

Project Name:	Type:
Part Number:	Date:

PXCYL CYLINDER 8"

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. Static lumen output driver options include the Lutron 5-Series Ecosystem driver which provides smooth dimming to 5% and 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. Enlighted compact sensors and Philips EasySense sensors are field installable and directly integrate with the factory provided Philips Xitanium driver and Sensor Ready bridge.
- **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).
- **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.



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

APPLICATIONS

- Retail
- Hospitality
- Residential
- Education
- Healthcare



PXCYL CYLINDER 8"

ORDERING INFORMATION

ORDERING EXAMPLE

PXCYL8/SM/LEM9035/KDIM010UNV/MD/WH/CC

SelectDrive Light Engine

Model Series	Size	Mounting	Light Engine	CRI	CCT	Driver	Optical Distribution	Cylinder Finish	Reflector Finish	Options
<input type="checkbox"/> PXCYL PXCYL Cylinder	<input type="checkbox"/> 8 8"	<input type="checkbox"/> SM Surface Mount	<input type="checkbox"/> LES Small Light Engine 500-700-1000 lumens	<input type="checkbox"/> 90 CRI 90+	<input type="checkbox"/> 27 ³ 2700K	<input type="checkbox"/> KDIM120V SelectDrive 120V, 50/60Hz Forward/Reverse phase dimming	<input type="checkbox"/> SP Spot 15° Beam Angle	<input type="checkbox"/> WH Matte White	<input type="checkbox"/> CC Clear	<input type="checkbox"/> EM ⁵ 10W Field Installable Emergency Backup
		<input type="checkbox"/> CM ¹ Cable Mount Ready	<input type="checkbox"/> LEM Medium Light Engine 1500-2000-2500 lumens	<input type="checkbox"/> 97 ² 97 CRI 3000K TRUE CHROMA	<input type="checkbox"/> 30 3000K	<input type="checkbox"/> KDIM010UNV SelectDrive 120-277V, 50/60Hz 0-10V dimming	<input type="checkbox"/> VN Very Narrow 25° Beam Angle	<input type="checkbox"/> BL Matte Black	<input type="checkbox"/> WH White	<input type="checkbox"/> EM ⁵ -CEC 10W Field Installable Emergency Backup California Compliant
		<input type="checkbox"/> PM ¹ Pendant Mount Ready	<input type="checkbox"/> LEL Large Light Engine 3000-4000-5000 lumens		<input type="checkbox"/> 35 3500K		<input type="checkbox"/> NR Narrow 40° Beam Angle	<input type="checkbox"/> CZ ⁴ Customized	<input type="checkbox"/> CZ ⁴ Customized	<input type="checkbox"/> WET ¹⁰ Wet Location Ready
		<input type="checkbox"/> WM Wall Mount			<input type="checkbox"/> 40 4000K		<input type="checkbox"/> MD Medium 60° Beam Angle			
		<input type="checkbox"/> WMUP Wall Mount Up lighting			<input type="checkbox"/> 50 ³ 5000K		<input type="checkbox"/> WD Wide 75° Beam Angle			

