication	**LVS**	Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing)[24, 25, 26]
		MST	MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application[11, 12, 13, 14, 15, 16, 17]	**ZLS05**	Occupancy & Daylight Sensor, Leviton ZLS05[26, 27]
		SAT	SATELLITE fixture controlled by MASTER fixture in a continuous row application[12, 13, 14, 15, 16, 17]		
		INT	Intermediate (provides ends with wiring access for continuous row mounting)[14, 16, 17, 18]		
		EOR	End of Row (provides end wiring access for continuous row mounting)[14, 16, 17, 18]		

Accessories

☐	**S18**	18" Stem, Canopy
☐	**SS18**	18" Swivel Stem—45° Swivel
☐	**CM24SCF3-KIT**	24" Adjustable Cable Mounting Kit, 3-wire feed[27]
☐	**CM48SCF3-KIT**	48" Adjustable Cable Mounting Kit, 3-wire feed[27]
☐	**CM24NF-KIT**	Single Point Non-Feed Cable Mount with Canopy, Single-24"[27]
☐	**CM48NF-KIT**	Single Point Non-Feed Cable Mount with Canopy, Single-48"[27]
☐	**CSHC**	Chain Hanger Assembly
☐	**MPSZT**	Zip Tee Hanger - 1 ½" Spacer on T-Bar Ceiling
☐	**MPSTH**	Slide Tong Hanger
☐	**MPSCRK-C**	Continuous Row Kit, Curve
☐	**MPSCRK-F**	Continuous Row Kit, Flat
☐	**MPSWG2**	2' Wire Guard
☐	**MPSWG4**	4' Wire Guard, two Required for 8' Fixture
☐	**MPSCE**	Injection Molded ABS Material Curve Endcap
☐	**MPSCE-MB**	Injection Molded ABS Material Curve Endcap, Matte Black
☐	**MPSFE**	Injection Molded ABS Material Flat Endcap
☐	**MPSFE-MB**	Injection Molded ABS Material Flat Endcap, Matte Black
☐	**REFL-MPS4 STL SLD W16**	4' Symmetric Reflector Solid
☐	**REFL-MPS4 STL SLTD W16**	4' Symmetric Reflector Slotted
☐	**REFL-MPS4 STL SLD ASYM W16**	4' Asymmetric Reflector Solid

Notes:
1 For continuous row mounting, see Continuous Row Mount Example Guide on page 3
2 See SpectraSync and NX Availability Table on page 6
3 Only available with Curve, Frosted Acrylic lens
4 Not available in VL or XL packages
5 Delivered Emergency Lumens = ELL14 = 1210 lms
6 Not available in 2ft size or with thru wire on XL 4ft and 8ft
7 Emergency battery pack max ambient temperature: 25˚C
8 Not available for use in Canada
9 Only available with fixed output driver
10 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. Not availble with ESD driver option. Universal voltage only. DTS with 2' cannot be combined with Controls or SpectraSync options. See page 10 for wiring diagram

Continuous-Row Options:
11 MST option not available with INT row position
12 Multiple SAT fixtures can be controlled by one MST fixture. Any one SAT fixture can have no more than one connected MST fixture
13 NX is supported for this application, consult Brand for use with other controls systems
14 Not available with DTS,GTD
15 Not available with LUTH
16 All fixtures in a row must be the same driver type and voltage
17 Includes quick-connect wiring harness
18 Suspension support required at every fixture coupling; see Mounting Accessories Guide

NX In-Fixture Control Options:
19 Standard PAF when this option is chosen
20 Control Options include Injection Molded ABS End Cap
21 Fixtures with Control Options are Dry Location rated only
22 Only available with 0–10V dimming drivers (ED, ED1 & EDD)
23 Not available with surface mounting

Third-Party Control Options:
24 LVS, LVR and ODPG only available with DALIP driver option
25 Not available with SpectraSync (2750T or 2765T)
26 VIVE is a trademark of Lutron Electronics Co., Inc

