

DATE

PROJECT

TYPE

CYL6 SERIES | 6-Inch Round Indoor/Outdoor Cylinders: Photometrics

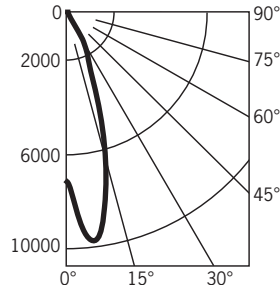
CYL6630KMVDCNCLR

Fixture Delivered Lumens: 4301.9
Total Watts@120V: 42.3
Lumens Per Watt: 101.7
Center Beam Candle Power: 7111
Beam Distribution: 35.7°
Spacing Criterion: 0.64
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21080504
LM-79 Test No. S21081101

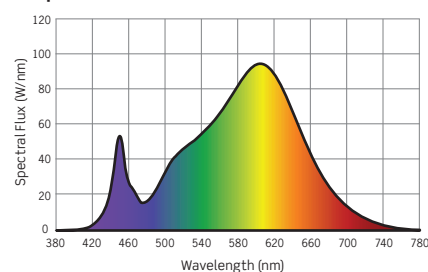
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	444.5	2.6
6 FT	197.5	3.9
8 FT	111.1	5.1
10 FT	71.1	6.4
12 FT	49.4	7.7
14 FT	36.3	9.0

Candela Curve



Spectral Power Distribution Chart⁴



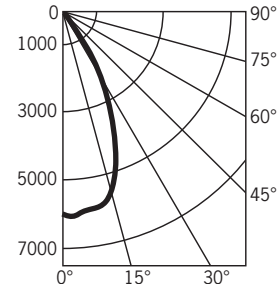
CYL6630KMVDCMCLR

Fixture Delivered Lumens: 4348.9
Total Watts@120V: 42.3
Lumens Per Watt: 102.8
Center Beam Candle Power: 6032
Beam Distribution: 53.3°
Spacing Criterion: 0.80
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G16122002
LM-79 Test No. S21081101

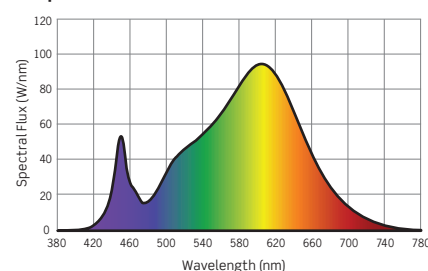
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	377.0	4.0
6 FT	167.6	6.0
8 FT	94.2	8.0
10 FT	60.3	10.1
12 FT	41.9	12.1
14 FT	30.8	14.1

Candela Curve



Spectral Power Distribution Chart⁴



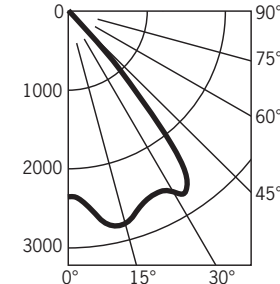
CYL6630KMVDCWCLR

Fixture Delivered Lumens: 4153.7
Total Watts@120V: 42.3
Lumens Per Watt: 98.2
Center Beam Candle Power: 2367
Beam Distribution: 79.9°
Spacing Criterion: 1.20
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G16122003
LM-79 Test No. S21081101

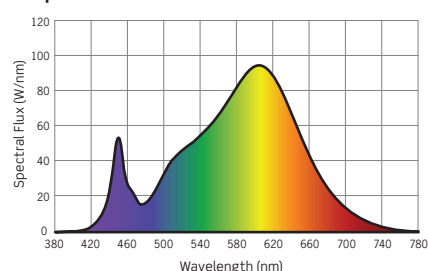
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	147.9	6.7
6 FT	65.7	10.1
8 FT	37.0	13.4
10 FT	23.7	16.8
12 FT	16.4	20.1
14 FT	12.1	23.5