Fixed Lumen Output Light Engine

Model Series	Size	Mounting	Light Engine	CRI	CCT	Driver	Optical Distribution	Cylinder Finish	Reflector Finish	Options
<input type="checkbox"/> PXCYL PXCYL Cylinder	<input type="checkbox"/> 8 8"	<input type="checkbox"/> SM Surface Mount	<input type="checkbox"/> LE05 ⁵ 500 lumens	<input type="checkbox"/> 90 CRI 90+	<input type="checkbox"/> 27 ³ 2700K	<input type="checkbox"/> PSRUNV 0-10V Titanium Driver + SR Ready Bridge, 120-277V	<input type="checkbox"/> SP Spot 15° Beam Angle	<input type="checkbox"/> WH Matte White	<input type="checkbox"/> CC Clear	<input type="checkbox"/> EM ⁵ 10W Field Installable Emergency Backup
		<input type="checkbox"/> CM ¹ Cable Mount Ready	<input type="checkbox"/> LE07 700 lumens	<input type="checkbox"/> 97 ² 97 CRI 3000K TRUE CHROMA	<input type="checkbox"/> 30 3000K	<input type="checkbox"/> XT010UNV 0-10V 1% Xitanium Driver, 120-277V	<input type="checkbox"/> VN Very Narrow 25° Beam Angle	<input type="checkbox"/> BL Matte Black	<input type="checkbox"/> WH White	<input type="checkbox"/> EM ⁵ -CEC 10W Field Installable Emergency Backup California Compliant
		<input type="checkbox"/> PM ¹ Pendant Mount Ready	<input type="checkbox"/> LE10 1,000 lumens		<input type="checkbox"/> 35 3500K	<input type="checkbox"/> LUT-5UNV Lutron EcoSystem 5% Dimming, 120-277V	<input type="checkbox"/> NR Narrow 40° Beam Angle	<input type="checkbox"/> CZ ⁴ Customized	<input type="checkbox"/> CZ ⁴ Customized	<input type="checkbox"/> ES ⁶ Philips EasySense CPM SN200 Ceiling Mount Sensor
		<input type="checkbox"/> WM Wall Mount	<input type="checkbox"/> LE15 1,500 lumens		<input type="checkbox"/> 40 4000K	<input type="checkbox"/> LUT-1UNV Lutron EcoSystem 1% Dimming, 120-277V	<input type="checkbox"/> MD Medium 60° Beam Angle			<input type="checkbox"/> ENLS ⁷ -IL Enlighted Two Wire ENLIGHTED ONE Compact Sensor
		<input type="checkbox"/> WMUP Wall Mount Up lighting	<input type="checkbox"/> LE20 2,000 lumens		<input type="checkbox"/> 50 ³ 5000K	<input type="checkbox"/> LUT-L3DUNV Lutron Hi-Lume 3-Wire 1% Dimming, 120-277V	<input type="checkbox"/> WD Wide 75° Beam Angle			<input type="checkbox"/> ENLS ⁷ -CL Enlighted Two Wire CONNECTED LIGHTING Compact Sensor
			<input type="checkbox"/> LE25 2,500 lumens			<input type="checkbox"/> ELD-E010UNV EldoLED ECOdrive 0-10V 1%, 120-277V				<input type="checkbox"/> ENLS ⁷ -IOT Enlighted Two Wire IOT Compact Sensor
			<input type="checkbox"/> LE30 3,000 lumens			<input type="checkbox"/> ELD-EDALIUNV EldoLED ECOdrive DALI 1%, 120-277V				<input type="checkbox"/> WET ¹⁰ Wet Location Ready
			<input type="checkbox"/> LE40 4,000 lumens			<input type="checkbox"/> ELD-S010UNV EldoLED SOLOdrive 0-10V 0.1%, 120-277V				
			<input type="checkbox"/> LE50 ⁹ 5,000 lumens			<input type="checkbox"/> ELD-SDALIUNV EldoLED SOLOdrive DALI 0.1%, 120-277V				
						<input type="checkbox"/> OSRDIM010347V Osram OPTOTRONIC 0-10V 1%, 347V				

¹ Cable and Pendant Mount ready for Stem or Cable Suspension, order Canopy type and length separately. ² TRUE CHROMA only available for 3000K, contact factory for detail and other CCT. ³ 2700K and 5000K are not standard CCT and might be subjected to longer lead time, contact factory for detail. ⁴ Please contact factory for customized finish color or customized reflectors for feasibility. ⁵ Emergency units are not integrated and required clearance for external installation and additional single gang J-box, provided by other, for test button face plate installation. ⁶ Philips EasySense ceiling mounted sensor is only available with the PSRUNV driver. ⁷ Enlighted Two Wire Compact Sensor with ceiling mount is only available with the PSRUNV driver. ⁸ LE05 is not available with LUT-5UNV. ⁹ LE50 is not available with LUT-5UNV and LUT-1UNV. ¹⁰ WET location are available only for Surface Mounted and Wall Mount downlighting under covered ceiling.