Accessory Notes:
27 See Columbia Mounting Accessories page for additional options

Dimming Notes:
28 Dimming curves may vary; dependent upon lumen output and driver option chosen. Separate dimming circuits are recommended if multiple driver options are chosen

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ORDERING GUIDE (CONTINUED)

CONTINUOUS ROW MOUNT EXAMPLE GUIDE					
Continuous Row Length	MPS4	MPS8	MPSCRK-*	CM**SCF*-KIT	CM**NF-KIT
12' — Option 1	1	1	1	1	1
12' — Option 2	3	0	2	1	1
16' — Option 1	0	2	1	1	1
16' — Option 2	2	1	2	1	2
32' — Option 1	0	4	3	2	1
32' — Option 2	2	3	4	2	1

PRODUCT EXCEPTIONS & DETAILS

Driver options listed below are available for the outputs as shown.

DRIVER AVAILABILITY TABLE — 2'					
	VW	MW	LW	ML	HL
E	x	x	x	x	x
ED	x	x	x	x	x
ED1	x	x	x	x	x
EDD	x	x	x	x	x
ESD	x	x	x	x	x
LUTH	x	x	x	x	x
347	x	x	x	x	x
DALIP	x	x	x	x	x

DRIVER AVAILABILITY TABLE — 4' & 8'								
	XW	VW	MW	LW	ML	HL	VL	XL
E	x	x	x	x	x	x	x	x
ED	x	x	x	x	x	x	x	x
ED1	x	x	x	x	x	x	x	x
EDD	x	x	x	x	x	x	x	x
ESD	x	x	x	x	x	x	x	x
347	x	x	x	x	x	x	x	x
LUTH	x	x	x	x	x	x		
DALIP	x	x	x	x	x	x	x	x

TEMPERATURE TABLE (C°) — 4' & 8'											
		80 CRI									
		E/ED/ED1		ESDU		ED347		EDD		LUT	
Size	Lumen Package	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount	Ceiling/ Surface Mount	Pendant/ TH Mount
2'	VW	35	40	35	40	35	40	35	40	35	40
	MW	35	40	35	40	35	40	35	40	35	40
	LW	35	40	35	40	35	40	35	40	35	40
	ML	35	40	35	40	35	40	35	40	35	40
	HL	30	35	30	35	30	35	30	35	30	35
	XW	35	45	35	45	35	45	30	35	30	35
4'	VW	35	45	35	45	35	45	30	35	30	35
	MW	35	45	35	45	35	45	30	35	30	35
	LW	35	45	35	45	35	45	30	35	30	35
	ML	35	45	35	45	35	45	30	35	30	35
	HL	35	40	35	40	35	40	25	30	30	35
	VL	30	30	30	30	30	30	30	30	—	—
	XL*	25	25	25	25	25	25	25	25	—	—
8'	XW	35	45	35	45	35	45	30	35	30	35
	VW	35	45	35	45	35	45	30	35	30	35
	MW	35	45	35	45	35	45	30	35	30	35
	LW	35	45	35	45	35	45	30	35	30	35
	ML	35	45	35	45	35	45	30	35	30	35
	VL	30	30	30	30	30	30	30	30	—	—
	XL*	25	25	25	25	25	25	25	25	—	—

*XL not available with thru wire

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CONTROLS

NX Lighting Controls:

Supports both indoor and outdoor applications in a variety of deployment options- wired, wireless, hybrid.
Integrates with and enables a wide array of luminaires including those with SpectraSync™ Color Tuning Technology.

