

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Uniform end-to-end lens brightness with optional continuous row mounting that gives an uninterrupted ribbon of light
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Available in 2', 4' or 8' lengths
- Optional 90 or 120 min integral emergency battery pack (CEC Title 20 Compliant)
- Curved and flat acrylic and curved polycarbonate lens options or a no lens (NL) version. Wide and Narrow distributions available
- Modular replaceable LED boards and driver accessible for future maintenance or upgrades
- Surface mount, wall mount or suspended mounting



CONTROLS TECHNOLOGY



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 lens

INSTALLATION

- Knockouts are provided for electrical access and mounting
- WARNING** – Removing the lens during installation exposes the LEDs and due to their fragility they could be damaged. Handle the LED reflector plate with care, do not rest the LED reflector plate upside down directly on its LEDs as this could result in damage. Damage to LEDs from mishandling during installation will not be covered under warranty.

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

ELECTRICAL (CONTINUED)

- Drivers < 10% THD at 120V, power factor > 0.95

CONTROLS

- NX Lighting Controls provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments
- NX Connect is a standalone wireless deployment for room based applications using wireless enabled and battery operated devices
- SpectraSync(TM) Color Tuning Technology offers a tunable white solution and integrates seamlessly into a variety of control systems



NXWSM, NXESM



NXCS

SERVICE PROGRAMS

STOCK **QS15**

Typical Dimensions and Weights					
Sizes	(B) Width Inches (mm)		(C) Height Inches (mm)		Weight lbs (kg)
	Curve Lens	Flat Lens	Curve Lens	Flat Lens	
2'					4.0 (1.8)
4'	3.11 (79)	3.00 (76)	3.06 (78)	2.44 (62)	6.0 (2.7)
8'					12.0 (5.4)

CERTIFICATIONS

- All luminaires are built to UL 1598 standards, and bear appropriate cCSAus labels
- Emergency battery pack options are California Energy Commission (CEC) Title 20 compliant

CERTIFICATIONS (CONTINUED)

- 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 wiring diagram.
- DLC® (DesignLights Consortium) Qualified, Please refer to the DLC website for specific product qualifications at www.designlights.org
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11) [See Buy America\(n\) Solutions](#)

WARRANTY

- 5 year warranty

STOCK GUIDE

Catalog No.	UPC	Description	Weight (lbs)	Pallet Qty	DLC QPL
<input type="checkbox"/> MPS4-35ML-CW-EDU	078531138714	4', 80 CRI, 3500K, 4556 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0-10V Dimming Driver, 120-277V, 40W, 114 LPW, White	6.1	56	PKQ78077
<input type="checkbox"/> MPS4-35ML-FW-EDU	603134946413	4', 80 CRI, 3500K, 4230 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0-10V Dimming Driver, 120-277V, 31W, 134 LPW, White	6.1	56	P9P5CV62
<input type="checkbox"/> MPS4-40ML-CW-EDU	078531138721	4', 80 CRI, 4000K, 4614 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0-10V Dimming Driver, 120-277V, 40W, 115 LPW, White	6.1	56	P04CB2S2
<input type="checkbox"/> MPS4-40ML-FW-EDU	603134946420	4', 80 CRI, 3500K, 4277 Lumens, Flat Frosted Acrylic Wide Distribution Lens, 0-10V Dimming Driver, 120-277V, 31W, 135 LPW, White	6.1	56	PLLGKQUQ
<input type="checkbox"/> MPS8-50ML-CW-EDU	078531138752	8', 80 CRI, 5000K, 9532 Lumens, Curved Frosted Acrylic Wide Distribution Lens, 0-10V Dimming Driver, 120-277V, 80W, 119 LPW, White	13.6	56	PSCRM7L
<input type="checkbox"/> CSHC	078531000868	Chain Hanging Assembly - (2) 14" Chains and V-Hooks	0.2	N/A	N/A

ORDERING GUIDE

Example: MPS4–40ML–CW–EDU

MPS															
Model		Size ¹		CRI		Color Temp		Nominal Lumens		Lens		Distribution		Driver ⁴	
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-Off
						2765T	2700K–6500K SpectraSync™ Tunable White ²	ML	2'(3400), 4'(4500), 8' (8900)					ESD	Step Dimming ⁵
								HL	2'(3700), 4'(5800), 8' (11,500)					LUTH	Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ^{5,6}
								VL	4' (6800), 8' (13,500)					DALIP	Powered by DALI ⁵
								XL	4' (7,800), 8' (15,500)						