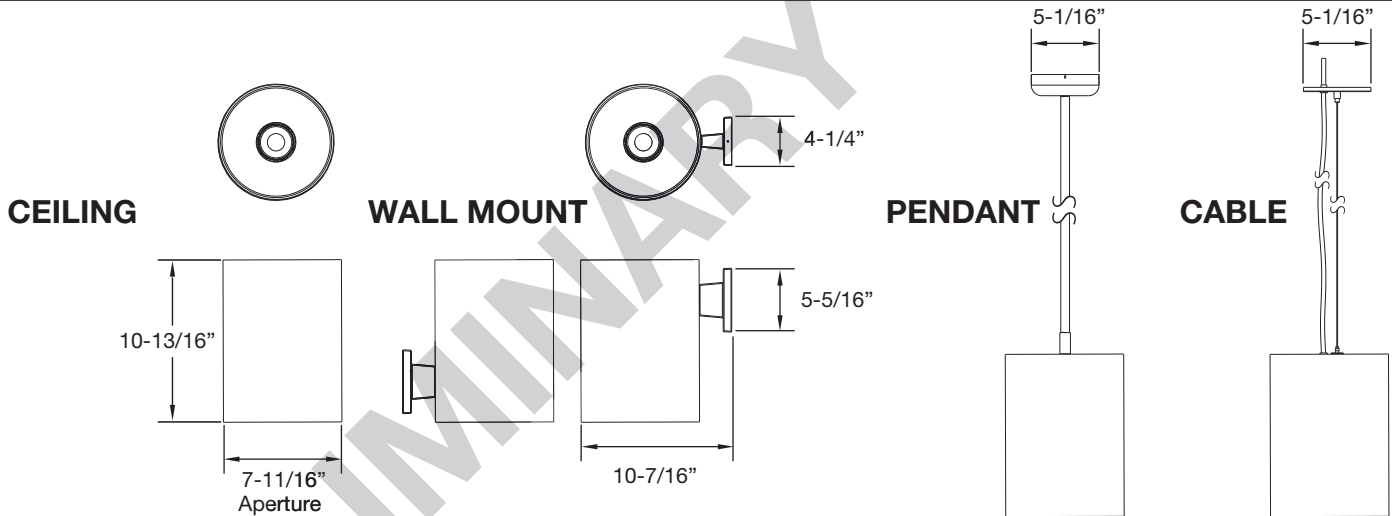
PXCYL CYLINDER 8"

MOUNTING AND CANOPY ACCESSORIES AND OPTIONS

Model Series	Color	Length ³	Cord Type	Stem ²	Length	Finish	
<input type="checkbox"/> CABLECPY¹ Cable mount canopy for flat and slope ceiling (use with CM mounting only)	<input type="checkbox"/> WH White	<input type="checkbox"/> 50 Adjustable length up to 50" max.	<input type="checkbox"/> 18/3 3 x 18 AWG, for non Dimming or TRIAC/ELV	<input type="checkbox"/> STEM/3-8 Stem (3/8 IPS)	<input type="checkbox"/> 12 12" long	<input type="checkbox"/> WH White	
	<input type="checkbox"/> BL Black		<input type="checkbox"/> 18/3-22/2 3 x 18 AWG, 2 x 22 AWG (purple, pink), for 0-10V control and dimming			<input type="checkbox"/> 24 24" long	<input type="checkbox"/> BL Black
	<input type="checkbox"/> CZ⁴ Customized		<input type="checkbox"/> 18/4 4 x 18 AWG, for non Dimming or TRIAC/ELV emergency wiring			<input type="checkbox"/> CZ⁴ Customized	
<input type="checkbox"/> STEMSCOPY/3-8^{1,2} Pendant stem Canopy (3/8 IPS) for flat and slope ceiling up to 45° (use with PM mounting only)	<input type="checkbox"/> WH White	<input type="checkbox"/> (Blank) Leave blank if you don't need power cord	<input type="checkbox"/> (Blank) Leave blank if you don't need power cord		<input type="checkbox"/> 36 36" long	<input type="checkbox"/> CZ⁴ Customized	
	<input type="checkbox"/> BL Black	<input type="checkbox"/> 12 12" long	<input type="checkbox"/> 18/3 3 x 18 AWG, for non Dimming or TRIAC/ELV				
	<input type="checkbox"/> CZ⁴ Customized	<input type="checkbox"/> 24 24" long	<input type="checkbox"/> 18/3-22/2 3 x 18 AWG, 2 x 22 AWG (purple, pink), for 0-10V control and dimming				
		<input type="checkbox"/> 36 36" long	<input type="checkbox"/> 18/4 4 x 18 AWG, for non Dimming or TRIAC/ELV emergency wiring				
		<input type="checkbox"/> 48 48" long	<input type="checkbox"/> 18/4-22/2 4 x 18 AWG, 2 x 22 AWG, for emergency wiring and 0-10V control and dimming				
	<input type="checkbox"/> CZ⁴ Customized			<input type="checkbox"/> CZ⁴ Customized			