NX INTEGRATED CONTROLS REFERENCE								
NX Option	Sensor	Networkable	Scheduling	Occupancy	Daylight Harvesting	0–10V Dimming	On/off Control	Bluetooth® App Programming
NX Networked – Wired								
NXE	N/A	Yes	Yes	No	No	Yes	Yes	Requires NXBTC/R[1]
NXESM	NXSMP2- SMI-XX	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NX Networked – Wireless								
NXWSM	NXSMP2- SMI-XX	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NXW	N/A	Yes	Yes	No	No	Yes	Yes	Yes

1 NXBTC/R needs to be plugged into an available NX SmartPORT™ on the fixture network
2 To program NXWE option, need to consult factory. If connected to an area controller, programming can be done from that

Philips EasySense Controls ODPG Sensor:

- Occupancy sensing, daylight harvesting, task tuning and grouping in one device
- Standalone control or grouping to wireless switches[1]
- Uses Philips field apps for on site commissioning [2,3]
- Ability to create scenes for various room configurations
- Cost-effective solution for energy-savings and code-compliancy strategies
- DLC® Qualified: Listed on the QPL for Networked Lighting Controls. Please refer to the DLC website for specific product qualifications at www.designlights.org

Wireless Switch Accessories[1]

☐ **PESR-WH** EasySense compatible wireless single rocker switch, white

☐ **PEDR-WH** EasySense compatible wireless dual rocker switch, white

1 Wireless switches only compatible with ODPG Philips EasySense
3 Requires android device or IR dongle.

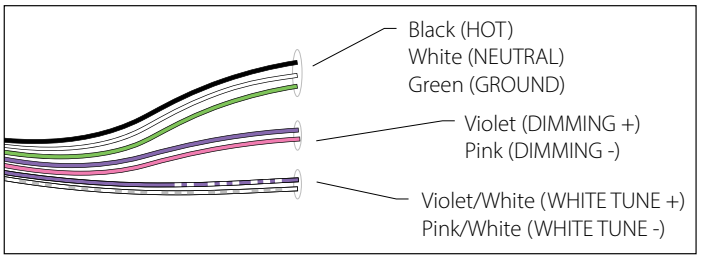
SpectraSync™ Color Tuning Technology:

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.

SPECTRASYNC COLOR TUNING TECHNOLOGY		
Mode	Kelvin Range	Description
Tunable White	2700K–5000K 2700K–6500K	Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space

SpectraSync Tunable White

Available in two options: 2750T (2700K–5000K) or 2765T (2700K–6500K).
Requires two 0–10V controllers, one for intensity and one for CCT.
Minimum 5% dimming.

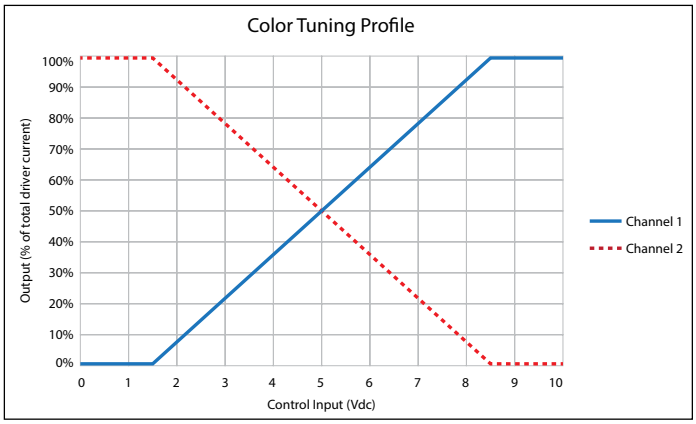


SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and grey/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

Controller Manufacturer Data

SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:

- NX Lighting Controls Room Controller (NXRC) and In-fixture Controllers (NXFM)
- Lutron: DVTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



To enable scheduling and for use with NX wall control preset stations please refer to NX SpectraSync technical sheet.