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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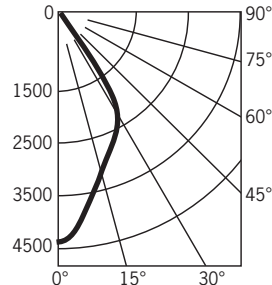
CYL6630KMVDCPL

Fixture Delivered Lumens: 3801.8
Total Watts@120V: 42.3
Lumens Per Watt: 89.9
Center Beam Candle Power: 4413
Beam Distribution: 63.0°
Spacing Criterion: 0.93
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21080602
LM-79 Test No. S21081101

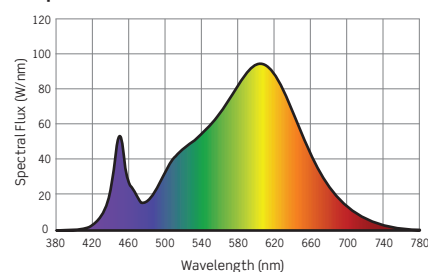
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	275.8	4.9
6 FT	122.6	7.4
8 FT	69.0	9.8
10 FT	44.1	12.2
12 FT	30.6	14.7
14 FT	22.5	17.1

Candela Curve



Spectral Power Distribution Chart⁴



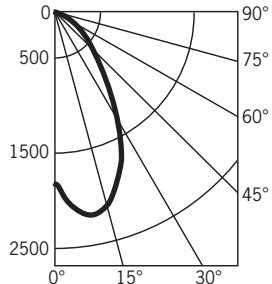
CYL6630KMVDCWW

Fixture Delivered Lumens: 1900.3
Total Watts@120V: 42.0
Lumens Per Watt: 45.2
Center Beam Candle Power: 1820
Beam Distribution: Wall Wash
Spacing Criterion: 0.83
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21080603
LM-79 Test No. S21081101

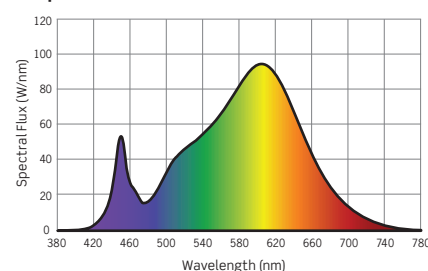
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	113.8	3.8
6 FT	50.6	5.7
8 FT	28.4	7.7
10 FT	18.2	9.6
12 FT	12.6	11.5
14 FT	9.3	13.4

Candela Curve



Spectral Power Distribution Chart⁴



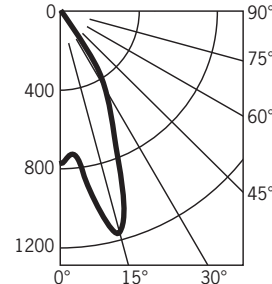
CYL6630KMVDCXPB

Fixture Delivered Lumens: 291.2
Total Watts@120V: 42.0
Lumens Per Watt: 6.9
Center Beam Candle Power: 766
Beam Distribution: 9°
Spacing Criterion: 0.94
Color Rendering Index (CRI)¹: 83.6
Color Temperature (CCT)²: 3086K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G21080901
LM-79 Test No. S21081101

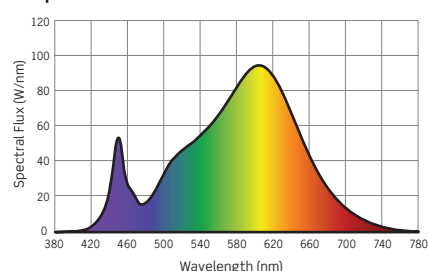
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	47.9	3.5
6 FT	21.3	5.3
8 FT	12.0	7.1
10 FT	7.7	8.8
12 FT	5.3	10.6
14 FT	3.9	12.4

Candela Curve



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2700K	0.94	0.70	0.28	0.39	0.53	0.72	0.89
3000K	N/A	0.75					
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TM-30 DATA: CYL6630KMVDCMCLR

ANSI/IES TM-30-18 Color Rendition Report Test No. S21081101

Colors are for visual orientation purposes only