¹ The Stem and cable canopies can be used for both plane and slope ceiling. ² Stem to be ordered separately. ³ Cord length will be 12" longer than cable or Stem. ⁴ Please contact factory for customized color and length.

LINE DRAWINGS



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				



PXCYL CYLINDER 8"

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
Finish	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	770 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	770 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
Finish	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

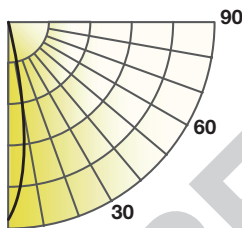
LEL (LE30 / LE40 / LE50) - Low / Medium / High - 37.5 / 48.5 / 60.0W

CCT	2700K			3000K			3500K			4000K			5000K		
Output**	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Finish	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

PHOTOMETRY

PXCYL8/xx/LES9030/KDIM010UNV/SP/xx/CC (High Output)



Lumens: 918 lm
CBCP: 4,828 cd
Power: 12.3 W
Efficacy: 75 lm/W
CRI: 92
Spacing Criteria: 0.3
Beam Angle: 18°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,033
20	599
30	273
40	23
50	6
60	3
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	47	3
10	30	3
12	21	4
15	13	5
20	8	6

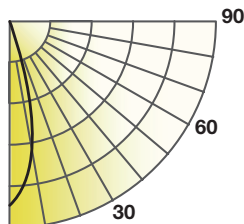
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	793	86
0-40	892	97
0-60	916	100
0-90	918	100



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PHOTOMETRY

PXCYL8/xx/LES9035/KDIM010UNV/VN/xx/CC (High Output)



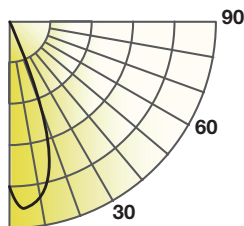
Lumens: 1,147 lm
CBCP: 4,189 cd
Power: 12.4 W
Efficacy: 93 lm/W
CRI: 92
Spacing Criteria: 0.4
Beam Angle: 25°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,578
20	1,039
30	339
40	32
50	3
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	60	4
10	38	4
12	27	5
15	17	7
20	10	9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,053	92
0-40	1,134	99
0-60	1,146	100
0-90	1,147	100

PXCYL8/xx/LES9035/KDIM010UNV/NR/xx/CC (High Output)



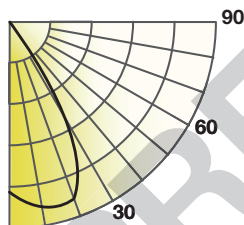
Lumens: 1,223 lm
CBCP: 2,269 cd
Power: 12.1 W
Efficacy: 101 lm/W
CRI: 92
Spacing Criteria: 0.7
Beam Angle: 44°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,190
20	1,436
30	437
40	35
50	3
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	51	6
10	33	8
12	23	10
15	14	12
20	8	16

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,103	90
0-40	1,211	99
0-60	1,222	100
0-90	1,222	100

PXCYL8/xx/LES9035/KDIM010UNV/MD/xx/CC (High Output)



Lumens: 1,228 lm
CBCP: 1,311cd
Power: 12 W
Efficacy: 101 lm/W
CRI: 92
Spacing Criteria: 0.97
Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,252
20	1,208
30	768
40	170
50	4
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	29	10
10	19	13
12	13	15
15	8	19
20	5	26

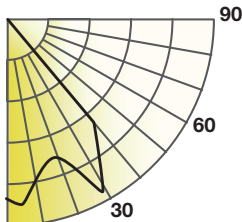
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	926	75
0-40	1,203	98
0-60	1,227	100
0-90	1,227	100



PXCYL CYLINDER 8"

PHOTOMETRY

PXCYL8/xx/LES9035/KDIM010UNV/WD/xx/CC (High Output)