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SPECTRASYNC™ AND NX AVAILABILITY TABLE

		Only With 80 CRI No Battery Pack			Only With 80 CRI With Battery Pack		
Size	Lumen package	CTC	NX	CTC+NX	CTC	NX	CTC+NX
2ft	VW	Y	Y	N	—	—	—
	MW	Y	Y	N	—	—	—
	LW	Y	Y	N	—	—	—
	ML	N	Y	N	—	—	—
	HL	N	Y	N	—	—	—
4ft	XW	Y	Y	Y	Y	Y	Y
	VW	Y	Y	Y	Y	Y	Y
	MW	Y	Y	Y	Y	Y	Y
	LW	Y	Y	Y	Y	Y	Y
	ML	Y	Y	Y	Y	Y	Y
	HL	Y	Y	Y	Y	Y	Y
	VL	N	Y	N	N	Y	N
	XL	N	Y	N	N	Y	N
8ft	XW	Y	Y	Y	Y	Y	Y
	VW	Y	Y	Y	Y	Y	Y
	MW	N	Y	N	N	Y	N
	LW	N	Y	N	N	Y	N
	ML	N	Y	N	N	Y	N
	HL	N	Y	N	N	Y	N
	VL	N	Y	N	N	Y	N
	XL	N	Y	N	N	Y	N

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MPS

MULTIPURPOSE LINEAR

DELIVERED LUMENS

STANDARD EFFICACY PERFORMANCE TABLE						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	INPUT WATTS	LPW
MPS4-XW	3500K	CURVE	WIDE	2,544	18.1	141
		CURVE	NARROW	2,490	18.1	138
		FLAT	WIDE	2,460	18.1	136
		No Lens		2,719	18.1	150
	4000K	CURVE	WIDE	2,573	18.1	142
		CURVE	NARROW	2,518	18.1	139
		FLAT	WIDE	2,488	18.1	137
		No Lens		2,750	18.1	152
MPS4-VW	3500K	CURVE	WIDE	3,223	23.6	137
		CURVE	NARROW	3,221	23.6	137
		FLAT	WIDE	3,073	23.5	131
		No Lens		3,454	23.6	146
	4000K	CURVE	WIDE	3,258	23.6	138
		CURVE	NARROW	3,256	23.6	138
		FLAT	WIDE	3,107	23.5	132
		No Lens		3,492	23.6	148
MPS4-MW	3500K	CURVE	WIDE	3,541	26.7	133
		CURVE	NARROW	3,504	26.7	131
		FLAT	WIDE	3,453	26.8	128
		No Lens		3,811	26.7	143
	4000K	CURVE	WIDE	3,580	26.7	134
		CURVE	NARROW	3,543	26.7	133
		FLAT	WIDE	3,491	26.8	130
		No Lens		3,853	26.7	144
MPS4-LW	3500K	CURVE	WIDE	3,878	27.3	142
		CURVE	NARROW	3,836	27.4	140
		FLAT	WIDE	3,753	27.4	137
		No Lens		4,172	27.4	152
	4000K	CURVE	WIDE	3,921	27.3	144
		CURVE	NARROW	3,878	27.4	142
		FLAT	WIDE	3,794	27.4	138
		No Lens		4,218	27.4	154
MPS4-ML	3500K	CURVE	WIDE	4,419	31.6	140
		CURVE	NARROW	4,370	31.6	138
		FLAT	WIDE	4,230	31.6	134
		No Lens		4,784	31.7	151
	4000K	CURVE	WIDE	4,468	31.6	141
		CURVE	NARROW	4,418	31.6	140
		FLAT	WIDE	4,277	31.6	135
		No Lens		4,837	31.7	153
MPS4-HL	3500K	CURVE	WIDE	5,658	41.7	136
		CURVE	NARROW	5,592	41.7	134
		FLAT	WIDE	5,393	41.5	130
		No Lens		5,489	41.8	131
	4000K	CURVE	WIDE	5,720	41.7	137
		CURVE	NARROW	5,654	41.7	136
		FLAT	WIDE	5,452	41.5	131
		No Lens		5,549	41.8	133
MPS4-VL	3500K	CURVE	WIDE	6,643	47.1	141
		CURVE	NARROW	6,571	47.1	140
		FLAT	WIDE	4,983	36.3	137
		No Lens		7,217	47.2	153
	4000K	CURVE	WIDE	6,717	47.1	143
		CURVE	NARROW	6,644	47.1	141
		FLAT	WIDE	5,038	36.3	139
		No Lens		7,297	47.2	155
MPS4-XL	3500K	CURVE	WIDE	7,646	56.4	136
		CURVE	NARROW	7,522	56.4	133
		FLAT	WIDE	7,325	56.6	129
		No Lens		8,273	56.6	146
	4000K	CURVE	WIDE	7,732	56.4	128
		CURVE	NARROW	7,608	56.4	135
		FLAT	WIDE	7,408	56.6	131
		No Lens		8,366	56.6	148
MPS8-XW	3500K	CURVE	WIDE	5,089	36.2	141
		CURVE	NARROW	4,980	36.2	138
		FLAT	WIDE	4,921	36.2	136
		No Lens		5,439	36.2	150
	4000K	CURVE	WIDE	5,146	36.2	142
		CURVE	NARROW	5,037	36.2	139
		FLAT	WIDE	4,977	36.2	137
		No Lens		5,500	36.2	152

