

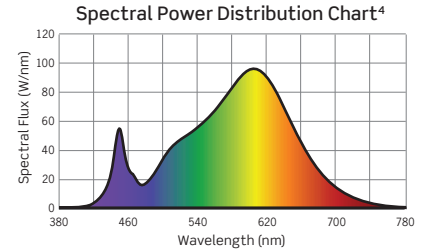
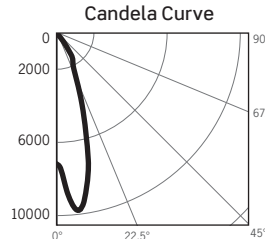
CYL6 SERIES | 6-Inch Round Indoor/Outdoor Cylinders: Photometry

CYL6630KMVDCNCLR: 3000K CLEAR NARROW

LM-63 Test No. G21080504; LM-79 Test No. S21081101

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

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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

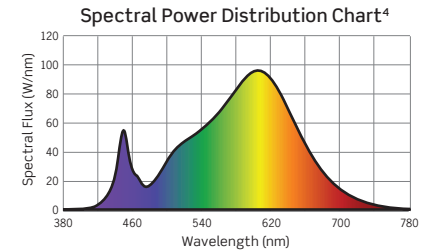
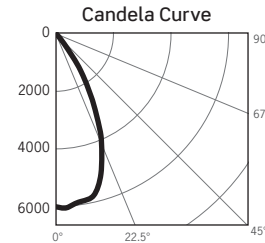


CYL6630KMVDCMCLR: 3000K CLEAR MEDIUM

LM-63 Test No. G21080502; LM-79 Test No. S21081101

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

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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

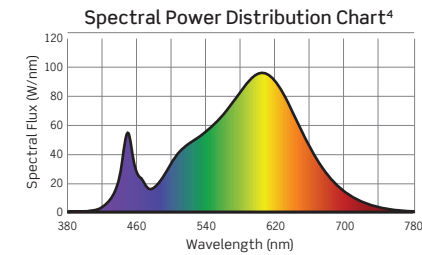
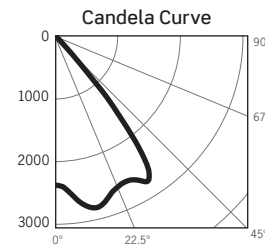


CYL6630KMVDCWCLR: 3000K CLEAR WIDE

LM-63 Test No. G21080601; LM-79 Test No. S21081101

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

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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



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 CCT. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT	STANDARD CRI	HIGH (90+) CRI
2700K	0.94	0.70
3000K	1.00	0.75
3500K	1.00	0.81
4000K	1.00	0.87

10W SERIES 1	14W SERIES 2	20W SERIES 3	28W SERIES 4	36W SERIES 5
0.28	0.39	0.53	0.72	0.89

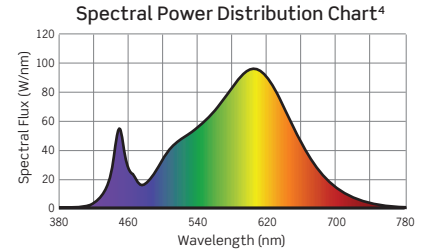
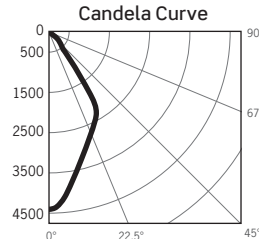
CYL6 SERIES | 6-Inch Round Indoor/Outdoor Cylinders: Photometry

CYL6630KMVDCPL: 3000K MEDIUM PLATINUM

LM-63 Test No. G21080602; LM-79 Test No. S21081101

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

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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

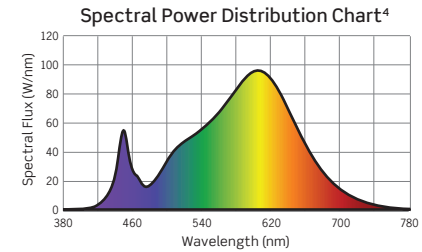
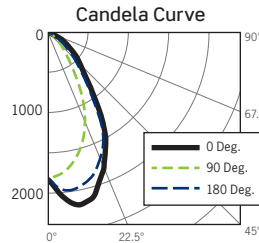


CYL6630KMVDCWW: 3000K WALL WASH

LM-63 Test No. G210806.3; LM-79 Test No. S21081101

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

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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

