

DATE

PROJECT

TYPE

CYL8 SERIES | 8 Inch Indoor/Outdoor Round Cylinders: Photometrics

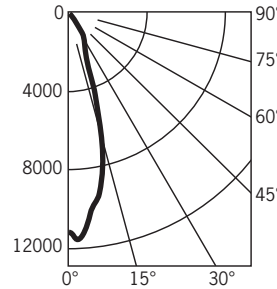
CYL8630KMVDCNCLR

Fixture Delivered Lumens: 4450.1
 Total Watts@120V: 42.2
 Lumens Per Watt: 105.5
 Center Beam Candle Power: 11108
 Beam Distribution: 32.4°
 Spacing Criterion: 0.53
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3079K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21080903
 LM-79 Test No. S21081102

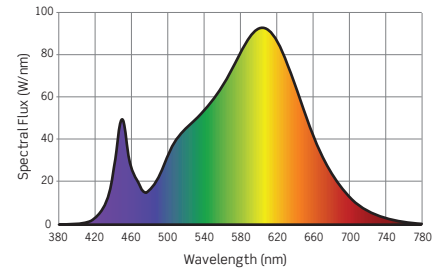
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	694.2	2.3
6 FT	308.6	3.5
8 FT	173.6	4.7
10 FT	111.1	5.8
12 FT	77.1	7.0
14 FT	56.7	8.1

Candela Curve



Spectral Power Distribution Chart⁴



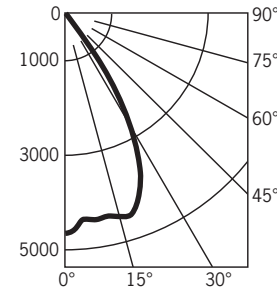
CYL8630KMVDCMCLR

Fixture Delivered Lumens: 4336.5
 Total Watts@120V: 42.2
 Lumens Per Watt: 102.8
 Center Beam Candle Power: 4641
 Beam Distribution: 63.4°
 Spacing Criterion: 0.93
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3079K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21080902
 LM-79 Test No. S21081102

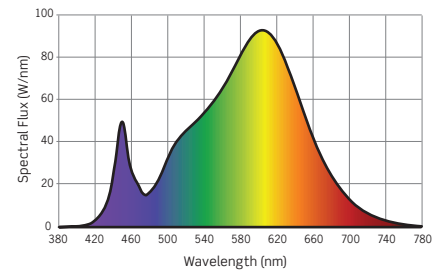
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	290.1	5.0
6 FT	128.9	7.4
8 FT	72.5	9.9
10 FT	46.4	12.4
12 FT	32.2	15.0
14 FT	23.7	17.3

Candela Curve



Spectral Power Distribution Chart⁴



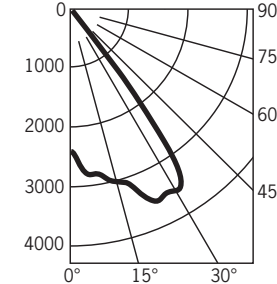
CYL8630KMVDCWCLR

Fixture Delivered Lumens: 4417.0
 Total Watts@120V: 42.2
 Lumens Per Watt: 104.7
 Center Beam Candle Power: 2409
 Beam Distribution: 79.8°
 Spacing Criterion: 1.10
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3079K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21080904
 LM-79 Test No. S21081102

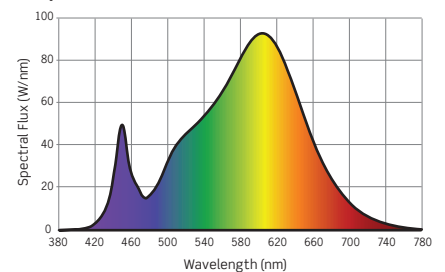
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	150.6	6.0
6 FT	66.9	9.1
8 FT	37.6	12.1
10 FT	24.1	15.1
12 FT	16.7	18.1
14 FT	12.3	21.1

Candela Curve



Spectral Power Distribution Chart⁴



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on Color Temperature, Luminaire Wattage/Output and Trim Selection. To estimate lumen output of these various options, multiply 3000K results by the following:

CCT MULTIPLIERS			OUTPUT MULTIPLIERS				
CCT	STD CRI	HIGH CRI	10W/SERIES 1	14W/SERIES 2	20W/SERIES 3	28W/SERIES 4	36W/SERIES 5
2700K	0.94	0.70	0.28	0.39	0.53	0.72	0.89
3000K	N/A	0.75					
3500K	1.0	0.81					
4000K	1.0	0.87					

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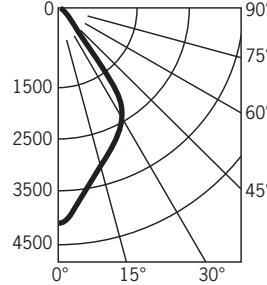
CYL8630KMVDCPL

Fixture Delivered Lumens: 3891.4
 Total Watts@120V: 42.2
 Lumens Per Watt: 92.2
 Center Beam Candle Power: 4116
 Beam Distribution: 68.4°
 Spacing Criterion: 0.99
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3079K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21080905
 LM-79 Test No. S21081102

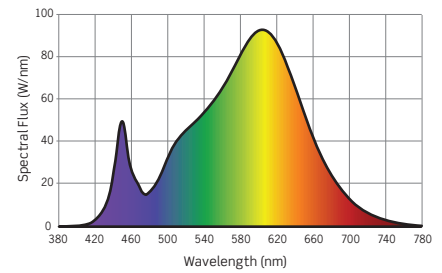
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	257.2	5.4
6 FT	114.3	8.2
8 FT	64.3	10.9
10 FT	41.2	13.6
12 FT	28.6	16.3
14 FT	21.0	19.0

Candela Curve



Spectral Power Distribution Chart⁴



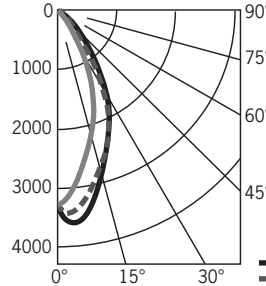
CYL8630KMVDCWW

Fixture Delivered Lumens: 2512.5
 Total Watts@120V: 42.4
 Lumens Per Watt: 59.3
 Center Beam Candle Power: 3297
 Beam Distribution: 41.4° x 44.6°
 Spacing Criterion: 0.65
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3079K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G21081001
 LM-79 Test No. S21081102

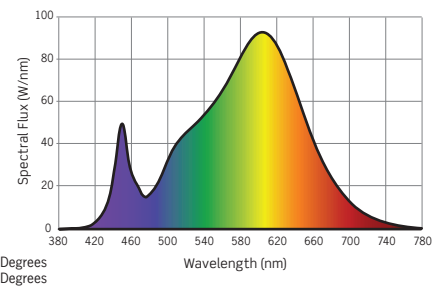
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	206.1	3.1
6 FT	91.6	4.7
8 FT	51.5	6.2
10 FT	33.0	7.8
12 FT	22.9	9.3
14 FT	16.8	10.9

Candela Curve



Spectral Power Distribution Chart⁴



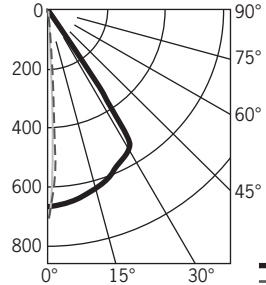
CYL8630KMVDCXPB

Fixture Delivered Lumens: 95.2
 Total Watts@120V: 42.4
 Lumens Per Watt: 2.25
 Center Beam Candle Power: 844
 Beam Distribution: 6.8° x 56.0°
 Spacing Criterion: 1.0
 Color Rendering Index (CRI)¹: 83.3
 Color Temperature (CCT)²: 3079K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G22021601
 LM-79 Test No. S21081102

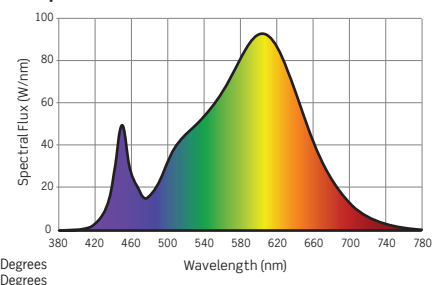
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	52.7	3.8
6 FT	23.4	5.8
8 FT	13.2	7.7
10 FT	8.4	9.6
12 FT	5.9	11.5
14 FT	4.3	13.4