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DELIVERED LUMENS (CONTINUED)

STANDARD EFFICACY PERFORMANCE TABLE						
FIXTURE	COLOR	LENS	DISTRIBUTION	LUMENS	INPUT WATTS	LPW
MPS8-VW	3500K	CURVE	WIDE	6,446	47.2	137
		CURVE	NARROW	6,442	47.2	136
		FLAT	WIDE	6,146	47	131
		No Lens		6,908	47.2	146
	4000K	CURVE	WIDE	6,517	47.2	138
		CURVE	NARROW	6,513	47.2	138
		FLAT	WIDE	6,214	47	132
		No Lens		6,984	47.2	148
MPS8-MW	3500K	CURVE	WIDE	7,082	53.4	133
		CURVE	NARROW	7,008	53.4	131
		FLAT	WIDE	6,906	53.6	129
		No Lens		7,622	53.4	143
	4000K	CURVE	WIDE	7,160	53.4	134
		CURVE	NARROW	7,085	53.4	133
		FLAT	WIDE	6,982	53.6	130
		No Lens		7,706	53.4	144
MPS8-LW	3500K	CURVE	WIDE	7,756	54.6	142
		CURVE	NARROW	7,672	54.8	140
		FLAT	WIDE	7,506	54.8	137
		No Lens		8,344	54.8	152
	4000K	CURVE	WIDE	7,841	54.6	144
		CURVE	NARROW	7,756	54.8	142
		FLAT	WIDE	7,589	54.8	138
		No Lens		8,436	54.8	154
MPS8-ML	3500K	CURVE	WIDE	8,838	63.2	140
		CURVE	NARROW	8,740	63.2	138
		FLAT	WIDE	8,460	63.2	134
		No Lens		9,568	63.4	151
	4000K	CURVE	WIDE	8,935	63.2	141
		CURVE	NARROW	8,836	63.2	140
		FLAT	WIDE	8,553	63.2	135
		No Lens		9,673	63.4	153
MPS8-HL	3500K	CURVE	WIDE	11,316	83.4	136
		CURVE	NARROW	11,184	83.4	134
		FLAT	WIDE	10,786	83	130
		No Lens		10,978	83.6	131
	4000K	CURVE	WIDE	11,440	83.4	137
		CURVE	NARROW	11,307	83.4	136
		FLAT	WIDE	10,905	83	131
		No Lens		11,099	83.6	133
MPS8-VL	3500K	CURVE	WIDE	13,286	94.2	141
		CURVE	NARROW	13,142	94.2	140
		FLAT	WIDE	9,965	72.6	137
		No Lens		14,433	94.4	153
	4000K	CURVE	WIDE	13,434	94.2	143
		CURVE	NARROW	13,288	94.2	141
		FLAT	WIDE	10,076	72.6	139
		No Lens		14,594	94.4	155
MPS8-XL	3500K	CURVE	WIDE	15,291	112.8	136
		CURVE	NARROW	15,045	112.8	133
		FLAT	WIDE	14,650	113.2	129
		No Lens		16,545	113.2	146
	4000K	CURVE	WIDE	15,464	112.8	137
		CURVE	NARROW	15,215	112.8	135
			WIDE	14,816	113.2	131
		No Lens		16,732	113.2	148