Voltage	Options		Control Options ^{13, 23, 24, 25}
U 120V-277V	ELL14	10W Emergency Battery Pack (CEC Title 20 Compliant) Installed ^{5, 7, 8, 9}	NX Lighting Controls
347 347V (E, ED, ED1 only)	ELL14H2	9W Emergency Battery Pack (CEC Title 20 Compliant) Installed, 2-Hour Run Time ^{5, 7, 8, 9, 10}	Networked Wireless
	GLR	Fast Blow Fuse	NXW NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor ^{26, 27}
	GTD	Generator Transfer Device ^{5, 11}	NXWSM NX Networked Wireless Enabled Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27}
	DTS	Dimming Bypass Module ^{5, 12}	Networked Wired
	MPSCE	Injection Molded ABS Material Curve Endcap ¹³	NXE NX Wired Dual RJ45 SmartPORTS, without Sensor ^{26, 27}
	MPSCE-MB	Injection Molded ABS Material Curve Endcap, Matte Black ¹⁴	NXESM NX Wired Dual RJ45 SmartPORTS & Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ^{26, 27}
	MPSFE	Injection Molded ABS Material Flat Endcap ¹³	Independent Control
	MPSFE-MB	Injection Molded ABS Material Flat Endcap, Matte Black ¹⁴	NXCS NX Connect NXC-WIZ20 Wireless Indoor Occupancy & Photocell Sensor ^{5, 28, 29}
	MB	Matte Black	BTSL Bluetooth Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens ^{26, 27}
	SLV	Silver	Other Lighting Controls
	PAF	Painted After Fabrication	Networked Wireless
	MST	MASTER fixture that controls one or more SATELLITE fixtures in a continuous row application ^{15, 16, 17, 18, 19, 20, 21}	LVR Lutron Vive Integral Fixture Control DFCSJ-OEM-RF (RF only) ^{5, 28, 29, 30}
	SAT	SATELLITE fixture controlled by MASTER fixture in a continuous row application ^{16, 17, 18, 19, 20, 21}	LVS Lutron Vive Integral Fixture Control DFCSJ-OEM-OCC (RF with daylight and occupancy sensing) ^{5, 28, 29, 30}
	INT	Intermediate (provides ends with wiring access for continuous row mounting) ^{20, 21, 22}	AWNRL Lutron Athena Integral Fixture Control A-WN-DO1-RF-WH (RF only) ^{5, 26, 29}
	EOR	End of Row (provides end wiring access for continuous row mounting) ^{20, 21, 22}	Independent Control
			ODPG Occupancy and Daylight Sensors w/ Grouping, Philips SNS200 ^{5, 28, 29}
			ZLS05 Occupancy & Daylight Sensor, Leviton ZLS05 ^{5, 26, 29}

Notes:

- 1 Refer to Row Mount Ordering Instructions for Continuous Row applications
- 2 Refer to SpectraSync and NX Availability table
- 3 Only available with Curve, Frosted Acrylic lens option
- 4 Dimming curves may vary dependent upon lumen output and driver option chosen
- 5 Not available in 347V
- 6 Not available with VL or XL lumen packages
- 7 To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
- 8 Not available with 2ft fixture. Not available with thru wire and XL lumen package on 4ft and 8ft fixtures
- 9 Emergency battery pack ambient temperature: 0°C min, 25°C max
- 10 Not available for use in Canada
- 11 Only available with E, Fixed Output driver option
- 12 For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924. See wiring diagram. Cannot be combined with SpectraSync or Controls options in 2ft fixture
- 13 PAF option included when this option is chosen
- 14 Only available with MB or ZT finish options

Continuous Row Options

- 15 Not available with INT option
- 16 One MST fixture can control multiple SAT fixtures but a SAT fixture can only be controlled by one MST fixture
- 17 Consult factory for NX Lighting Controls applications
- 18 Not available with LUTH
- 19 Not available with DTS or GTD
- 20 All fixtures in a continuous row application must use the same driver type and voltage
- 21 Quick connect wiring harness included
- 22 Suspension support required at every fixture coupling, see Mounting Accessories Guide

All Controls

- 23 Control Options include injection molded ABS end cap
- 24 Dry location rated only
- 25 Minimum ambient temperature: 0°C (32°F)

NX Lighting Controls

- 26 Only available with ED, ED1 or EDD driver options
- 27 Not available in 2ft when combined with SpectraSync

Other Lighting Controls Options

- 28 Only available with DALIP driver option
- 29 Not available with SpectraSync
- 30 Vive is a trademark of Lutron Electronics Co., Inc.