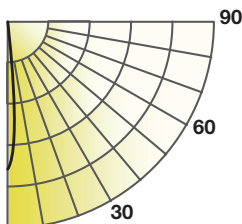
Lumens: 1,214 lm
CBCP: 1,223 cd
Power: 12.4 W
Efficacy: 98 lm/W
CRI: 92
Spacing Criteria: 0.8
Beam Angle: 81°

Candlepower Distribution	
Angle (°)	Average (cd)
10	717
20	696
30	900
40	490
50	11
60	4
70	2
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	17	14
10	11	17
12	7	21
15	5	26
20	3	34

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	658	54
0-40	1,118	92
0-60	1,208	100
0-90	1,212	100

PXCYL8/xx/LEM9030/KDIM010UNV/SP/xx/CC (High Output)



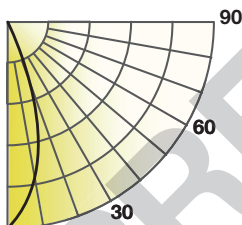
Lumens: 2,073 lm
CBCP: 10,897 cd
Power: 32.5 W
Efficacy: 64 lm/W
CRI: 92
Spacing Criteria: 0.3
Beam Angle: 18°

Candlepower Distribution	
Angle (°)	Average (cd)
10	468
20	135
30	61
40	16
50	2
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	11	3
10	7	3
12	5	4
15	3	5
20	2	6

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,786	86
0-40	2,009	97
0-60	2,065	100
0-90	2,071	100

PXCYL8/xx/LEM9030/KDIM010UNV/VN/xx/CC (High Output)



Lumens: 2,580 lm
CBCP: 9,442cd
Power: 32.5 W
Efficacy: 80 lm/W
CRI: 92
Spacing Criteria: 0.4
Beam Angle: 25°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,749
20	2,325
30	756
40	72
50	7
60	3
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	134	4
10	85	4
12	59	5
15	38	7
20	21	9

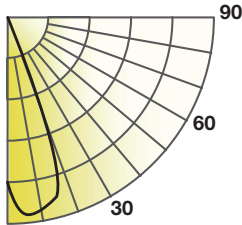
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,364	92
0-40	2,548	99
0-60	2,575	100
0-90	2,578	100



PXCYL CYLINDER 8"

PHOTOMETRY

PXCYL8/xx/LEM9030/KDIM010UNV/NR/xx/CC (High Output)



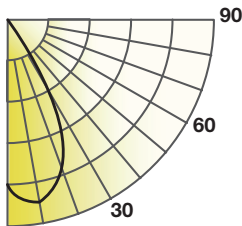
Lumens: 2,836 lm
CBCP: 5,279 cd
Power: 31.8 W
Efficacy: 89 lm/W
CRI: 92
Spacing Criteria: 0.7
Beam Angle: 44°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,092
20	3,315
30	1,019
40	83
50	11
60	4
70	2
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	118	6
10	76	8
12	53	10
15	34	12
20	19	16

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,556	90
0-40	2,805	99
0-60	2,830	100
0-90	2,834	100

PXCYL8/xx/LEM9030/KDIM010UNV/MD/xx/CC (High Output)



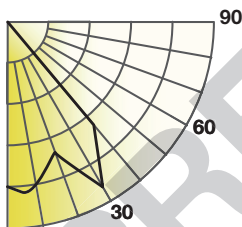
Lumens: 2,822 lm
CBCP: 3,009 cd
Power: 31.8 W
Efficacy: 88.7 lm/W
CRI: 92
Spacing Criteria: 1.0
Beam Angle: 66°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,828
20	2,734
30	1,750
40	390
50	10
60	4
70	2
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	66	10
10	42	13
12	29	15
15	19	19
20	11	26

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,121	75
0-40	2,757	98
0-60	2,816	100
0-90	2,820	100

PXCYL8/xx/LEM9030/KDIM010UNV/WD/xx/CC (High Output)



Lumens: 2,737 lm
CBCP: 2,706 cd
Power: 32.4 W
Efficacy: 85 lm/W
CRI: 92
Spacing Criteria: 0.8
Beam Angle: 81°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,600
20	1,564
30	1,995
40	1,095
50	27
60	10
70	5
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	37	14
10	24	17
12	17	21
15	11	26
20	6	34