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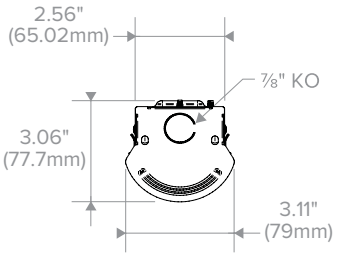
MPS

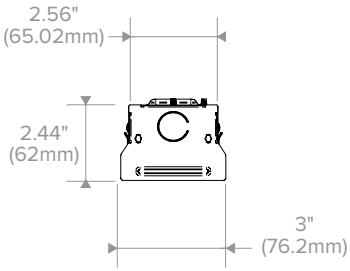
MULTIPURPOSE LINEAR

DIMENSIONS

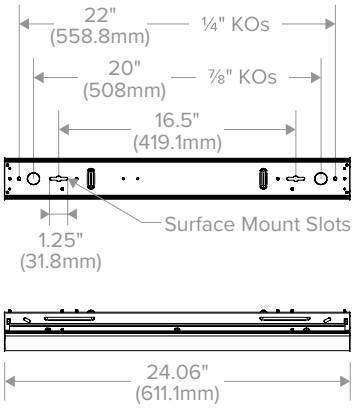
MPS END View - Curve Lens



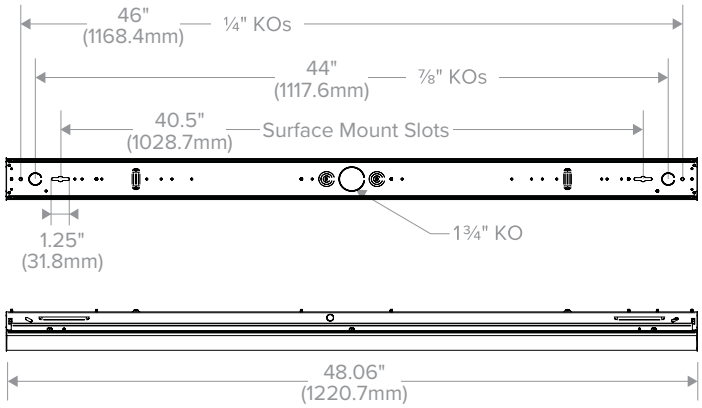
MPS END View - FLAT Lens



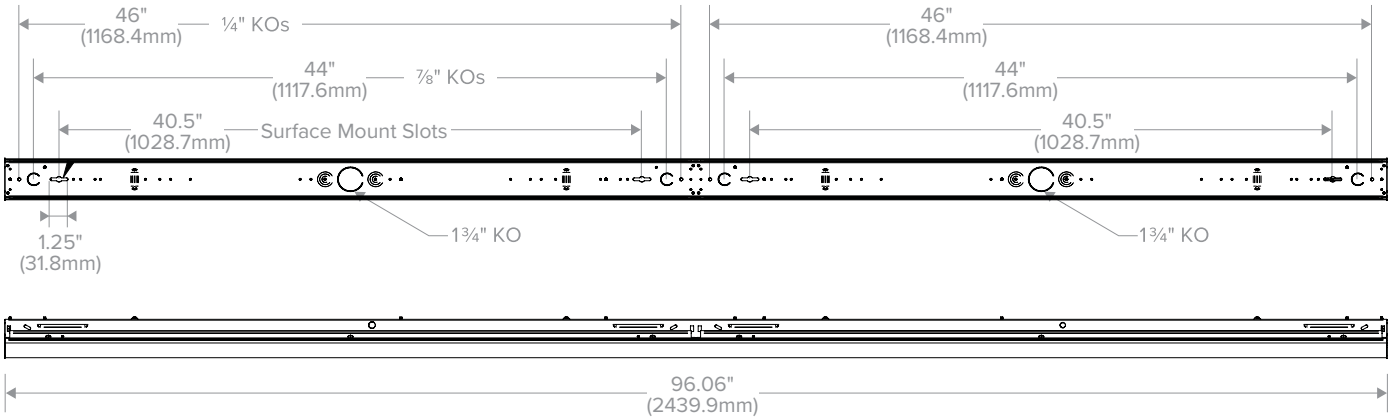
MPS 2' Dimensions



MPS 4' Dimensions



MPS 8' Dimensions



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MPS

MULTIPURPOSE LINEAR

PHOTOMETRY

MPS4-40ML-CN-EDU

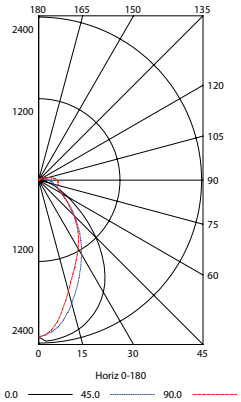
LUMINAIRE DATA

Test No.	**21.00769**
Description	**4' Multi-Purpose Strip-Light w/ Curved, Narrow-Distribution Acrylic Lens**
Delivered Lumens	**4423**
Watts	**31.6**
Efficacy	**140**
Mounting	**Surface**
Spacing Criterion	**0° = 1.22 90° = 0.78**

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1472	33.3
