

Project Name:	Type:
Part Number:	Date:

PXCYL Cylinder 6"

SPECIFICATION FEATURES

- **Mechanical** - Compact fixture body made from die cast aluminum. Proprietary selectable output driver and polycarbonate lens design provide high quality light to compliment any space. Fixture bodies are available in matte black and matte white, or additional customized colors. Available in Surface, Pendant, Swivel, Suspension cable or Wall mount configuration.
- **Electrical** - Two selectable lumen output driver options with SelectDrive technology. The 120V, 50/60 Hz driver is forward or reverse phase dimmable to 5%. The 120-277V, 50/60 Hz driver is 0-10V dimmable to 5% with a low end cutoff and comes with a 12V auxiliary port that provides power for field installed sensors and control modules. Additional DualDim driver is also available, with 0-10V dimming down to 1% at 120-277V and Forward/Reverse phase dimming at 120V only. Static lumen output driver options include the Lutron Hi-Lume 1% EcoSystem driver with Soft-On, Fade-to-Black which dims to 1%. EldoLED ECoDrive and SOLOdrive drivers are available in 0-10V and DALi configurations and dim smoothly to 1% and 0.1% respectively. Features optional integrated 6W emergency driver for maintaining a visually appealing consistency, other emergency options for higher power are also available for external field installation.
- **Optical** - Flanged spun aluminum reflector. 45° optical cutoff. Field interchangeable optical lenses. Five beam distributions ranging from 15° - 75°. Wall wash field installed accessory. COB LED binned to 3-step SDCM to ensure color uniformity in 2700K, 3000K, 3500K, 4000K or 5000K CCT. Minimum 90 CRI. 97 CRI with TRUE CHROMA available in 3000K only.
- **Thermal** - Die cast heat sink maximizes passive thermal management and achieves an L70 rated lifetime of 50,000 hours. Fixture operating temperature: -22°F to 95°F (-30°C to 35°C). With EM-INT option fixture should be installed in a controlled environment with ambient temperature not exceeding 77°F (25°C).
- **Compliance and Warranty** - ETL Listed for damp location, WET location available for Surface Mount and Wall Mount downlighting under covered ceiling. Complies with FCC 47CFR Part 15B consumer limits for EMI/RFI emissions. 5 year parts warranty for complete fixture. Optional 10 Year Extended Warranty available, subject to same terms, conditions and installation requirements as standard 5 Year Warranty. BAA Compliant Luminaire.



DIGITAL NAVIGATION Explore the spec sheet through the links below

ORDERING GUIDE	LINE DRAWINGS
ACCESSORY ORDERING INFORMATION	INSTALLATION
TECHNICAL INFORMATION	NOMINAL PERFORMANCE
PHOTOMETRY	CERTIFICATION INFORMATION



BENEFITS

- Get the right amount of light with SelectDrive technology
- Multiple finish and customization available to match any décor
- Surface, Pendant, Cable, Down-wall and Up-wall mounting options are available
- Field interchangeable optics ensure smooth light levels
- Large variety of dimming and sensor control options
- Integrated EM option for ease of maintenance and product installation

SUITABLE APPLICATIONS

- Retail
- Hospitality
- Residential
- Education
- Healthcare



PXCYL Cylinder 6"

ORDERING GUIDE

SelectDrive Light Engine

PART #

Example: PXCYL6/SM/LEM9035/KDIM010UNV/MD/WH/CC

Series	Size	Mounting	Light Engine ⁷	CRI	CCT	Driver	Optical Distribution	Cylinder Finish	Reflector Finish	Options
PXCYL PXCYL Cylinder	6 6"	SM Surface Mount	LES Small Light Engine 500-700-1000 lumens	90 CRI 90+	27 ³ 2700K	KDIM120V SelectDrive 120V, 50/60Hz Forward/Reverse phase dimming	SP Spot 15° Beam Angle	WH Matte White	CC Clear	BLANK None
		CM ¹ Cable Mount Ready	LEM Medium Light Engine 1500-2000-2500 lumens	97 ^{2,3} 97 CRI 3000K TRUE CHROMA	30 3000K	KDIM010UNV SelectDrive 120-277V, 50/60Hz 0-10V dimming	VN Very Narrow 25° Beam Angle	BL Matte Black	WH White	EM-INT ⁶ 6W Integrated EM Backup CEC Compliant
		PM ¹ Pendant Mount Ready	LEL Large Light Engine 3000-4000-5000 lumens		35 3500K	DUALDIM1 0-10V dimming to 1% at 120-277V, and Forward/ Reverse phase dimming at 120V only.	NR Narrow 40° Beam Angle	BZ ⁴ Bronze	CZ ⁴ Customized	WET ⁵ Wet Location Ready
		WM Wall Mount			40 4000K		MD Medium 60° Beam Angle	SV ⁴ Silver		AWN ⁸ Lutron Athena Node
		WMUP Wall Mount Up lighting			50 ³ 5000K		WD Wide 75° Beam Angle	CZ ⁴ Customized		For additional Emergency options please see field installable options below