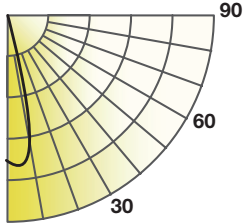
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,473	54
0-40	2,500	91
0-60	2,721	99
0-90	2,732	100



PXCYL CYLINDER 8"

PHOTOMETRY

PXCYL8/xx/LEL9030/KDIM010UNV/SP/xx/CC (High Output)



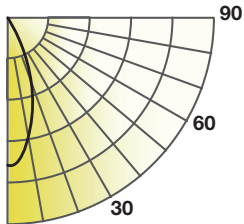
Lumens: 4,064 lm
CBCP: 10,622 cd
Power: 57.2 W
Efficacy: 71 lm/W
CRI: 92
Spacing Criteria: 0.5
Beam Angle: 30°

Candlepower Distribution	
Angle (°)	Average (cd)
10	832
20	308
30	148
40	41
50	4
60	2
70	0
80	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	19	4
10	12	5
12	9	6
15	5	8
20	3	11

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,336	82
0-40	3,898	96
0-60	4,042	100
0-90	4,060	100

PXCYL8/xx/LEL9030/KDIM010UNV/VN/xx/CC (High Output)



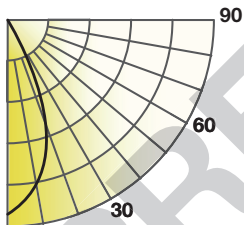
Lumens: 4,756 lm
CBCP: 11,127 cd
Power: 54.8 W
Efficacy: 87 lm/W
CRI: 92
Spacing Criteria: 0.5
Beam Angle: 32°

Candlepower Distribution	
Angle (°)	Average (cd)
10	770
20	449
30	242
40	20
50	3
60	2
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	18	5
10	11	6
12	8	7
15	5	9
20	3	11

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,047	85
0-40	4,642	98
0-60	4,733	100
0-90	4,751	100

PXCYL8/xx/LEL9030/KDIM010UNV/NR/xx/CC (High Output)



Lumens: 5,216 lm
CBCP: 10,005 cd
Power: 54.8 W
Efficacy: 95 lm/W
CRI: 92
Spacing Criteria: 0.7
Beam Angle: 43°

Candlepower Distribution	
Angle (°)	Average (cd)
10	795
20	531
30	245
40	23
50	2
60	1
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	18	6
10	12	8
12	8	9
15	5	12
20	3	16

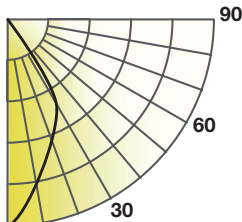
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,421	85
0-40	5,135	99
0-60	5,198	100
0-90	5,210	100



PXCYL CYLINDER 8"

PHOTOMETRY

PXCYL8/xx/LEL9030/KDIM010UNV/MD/xx/CC (High Output)



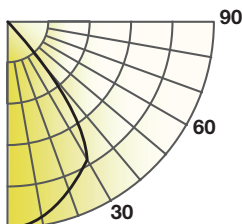
Lumens: 5,225 lm
CBCP: 7,294 cd
Power: 55 W
Efficacy: 95 lm/W
CRI: 92
Spacing Criteria: 0.7
Beam Angle: 55°

Candlepower Distribution	
Angle (°)	Average (cd)
10	6,045
20	4,516
30	3,232
40	629
50	24
60	9
70	5
80	2
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	140	8
10	90	10
12	62	12
15	40	15
20	22	21

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,886	74
0-40	5,106	98
0-60	5,209	100
0-90	5,219	100

PXCYL8/xx/LEL9030/KDIM010UNV/WD/xx/CC (High Output)



Lumens: 5,279 lm
CBCP: 4,721 cd
Power: 54.9 W
Efficacy: 96 lm/W
CRI: 92
Spacing Criteria: 1.1
Beam Angle: 72°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,202
20	4,006
30	3,406
40	1,492
50	57
60	21
70	12
80	5
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	98	12
10	62	15
12	43	17
15	28	22
20	16	29

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,327	63
0-40	4,905	93
0-60	5,244	99
0-90	5,271	100

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