0–40	2227	50.4
0–60	3359	75.9
0–90	4126	93.3
0–180	4423	100.0

POLAR GRAPH



MPS4-40ML-CW-EDU

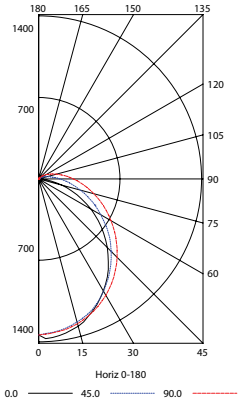
LUMINAIRE DATA

Test No.	**21.00759**
Description	**4' Multi-Purpose Strip-Light w/ Diffuse, Curved Acrylic Lens**
Delivered Lumens	**4469**
Watts	**31.6**
Efficacy	**141**
Mounting	**Surface**
Spacing Criterion	**0° = 1.23 90° = 1.28**

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0–30	1036	23.2
0–40	1693	37.9
0–60	3010	67.4
0–90	4158	93.0
0–180	4469	100.0

POLAR GRAPH



MPS4-40ML-FW-EDU

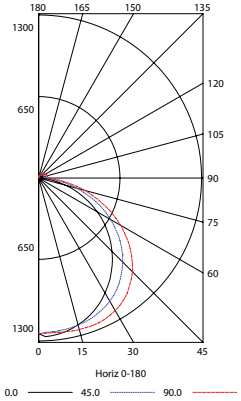
LUMINAIRE DATA

Test No.	**21.00779**
Description	**4' Multi-Purpose Strip-Light w/ Flat, Wide-Distribution Acrylic Lens**
Delivered Lumens	**4279**
Watts	**31.6**
Efficacy	**135**
Mounting	**Surface**
Spacing Criterion	**0° = 1.26 90° = 1.45**