Fixed Lumen Output Light Engine

PART #

Example: PXCYL6/SM/LE209035/XT010UNV/MD/WH/CC

Series	Size	Mounting	Light Engine	CRI	CCT	Driver	Optical Distribution	Cylinder Finish	Reflector Finish	Options
PXCYL PXCYL Cylinder	6 6"	SM Surface Mount	LE05 500 lumens	90 CRI 90+	27 ³ 2700K	DUALDIM1 0-10V dimming to 1% at 120-277V, and Forward/Reverse phase dimming at 120V only.	SP Spot 15° Beam Angle	WH Matte White	CC Clear	BLANK None
		CM ¹ Cable Mount Ready	LE07 700 lumens	97 ^{2,3} 97 CRI 3000K TRUE CHROMA	30 3000K	XT010UNV 0-10V 1% Xitanium Driver, 120-277V	VN Very Narrow 25° Beam Angle	BL Matte Black	WH White	EM-INT ⁶ 6W Integrated EM Backup CEC Compliant
		PM ¹ Pendant Mount Ready	LE10 1,000 lumens		35 3500K	LUT-1UNV Lutron EcoSystem 1% Dimming, 120-277V	NR Narrow 40° Beam Angle	BZ ⁴ Bronze	CZ ⁴ Customized	WET ⁵ Wet Location Ready
		WM Wall Mount	LE15 1,500 lumens		40 4000K	LUT-L3DUNV Lutron Hi-Lume 3-Wire 1% Dimming, 120-277V	MD Medium 60° Beam Angle	SV ⁴ Silver		For additional Emergency options please see field installable options below
		WMUP Wall Mount Up lighting	LE20 2,000 lumens		50 ³ 5000K	ELD-E010UNV EldoLED ECOdrive 0-10V 1%, 120-277V	WD Wide 75° Beam Angle	CZ ⁴ Customized		
			LE25 2,500 lumens			ELD-EDALIUNV EldoLED ECOdrive DALI 1%, 120-277V				
			LE30 3,000 lumens			ELD-S010UNV EldoLED SOLdrive 0-10V 0.1%, 120-277V				
			LE40 4,000 lumens			ELD-SDALIUNV EldoLED SOLdrive DALI 0.1%, 120-277V				
			LE50 5,000 lumens			OSRDIM010347V Osram OPTOTRONIC 0-10V 1%, 347V				

FOOTNOTES:

- Cable and Pendant Mount ready for Stem or Cable Suspension, order Canopy type and length separately.
- TRUE CHROMA only available for 3000K, contact factory for detail and other CCT.
- Non-stock item: may be subject to extended lead time and minimum order quantity. Please contact factory for details.
- Please contact factory for silver, bronze and customized finish color or customized reflectors for feasibility and lead times.
- WET location are available only for Surface Mounted and Wall Mount downlighting under covered ceiling. WET location is not compatible with any sensor options.
- EM-INT is integrated Emergency unit, factory installed, with test button on the Cylinder. Fixture with EM-INT should be installed in a controlled environment with ambient temperature not exceeding 77°F (25°C).
- Factory setting at highest lumen output for selectable lumen outputs.
- Only available with KDIM010UNV, using 12V Aux.



PXCYL Cylinder 6"

MOUNTING AND CANOPY ACCESSORIES AND OPTIONS

PART #			Example: CABLECPY/WH/50/18/3
Series	Color	Length ²	Cord Type
CABLECPY¹ Cable mount canopy for flat and slope ceiling (use with CM mounting only)	WH White	50 Adjustable length up to 50" max.	18/3 3 x 18 AWG, for non Dimming or TRIAC/ELV
	BL Black	72 Adjustable length up to 72" max.	18/3-22/2 3 x 18 AWG, 2 x 22 AWG (purple, pink), for 0-10V control and dimming and/or to connect a field installable micro inverter (FHUPS1-UNV-25L-SD)
	CZ³ Customized	100 Adjustable length up to 100" max.	18/4-22/2 4 x 18 AWG, 2 x 22 AWG, for emergency wiring with EM-INT option or field installable EM driver (FHSCP-UNV-10.7WL(-CEC))
		CZ³ Customized	

PART #			Example: STEMSCCPY/3-8/WH/12/18/3
Series	Color	Length	Cord Type
STEMSCCPY/3-8¹ Pendant Canopy with 3/8 IPS Stem for flat and slope ceiling up to 45° (Use with PM only)	WH White	12 12" long	18/3 3 x 18 AWG, for non Dimming or TRIAC/ELV
	BL Black	24 24" long	18/3-22/2 3 x 18 AWG, 2 x 22 AWG (purple, pink), for 0-10V control and dimming and/or to connect a field installable micro inverter (FHUPS1-UNV-25L-SD)
	CZ³ Customized	36 36" long	18/4-22/2 4 x 18 AWG, 2 x 22 AWG, for emergency wiring with EM-INT option or field installable EM driver (FHSCP-UNV-10.7WL(-CEC))
		48 48" long	
STEMCDTFCCPY/3-8⁴ Jbox Cover Canopy with 3/8 IPS Stem, for flat ceiling with 4x side conduits pass (Use with PM only)		CZ³ Customized	

FOOTNOTES:

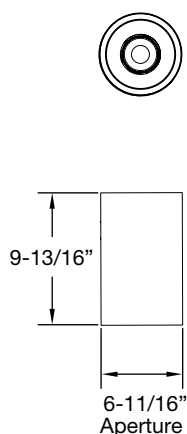
1. The Stem and cable canopies can be used for both plane and slope ceiling.