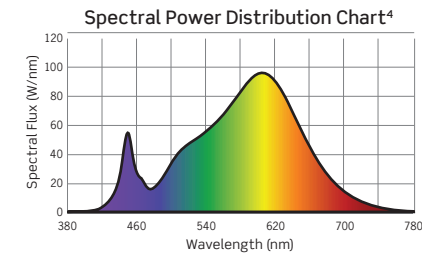
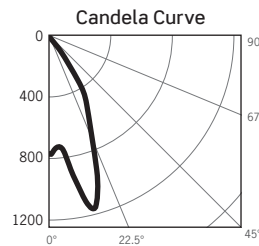


CYL6630KMVDCXPB: 3000K PENCIL BEAM

LM-63 Test No. G21080901; LM-79 Test No. S21081101

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

Intensity Distribution		
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (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



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 CCT. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT MULTIPLIERS		
CCT	STANDARD CRI	HIGH (90+) CRI
2700K	0.94	0.70
3000K	1.00	0.75
3500K	1.00	0.81
4000K	1.00	0.87

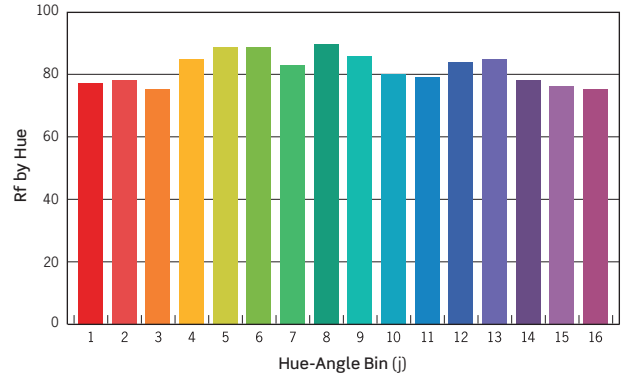
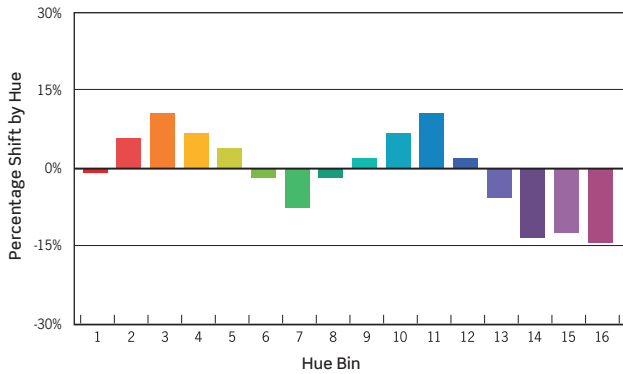
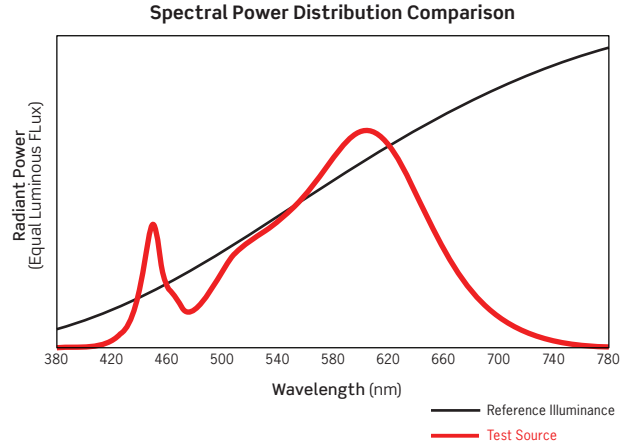
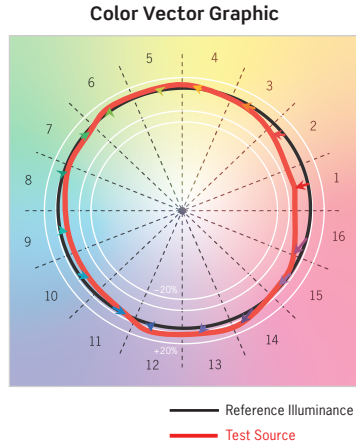
OUTPUT MULTIPLIERS				
10W SERIES 1	14W SERIES 2	20W SERIES 3	28W SERIES 4	36W SERIES 5
0.28	0.39	0.53	0.72	0.89

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

TM-30 DATA for CYL6630KMVDCMLR: 3000K, CLEAR MEDIUM

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

R_f	86
R_g	97
CCT(K)	3086K
D_{uv}	0.0017
u^l	0.2470
v^l	0.5220



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	83	80	89	93	93	88	94	91	84	83	88	89	82	80	80

Colors are for visual orientation purposes only