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ORDERING GUIDE (CONTINUED)

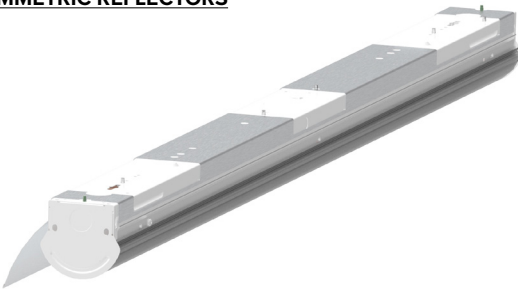
Accessories	
<input type="checkbox"/> S18	18" Stem, Canopy
<input type="checkbox"/> SS18	18" Swivel Stem—45° Swivel
<input type="checkbox"/> CM24SCF3-KIT	24" Adjustable Cable Mounting Kit, 3-wire feed ²⁷
<input type="checkbox"/> CM48SCF3-KIT	48" Adjustable Cable Mounting Kit, 3-wire feed ²⁷
<input type="checkbox"/> CM24NF-KIT	Single Point Non-Feed Cable Mount with Canopy, Single-24" ²⁷
<input type="checkbox"/> CM48NF-KIT	Single Point Non-Feed Cable Mount with Canopy, Single-48" ²⁷
<input type="checkbox"/> CSHC	Chain Hanger Assembly
<input type="checkbox"/> MPSZT	Zip Tee Hanger - 1½" Spacer on T-Bar Ceiling
<input type="checkbox"/> MPSTH	Slide Tong Hanger
<input type="checkbox"/> MPSCRK-C	Continuous Row Kit, Curve
<input type="checkbox"/> MPSCRK-F	Continuous Row Kit, Flat
<input type="checkbox"/> MPSWG2	2' Wire Guard
<input type="checkbox"/> MPSWG4	4' Wire Guard, two Required for 8' Fixture
<input type="checkbox"/> MPSCE	Injection Molded ABS Material Curve Endcap
<input type="checkbox"/> MPSCE-MB	Injection Molded ABS Material Curve Endcap, Matte Black
<input type="checkbox"/> MPSFE	Injection Molded ABS Material Flat Endcap
<input type="checkbox"/> MPSFE-MB	Injection Molded ABS Material Flat Endcap, Matte Black
<input type="checkbox"/> REFL-MPS4 STL SLD W16	4' Symmetric Reflector Solid
<input type="checkbox"/> REFL-MPS4 STL SLTD W16	4' Symmetric Reflector Slotted
<input type="checkbox"/> REFL-MPS4 STL SLD ASYMW16	4' Asymmetric Reflector Solid