2. Cord length will be approximately 12" longer than cable or Stem.

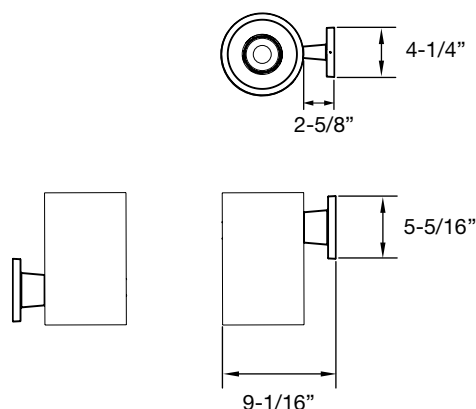
3. Please contact factory for customized color and length. Please note the minimum customizable length of stem is 6".

LINE DRAWINGS

CEILING



WALL MOUNT

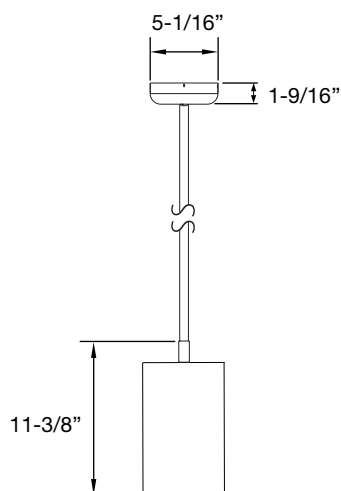




PXCYL Cylinder 6"

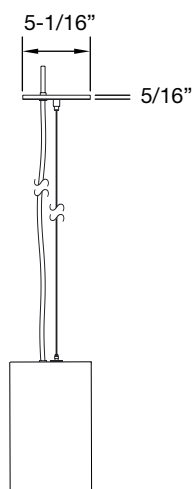
LINE DRAWINGS

PENDANT



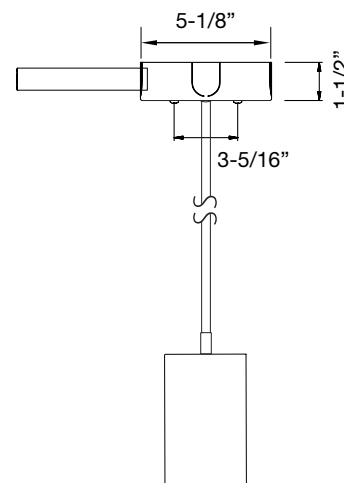
Shown with STEMSCCPY/3-8
Mounting Option

CABLE



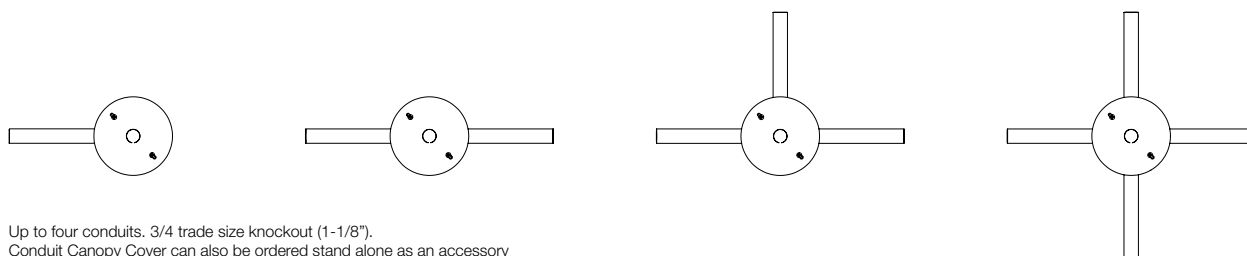
Shown with CABLECPY
Mounting Option

CONDUIT CANOPY PENDANT



Shown with STEMCDTFCCPY/3-8
Mounting Option

CONDUIT CONFIGURATION OPTIONS

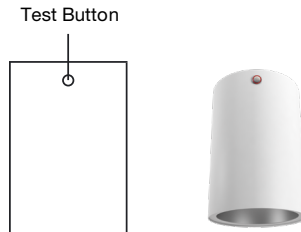


Up to four conduits, 3/4 trade size knockout (1-1/8").
Conduit Canopy Cover can also be ordered stand alone as an accessory
to complete your project (please see accessory table)

PXCYL Cylinder 6"