ZONAL LUMEN SUMMARY

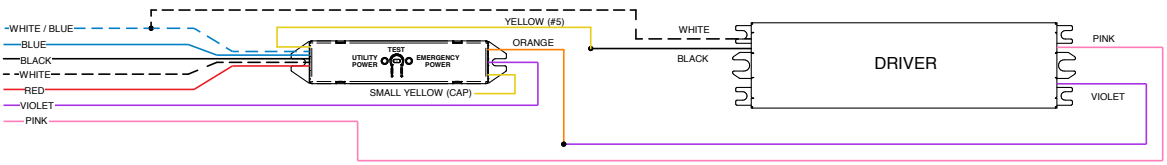
Zone	Lumens	% Luminaire
0–30	1006	23.5
0–40	1684	39.4
0–60	3089	72.2
0–90	4070	95.1
0–180	4279	100.0

POLAR GRAPH



ADDITIONAL INFORMATION

DTS WIRING DIAGRAM (0–10V DIMMING DRIVER SHOWN)



WHITE/BLUE	Emergency Neutral
BLUE	Emergency Line
BLACK	Utility Line (Unswitched Hot)
WHITE	Utility Neutral
RED	Switched Hot
VIOLET	Dimming
PINK	Dimming

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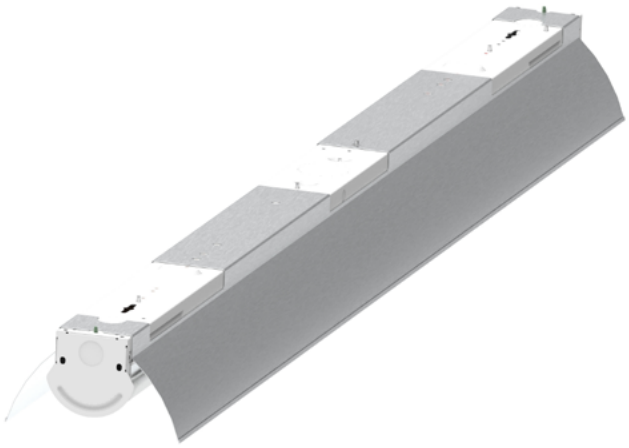
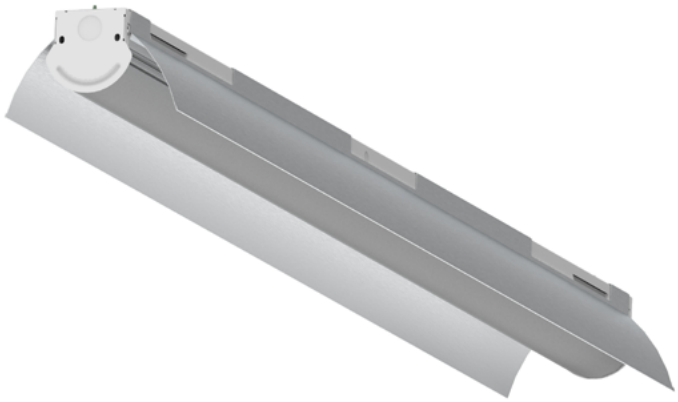
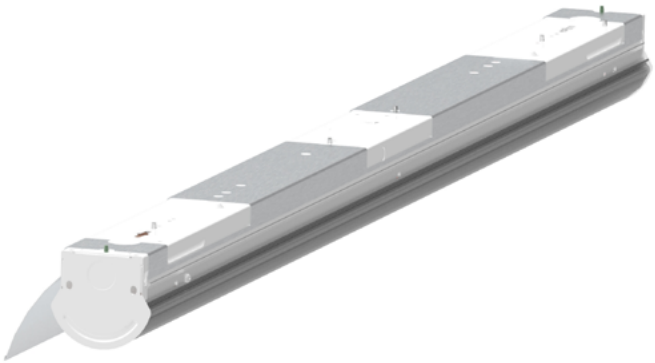
REFLECTORS

SYMMETRIC REFLECTORS





ASYMMETRIC REFLECTORS



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