SYMMETRIC REFLECTORS



REFL-MPS4 STL SLD W16
4" Symmetric Reflector Solid

ASYMMETRIC REFLECTORS



REFL-MPS4 STL SLD ASYM W16
4" Asymmetric Reflector Solid

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

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
MPS4-VW	3500K	No Lens		2,750	18.1	152
		CURVE	WIDE	3,223	23.6	137
		CURVE	NARROW	3,221	23.6	137
		FLAT	WIDE	3,073	23.5	131
	4000K	No Lens		3,454	23.6	146
		CURVE	WIDE	3,258	23.6	138
		CURVE	NARROW	3,256	23.6	138
MPS4-MW	3500K	FLAT	WIDE	3,107	23.5	132
		No Lens		3,492	23.6	148
		CURVE	WIDE	3,541	26.7	133
		CURVE	NARROW	3,504	26.7	131
	4000K	FLAT	WIDE	3,453	26.8	128
		No Lens		3,811	26.7	143
		CURVE	WIDE	3,580	26.7	134
MPS4-LW	3500K	CURVE	NARROW	3,543	26.7	133
		FLAT	WIDE	3,491	26.8	130
		No Lens		3,853	26.7	144
	4000K	CURVE	WIDE	3,878	27.3	142
		CURVE	NARROW	3,836	27.4	140
		FLAT	WIDE	3,753	27.4	137
	4000K	No Lens		4,172	27.4	152
MPS4-ML	3500K	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
	4000K	CURVE	WIDE	4,419	31.6	140
		CURVE	NARROW	4,370	31.6	138
		FLAT	WIDE	4,230	31.6	134
MPS4-HL	3500K	No Lens		4,784	31.7	151
		CURVE	WIDE	4,468	31.6	141
		CURVE	NARROW	4,418	31.6	140
		FLAT	WIDE	4,277	31.6	135
	4000K	No Lens		4,837	31.7	153
		CURVE	WIDE	5,658	41.7	136
		CURVE	NARROW	5,592	41.7	134
MPS4-VL	3500K	FLAT	WIDE	5,393	41.5	130
		No Lens		5,489	41.8	131
		CURVE	WIDE	5,720	41.7	137
		CURVE	NARROW	5,654	41.7	136
	4000K	FLAT	WIDE	5,452	41.5	131
		No Lens		5,549	41.8	133
		CURVE	WIDE	6,643	47.1	141
MPS4-XL	3500K	CURVE	NARROW	6,571	47.1	140
		FLAT	WIDE	4,983	36.3	137
		No Lens		7,217	47.2	153
		CURVE	WIDE	6,717	47.1	143
	4000K	CURVE	NARROW	6,644	47.1	141
		FLAT	WIDE	5,038	36.3	139
		No Lens		7,297	47.2	155
MPS8-XW	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
MPS8-XW	3500K	No Lens		8,366	56.6	148
		CURVE	WIDE	5,089	36.2	141
		CURVE	NARROW	4,980	36.2	138
		FLAT	WIDE	4,921	36.2	136
	4000K	No Lens		5,439	36.2	150
		CURVE	WIDE	5,146	36.2	142
		CURVE	NARROW	5,037	36.2	139
MPS8-XW	4000K	FLAT	WIDE	4,977	36.2	137
		No Lens		5,500	36.2	152

DATE:	LOCATION:
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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
		FLAT	WIDE	14,816	113.2	131
		No Lens		16,732	113.2	148

DATE:

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CATALOG #:

AMBIENT TEMPERATURE RATINGS

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	—	—
8'	XL*	25	25	25	25	25	25	25	25	—	—
	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

PROJECTED LUMEN MAINTENANCE

Calculation Method	Ambient Temp	25,000 hrs	50,000 hrs	60,000 hrs *
TM-21-11	25C/77F	0.93	0.86	0.84
TM-21-22	25C/77F	0.93	0.86	0.84

* Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

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NX LIGHTING CONTROLS

Control Option Ordering Logic & Description			Control Option Functionality								Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	-	-	✓	✓	✓		NXRM2-H
	NXWSM	NX Networked Wireless Enabled Integral NXSMP2-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming	✓	✓	✓	✓	✓	✓	✓	✓		NXSMP2-SMI
NX Wired	NXE	NX Wired Dual RJ45 SmartPORTS , without Sensor	✓	✓	✓	-	-	✓	✓	✓ ¹		NXDSP
	NXESM	NX Wired Dual RJ45 SmartPORTS and Integral NXSMP2-SMI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth® Programming	✓	✓	✓	✓	✓	✓	✓	✓		NXDSP NXSMP2-SMI
NX Independent	NXCS	NX Connect NXC-WIZ20 Wireless Indoor Occupancy and Photocell Sensor	-	✓	-	✓	✓	✓	✓	✓ ²		NXC-WIZ20
	BTSL	Bluetooth® Programmable, BTSMP-LMI PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	-	-	-	✓	✓	✓	✓	✓		BTSMP-LMI