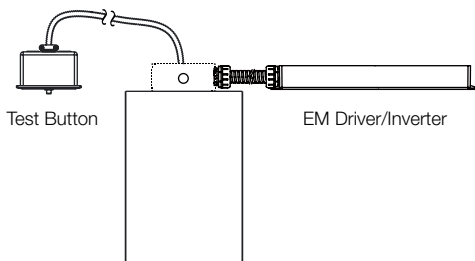
LINE DRAWINGS

WITH EM-INT

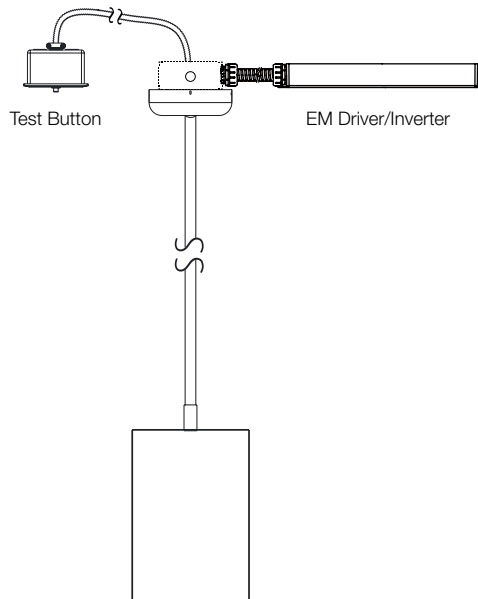


EM Driver and Test button are integrated in the Cylinder and Factory installed. Test button is located on the upper part of the cylinder. Consult factory for additional options.

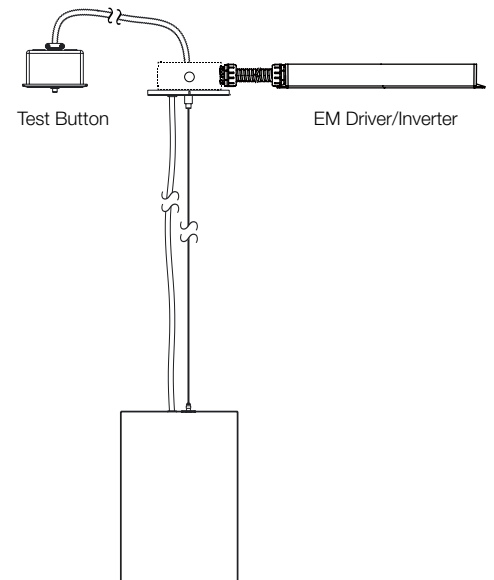
WITH FIELD INSTALLABLE EM



Field installable remote EM driver and Test button shown in surface mount installation. Test button is supplied with EM driver/inverter. Electrical Box and Single gang j-box by others.

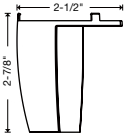
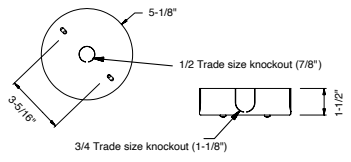
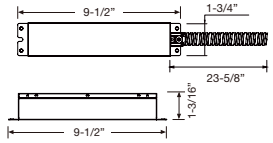
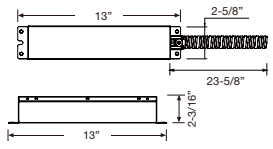
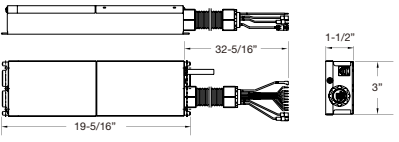
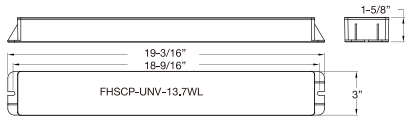


Field installable remote EM driver and Test button shown in Pendant Mount installation. Test button is supplied with EM driver/inverter. Need to be used with 18-3/2-22 type cord for FHUPS1-UNV-25L-SD or 18-4/22-2 for FHSCP-UNV-10.7WL/FHSCP-UNV-10.7WL-CEC Electrical Box and Single gang j-box by others.



Field installable remote EM driver and Test button shown in Cable Mount installation. Test button is supplied with EM driver/inverter. Need to be used with 18-3/2-22 type cord for FHUPS1-UNV-25L-SD or 18-4/22-2 for FHSCP-UNV-10.7WL/FHSCP-UNV-10.7WL-CEC Electrical Box and Single gang j-box by others.

PXCYL Cylinder 6"

ACCESSORY ORDERING INFORMATION				
Product	Model	Description	Pictures	Dimensions
98079	ADWAW	Wall Wash (Field Installed on Module)		
JCOV-WH	JCOV-WH	White finish, decorative Jbox cover, with 4 side conduit pass-through.		
JCOV-BK	JCOV-BK	Black finish, decorative Jbox cover, with 4 side conduit pass-through.		
37934	8EMINVERTER	California Title 20 Compliant 8W Emergency LED Inverter (Field Installation) Compatible for 0-10V dimming models with LES, LEM and LEL light engines.		
38096	24EMINVERTER	California Title 20 Compliant 24W Emergency LED Inverter (Field Installation) Compatible for 0-10V dimming models with LES, LEM and LEL light engines, or 120V dimming models with LES light engine.		
FHUPS1-UNV-25L-SD	FHUPS1-UNV-25L-SD	25W Emergency Micro Inverter for field installation to use with 0-10V Driver options. 100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant.		
FHSCP-UNV-10.7WL	FHSCP-UNV-10.7WL	10.7W Emergency Driver for field installation to use with 120V and 0-10V Driver option in SM/MM mounting and 120V and non 0-10V Driver options for PM/CM mounting. CEC Compliant.		