Candela Curve



Spectral Power Distribution Chart⁴



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3000K	N/A	0.75					
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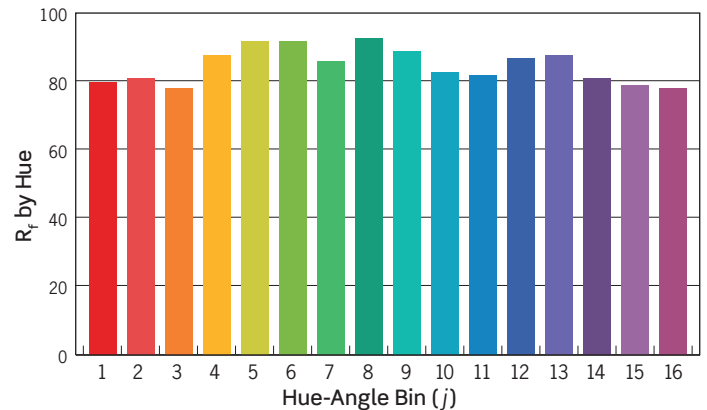
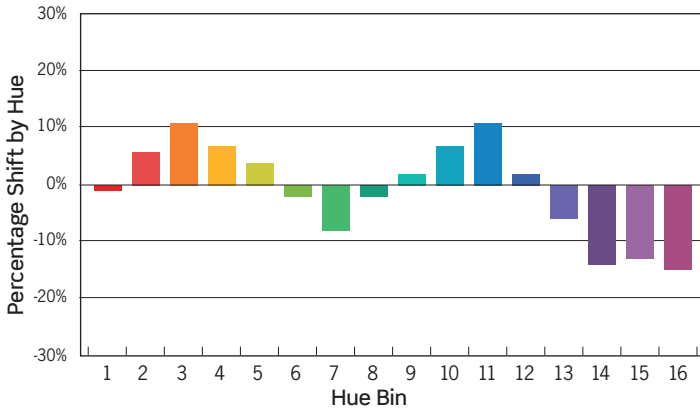
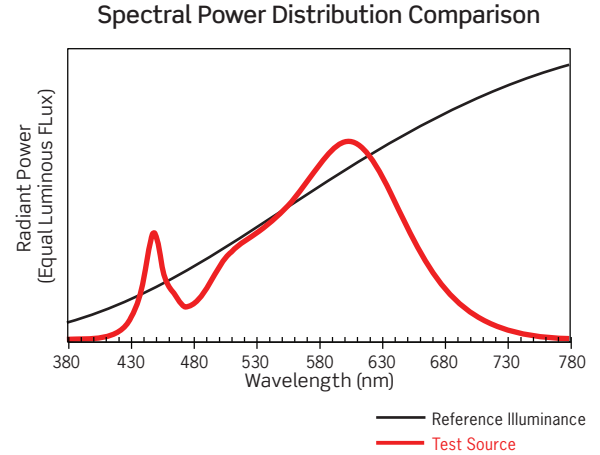
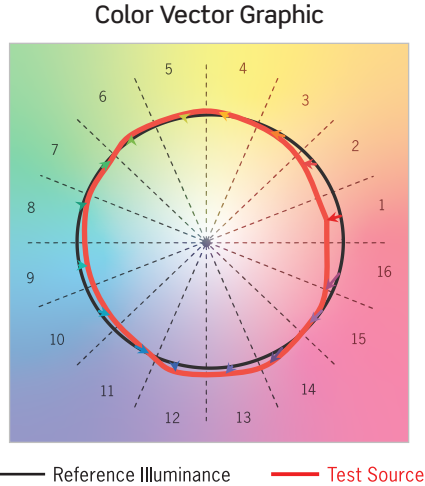
CYL8 SERIES | 8 Inch Indoor/Outdoor Round Cylinders: Photometrics

TM-30 DATA: CYL8630KMVDCMLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21081102

Colors are for visual orientation purposes only

R_f	86
R_g	96
CCT(K)	3079K
D_{uv}	0.0019
u^l	0.2472
v^l	0.5224



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	6%	10%	7%	4%	-2%	-7%	-2%	2%	7%	11%	2%	-6%	-14%	-13%	-15%
R_f VALUE	81	82	79	89	93	93	87	94	90	84	83	88	89	82	80	80