1 Requires NXBTC, order separately.
2 Requires use of NX Connect App available for download from Apple app store.

DEFAULT SETTINGS

NX Wireless & Wired	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7 Minutes
	Occupancy Sensor Timeout	15 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0% (OFF)
	Daylight Sensor	Disabled
	Bluetooth	Enabled
	2.4GHz Wireless Mesh	Off
	Passcode	Enabled
	Factory Passcode: HubbN3T!	Enabled
NX Independent - NX Connect (NXCS)	Settling/Dwell Time	5 sec
	Hold Time	10 min
	Group Hold Time	10 min
	Grace Time	-
	Strategy	Auto ON/OFF
	Occupancy Sensitivity	5 (highest)
	Occupancy Indicator	ON
	Partial Off/Standby	0%
	Background Level	50%
	Task Level	100%
	Daylight Harvesting	-
	Low Ambient Output	250%
	High Ambient Output	OFF
NX Independent - BTSL	Occupancy Sensor	Enabled
	Occupancy Sensor Sensitivity	7
	Occupancy Sensor Timeout	8 Minutes
	Occupied Dim Level	100%
	Unoccupied Dim Level	0% (OFF)
	Daylight Sensor	Disabled

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

NX LIGHTING CONTROLS (CONTINUED)

PRODUCT IMAGES



CONTROLS TECHNICAL SUPPORT

1-800-888-8006 (7:00 am–7:00 pm est)

APP INFORMATION

NX Lighting Controls App



The NX Lighting Controls App is a free to use mobile application for programming both an NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enabled luminaires and program your NX system settings.



Android



Apple iOS

NX Connect App



The NX Connect mobile App is a free to use mobile application for programming a NX Connect System. The mobile App allows you to discover, configure and share your NX Connect system.



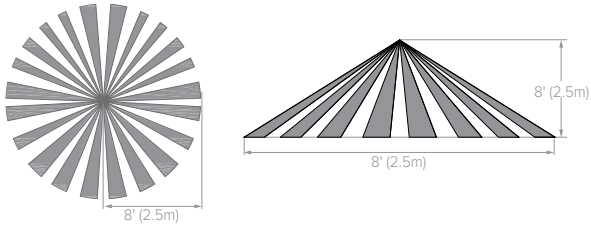
Apple iOS

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

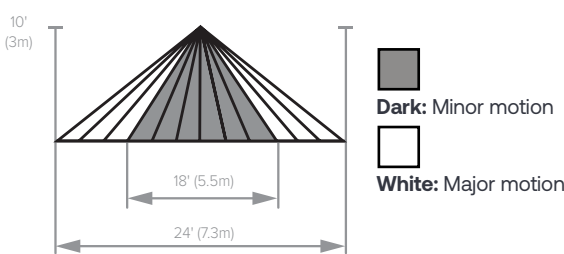
NX LIGHTING CONTROLS (CONTINUED)

COVERAGE PATTERNS

NXWSM/NXESM (NXSMP2-SMI SENSOR)

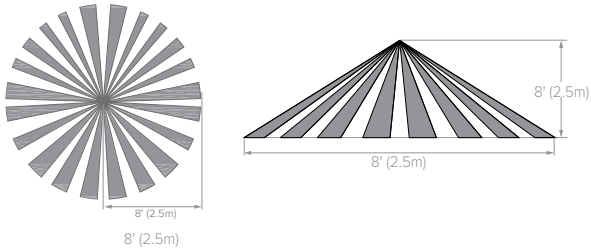


NXCS (NXC-WIZ20 SENSOR)



PIR sensor coverage tested as defined in NEMA WD7-2011

BTSL



OTHER LIGHTING CONTROLS

Control Option Ordering Logic & Description			Control Option Functionality								Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming		
Other	ODPG	Occupancy sensing, daylight harvesting and task tuning in one device. ¹	-	✓	-	✓	✓	✓	✓	✓ ³		SNS200
	LVR	The Vive integral fixture control is a radio frequency (RF) device that controls either Lutron EcoSystem or DALI drivers based on RF input from Pico remote controls, Radio Powr Savr wireless sensors, or Vive hubs. ²	✓	✓	✓	-	-	-	✓	-		DFCSJ-OEM-RF
	LVS		✓	✓	✓	✓	✓	-	✓	-		DFCSJ-OEM-OCC
	AWNDR	The Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system. ³	✓	✓	-	-	-	✓	✓	-		A-WN-D01-RF-WH
	AWNS		✓	✓	✓	✓	✓	✓	✓	-		A-WN-D01-OCC-WH

1 Philips MasterConnect App required for field configuration.
2 Lutron Vive Hub required to enable Networking, Grouping and Scheduling.
3 Lutron Athena Hub required to enable Networking, Grouping and Scheduling.