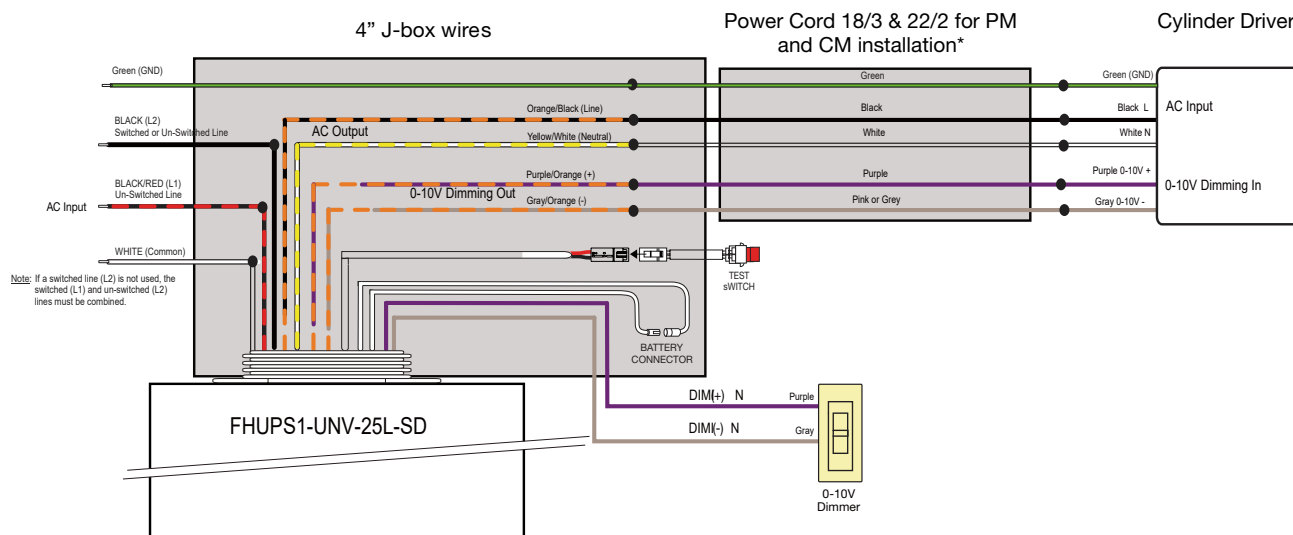
Note: For details of compatibility between each emergency solution and specific product models, please refer to the Products Emergency Compatibility Matrix file available on <https://greencreative.com/emergency-accessories/>



PXCYL Cylinder 6"

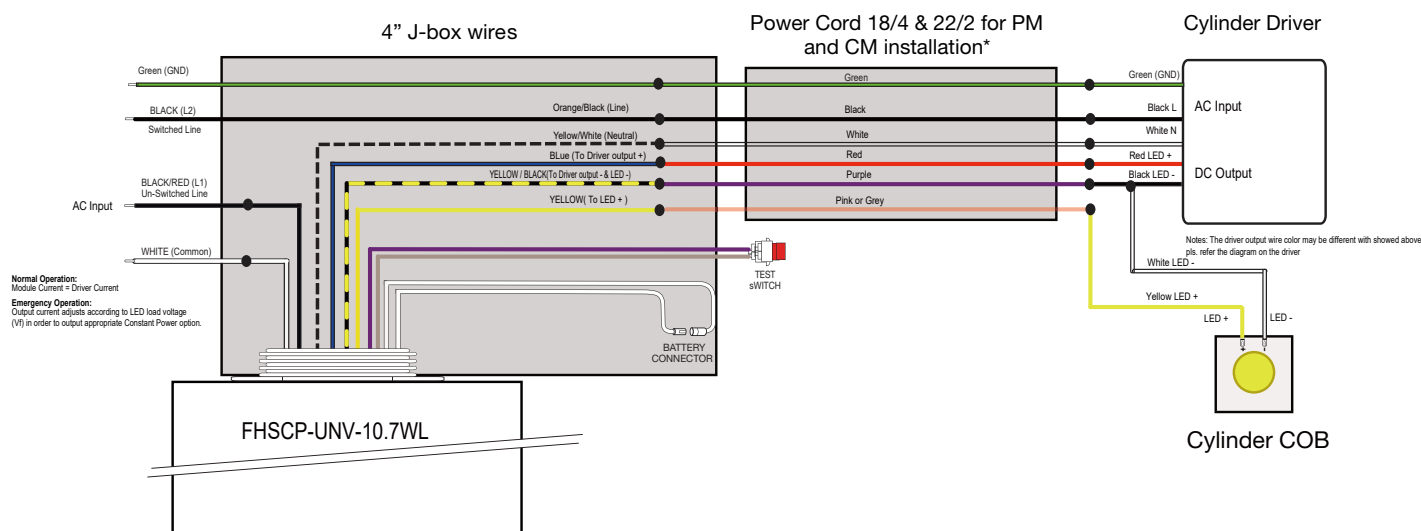
INSTALLATION

FHUPS1-UNV-25L-SD FIELD WIRING DIAGRAM INSTALLATION



*For SM installation power cord is not needed connect the EM driver directly to the driver.