SPECTRASync™ COLOR TUNING TECHNOLOGY

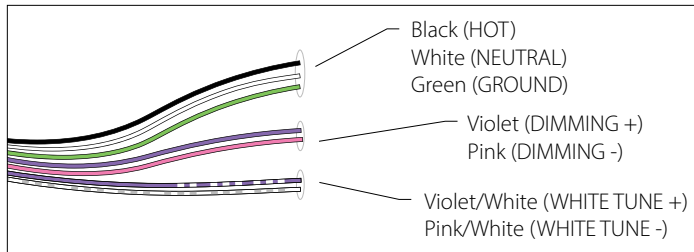
Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.



SPECTRASync COLOR TUNING TECHNOLOGY		
Mode	Kelvin Range	Description
Tunable White	2700K–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

Requires two 0–10V controllers, one for intensity and one for CCT.
Minimum 5% dimming.

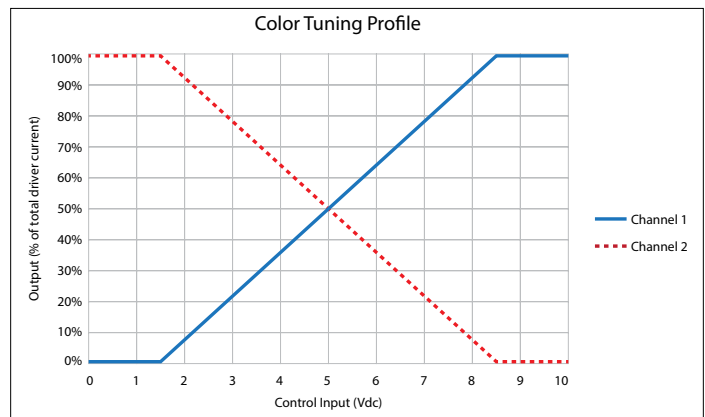


SpectraSync Tunable White luminaires are provided with two 0–10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and grey/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

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: DDTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



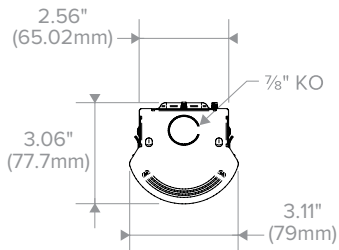
To enable scheduling and for use with NX wall control preset stations please refer to NX SpectraSync technical sheet.

SPECTRASync™ AND NX AVAILABILITY TABLE

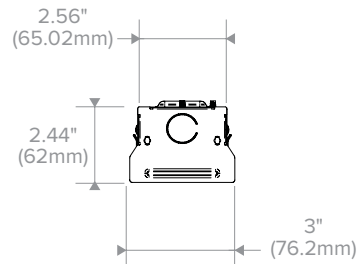
		Only With 80 CRI			Only With 80 CRI		
		No Battery Pack			With Battery Pack		
Size	Lumen package	CTC	NX	CTC+NX	CTC	NX	CTC+NX
2ft	VW	Y	Y	N	—	—	—
	MW	Y	Y	N	—	—	—
	LW	Y	Y	N	—	—	—
	ML	N	Y	N	—	—	—
	HL	N	Y	N	—	—	—
4ft	XW	Y	Y	Y	Y	Y	Y
	VW	Y	Y	Y	Y	Y	Y
	MW	Y	Y	Y	Y	Y	Y
	LW	Y	Y	Y	Y	Y	Y
	ML	Y	Y	Y	Y	Y	Y
	HL	Y	Y	Y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