FHSCP-UNV-10.7WL(-CEC) FIELD WIRING DIAGRAM INSTALLATION



*For SM installation power cord is not needed connect the EM driver directly to the driver and LED wires.



PXCYL Cylinder 6"

TECHNICAL INFORMATION

Light Engine	Input Voltage	Input Frequency	Input Current	Max. Input Power	THD Power	Power Factor
LES	120-277V	50-60Hz	0.115 / 0.047A	13W	<20%	>0.9
LEM			0.270 / 0.114A	31.5W		
LE05			0.056 / 0.024A	6.5W		
LE07			0.073 / 0.034A	8.5W		
LE10			0.112 / 0.047A	13W		
LE15			0.154 / 0.068A	18W		
LE20			0.218 / 0.092A	25.5W		
LE25			0.269 / 0.116A	31.5W		
LE30			0.318 / 0.133A	37.5W		
LE40			0.411 / 0.165A	48.5W		
LE50			0.487 / 0.203A	57.5W		

NOMINAL PERFORMANCE

LES (LE05 / LE07 / LE10) - Low / Medium / High - 6.5 / 8.5 / 12.5W

CCT	2700K						3000K						3500K						4000K						5000K					
Output**	Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High	
	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW
Clear Diffuse	500	77	700	82	1,000	80	525	81	735	86	1,050	84	550	85	700	91	1,100	88	575	88	805	95	1,150	92	580	89	810	95	1,165	93
White Finish	500	77	700	82	1,000	80	525	81	735	86	1,050	84	550	85	700	91	1,100	88	575	88	805	95	1,150	92	580	89	810	95	1,165	93

LEM (LE15 / LE20 / LE25) - Low / Medium / High - 18.0 / 25.5 / 31.5W

CCT	2700K						3000K						3500K						4000K						5000K					
Output**	Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High	
	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW
Clear Diffuse	1,600	89	2,125	83	2,500	79	1,632	91	2,169	85	2,550	81	1,664	92	2,210	87	2,600	83	1,696	94	2,253	88	2,650	84	1,713	95	2,275	89	2,677	85
White Finish	1,600	89	2,125	83	2,500	79	1,632	91	2,169	85	2,550	81	1,664	92	2,210	87	2,600	83	1,696	94	2,253	88	2,650	84	1,713	95	2,275	89	2,677	85

LEL (LE30 / LE40 / LE50) - Low / Medium / High - 37.5 / 48.5 / 60.0W

CCT	2700K						3000K						3500K						4000K						5000K					
Output**	Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High		Low		Medium		High	
	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW	lm	LPW
Clear Diffuse	3,325	69	4,085	84	4,750	79	3,360	90	4,080	84	4,800	80	3,500	93	4,250	88	5,000	83	3,640	97	4,420	91	5,200	87	3,640	97	4,420	91	5,200	87
White Finish	3,325	69	4,085	84	4,750	79	3,360	90	4,080	84	4,800	80	3,500	93	4,250	88	5,000	83	3,640	97	4,420	91	5,200	87	3,640	97	4,420	91	5,200	87

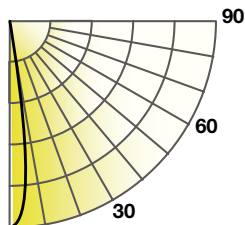
** Lumen output are based on rated lumens, for exact value please refer to the IES files



PXCYL Cylinder 6"

PHOTOMETRY

PXCYL6/xx/LES9035/KDIM010UNV/SP/xx/WH (High Output)



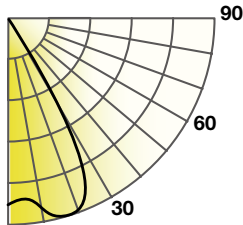
Lumens: 988 lm
CBCP: 4,721 cd
Power: 12 W
Efficacy: 82 lm/W
CRI: 92
Spacing Criteria: 0.3
Beam Angle: 18°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,928
20	532
30	306
40	93
50	11
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	45	3
10	29	3
12	20	4
15	13	5
20	7	6

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	815	85
0-40	880	89
0-60	981	99
0-90	987	100

PXCYL6/xx/LES9035/KDIM010UNV/VN/xx/CC (High Output)



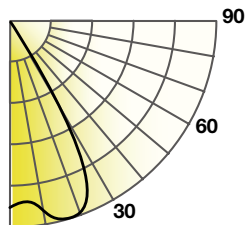
Lumens: 1,227 lm
CBCP: 1,383 cd
Power: 12 W
Efficacy: 102 lm/W
CRI: 92
Spacing Criteria: 0.5
Beam Angle: 27°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,313
20	1,254
30	673
40	289
50	7
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	30	4
10	20	5
12	14	6
15	9	7
20	5	10

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	971	79
0-40	1,201	98
0-60	1,226	100
0-90	1,160	90

PXCYL6/xx/LES9035/KDIM010UNV/NR/xx/CC (High Output)



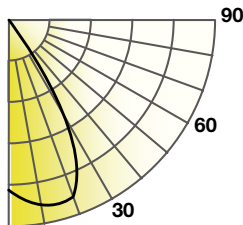
Lumens: 1,240 lm
CBCP: 1,397 cd
Power: 12 W
Efficacy: 103 lm/W
CRI: 92
Spacing Criteria: 1.1
Beam Angle: 44°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,326
20	1,266
30	727
40	146
50	7
60	2
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	31	6
10	20	8
12	14	10
15	9	12
20	5	16

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	981	79
0-40	1,213	98
0-60	1,238	99
0-90	1,239	100

PXCYL6/xx/LES9035/KDIM010UNV/MD/xx/CC (High Output)



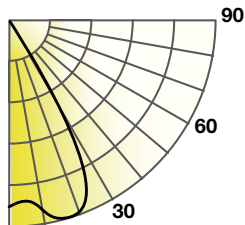
Lumens: 1,240 lm
CBCP: 1,397 cd
Power: 13 W
Efficacy: 103 lm/W
CRI: 92
Spacing Criteria: 0.9
Beam Angle: 62°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,327
20	1,267
30	722
40	143
50	6
60	2
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	31	10
10	20	12
12	14	15
15	9	18
20	5	24

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	981	79
0-40	1,213	98
0-60	1,238	100
0-90	1,239	100

PXCYL6/xx/LES9035/KDIM010UNV/WD/xx/CC (High Output)



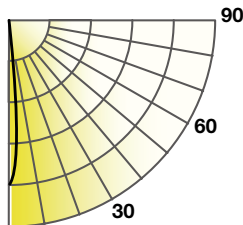
Lumens: 1,227 lm
CBCP: 1,439 cd
Power: 12 W
Efficacy: 102 lm/W
CRI: 92
Spacing Criteria: 1.1
Beam Angle: 82°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,361
20	1,304
30	743
40	151
50	7
60	2
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	32	14
10	20	17
12	14	21
15	9	26
20	5	35

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,010	79
0-40	1,249	98
0-60	1,275	100
0-90	1,276	100

PXCYL6/xx/LEM9035/KDIM010UNV/SP/xx/CC (High Output)



Lumens: 2,251 lm
CBCP: 11,979 cd
Power: 30 W
Efficacy: 71 lm/W
CRI: 92
Spacing Criteria: 0.3
Beam Angle: 18°

Candlepower Distribution	
Angle (°)	Average (cd)
10	503
20	139
30	66
40	22
50	3
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	12	3
10	7	3
12	5	4
15	3	5
20	2	6

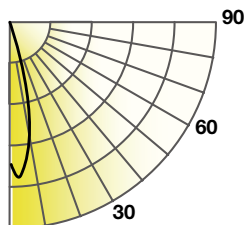
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,903	85
0-40	2,155	96
0-60	2,243	100
0-90	2,250	100



PXCYL Cylinder 6"

PHOTOMETRY

PXCYL6/xx/LEM9035/KDIM010UNV/VN/xx/WH (High Output)



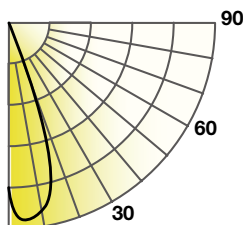
Lumens: 2,830 lm
CBCP: 11,387 cd
Power: 30 W
Efficacy: 91 lm/W
CRI: 92
Spacing Criteria: 0.4
Beam Angle: 22°

Candlepower Distribution	
Angle (°)	Average (cd)
10	599
20	266
30	67
40	9
50	1
60	0
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	14	3
10	9	4
12	6	5
15	4	6
20	2	8

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,612	92
0-40	2,780	98
0-60	2,825	100
0-90	2,829	100

PXCYL6/xx/LEM9035/KDIM010UNV/NR/xx/CC (High Output)



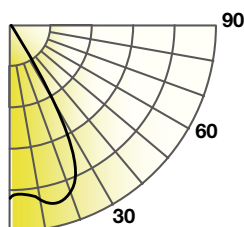
Lumens: 2,850 lm
CBCP: 6,278 cd
Power: 30 W
Efficacy: 91 lm/W
CRI: 92
Spacing Criteria: 0.6
Beam Angle: 41°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,750
20	3,304
30	917
40	75
50	11
60	3
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	134	6
10	85	7
12	59	9
15	38	11
20	21	15

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,644	93
0-40	2,818	99
0-60	2,846	100
0-90	2,848	100

PXCYL6/xx/LEM9035/KDIM010UNV/MD/xx/CC (High Output)



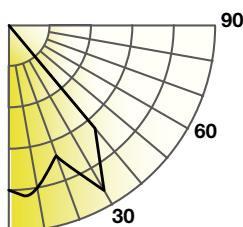
Lumens: 2,855 lm
CBCP: 3,356 cd
Power: 30 W
Efficacy: 90 lm/W
CRI: 92
Spacing Criteria: 0.9
Beam Angle: 61°