DIMENSIONS

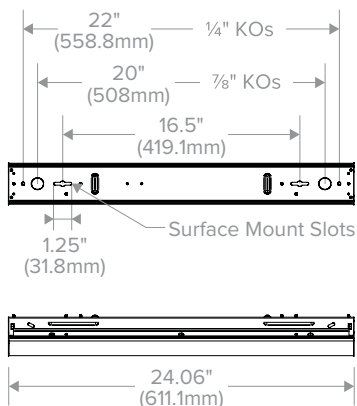
MPS END View - Curve Lens



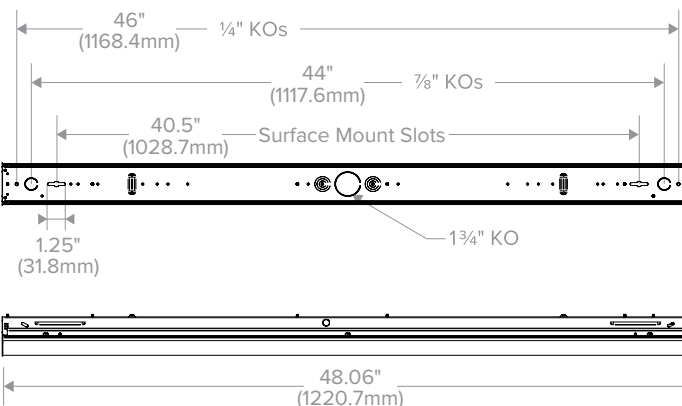
MPS END View - FLAT Lens



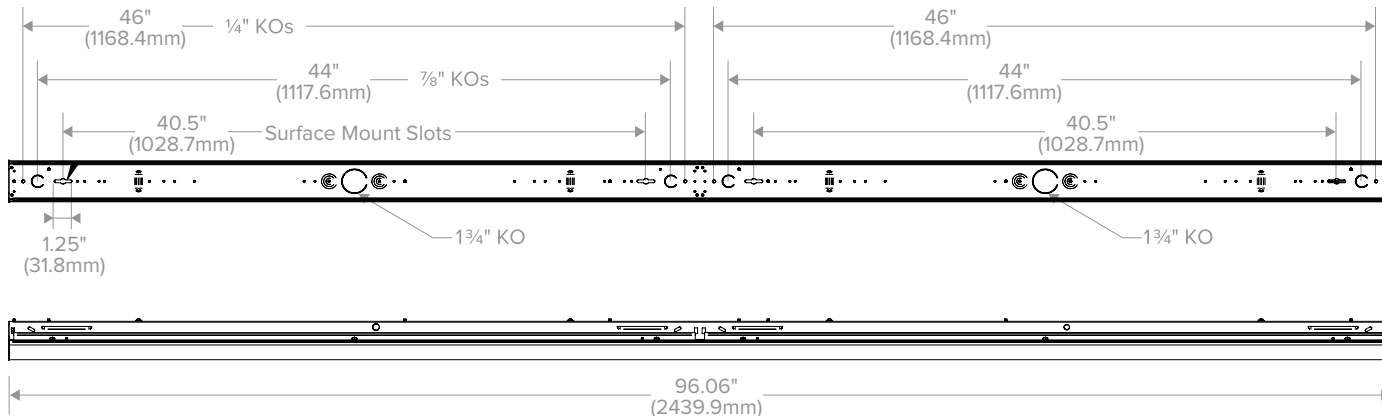
MPS 2' Dimensions



MPS 4' Dimensions



MPS 8' Dimensions



PHOTOMETRY

MPS4-40ML-CN-EDU

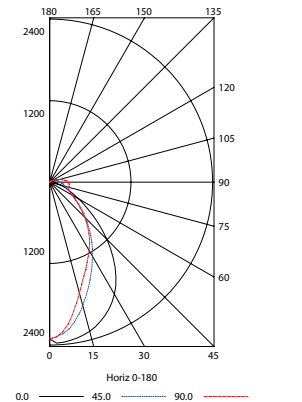
LUMINAIRE DATA

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

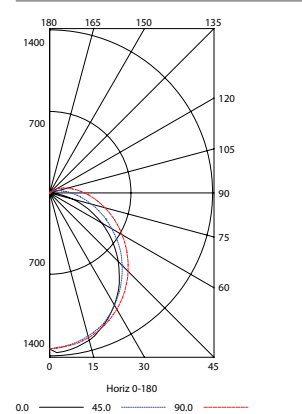
LUMINAIRE DATA

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

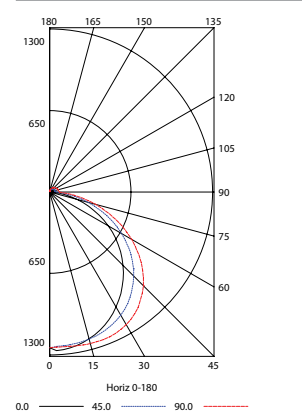
LUMINAIRE DATA

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



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