Candlepower Distribution	
Angle (°)	Average (cd)
10	3,156
20	2,954
30	1,605
40	263
50	15
60	5
70	2
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	73	9
10	47	12
12	33	14
15	21	18
20	12	24

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,307	80
0-40	2,801	98
0-60	2,849	100
0-90	2,852	100

PXCYL6/xx/LEM9035/KDIM010UNV/WD/xx/CC (High Output)



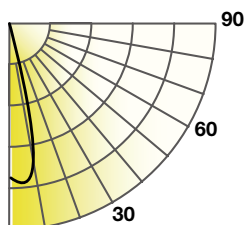
Lumens: 2,926 lm
CBCP: 2,352 cd
Power: 30 W
Efficacy: 94 lm/W
CRI: 92
Spacing Criteria: 1.2
Beam Angle: 80°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,841
20	1,751
30	2,234
40	1,069
50	36
60	10
70	4
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	43	13
10	27	17
12	19	20
15	12	25
20	7	33

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,612	55
0-40	2,654	91
0-60	2,912	100
0-90	2,922	100

PXCYL6/xx/LEM9035/KDIM010UNV/VN/xx/CC (High Output)



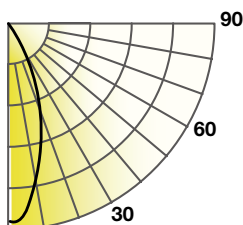
Lumens: 4,962 lm
CBCP: 11,865 cd
Power: 60 W
Efficacy: 90 lm/W
CRI: 92
Spacing Criteria: 0.5
Beam Angle: 32°

Candlepower Distribution	
Angle (°)	Average (cd)
10	852
20	483
30	193
40	26
50	5
60	2
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	20	5
10	13	6
12	9	7
15	6	9
20	3	11

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,347	88
0-40	4,809	97
0-60	4,941	100
0-90	4,957	100

PXCYL6/xx/LEM9035/KDIM010UNV/NR/xx/CC (High Output)



Lumens: 5,249 lm
CBCP: 9,786 cd
Power: 60 W
Efficacy: 95 lm/W
CRI: 92
Spacing Criteria: 0.7
Beam Angle: 45°

Candlepower Distribution	
Angle (°)	Average (cd)
10	7,983
20	5,461
30	2,357
40	211
50	33
60	11
70	4
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	185	7
10	119	8
12	82	10
15	53	12
20	30	16

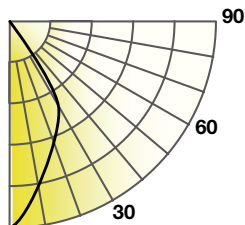
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,524	86
0-40	5,153	98
0-60	5,234	100
0-90	5,244	100



PXCYL Cylinder 6"

PHOTOMETRY

PXCYL6/xx/LEL9035/KDIM010UNV/MD/xx/CC (High Output)



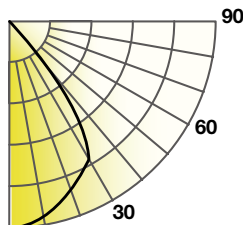
Lumens: 5,308 lm
CBCP: 7,096 cd
Power: 60 W
Efficacy: 96 lm/W
CRI: 92
Spacing Criteria: 0.8
Beam Angle: 57°

Candlepower Distribution	
Angle (°)	Average (cd)
10	6,222
20	4,634
30	3,246
40	716
50	40
60	13
70	5
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	145	9
10	92	11
12	64	13
15	41	16
20	23	22

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,975	75
0-40	5,138	97
0-60	5,291	100
0-90	5,302	100

PXCYL6/xx/LEL9030/KDIM010UNV/WD/xx/CC (High Output)



Lumens: 5,419 lm
CBCP: 4,575 cd
Power: 60 W
Efficacy: 98 lm/W
CRI: 92
Spacing Criteria: 1.1
Beam Angle: 72°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,277
20	4,119
30	3,539
40	1,539
50	96
60	29
70	11
80	4
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	99	12
10	64	15
12	44	18
15	28	22
20	16	29

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,390	63
0-40	4,970	92
0-60	5,385	99
0-90	5,411	100

CERTIFICATION INFORMATION

Model	ES ID#
PXCYL#/**/LES90##/KDIM120V/**/**/**	3848867
PXCYL#/**/LES90##/KDIM010UNV/**/**/**	3848865
PXCYL#/**/LEM90##/KDIM010UNV/**/**/**	3848864
PXCYL#/**/LEM90##/KDIM120V/**/**/**	3848866
PXCYL#/**/LEL90##/KDIM010UNV/**/**/**	3848862
PXCYL#/**/LEL90##/KDIM120V/**/**/**	3848863
PXCYL#/**/LEL90##/DUALDIM1/**/**/**	4481075
PXCYL#/**/LEM90##/DUALDIM1/**/**/**	4481074
PXCYL#/**/LES90##/DUALDIM1/**/**/**	4481073