

DATE

PROJECT

TYPE

CY3 SERIES | 3-1/2 In Indoor/Outdoor Round Cylinders

PHOTOMETRICS

CY3S330K12D1CS: Spot Optic

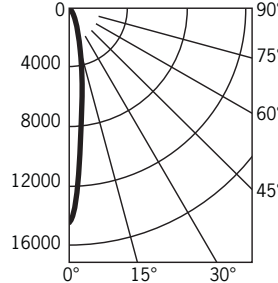
Fixture Delivered Lumens: 2197.22
 Total Watts@120V: 19.679
 Lumens Per Watt: 111.534
 Center Beam Candle Power: 14522
 Beam Distribution: 12.54°
 Spacing Criterion: 0.3135
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3101K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24020204
 LM-79 Test No. S24020101

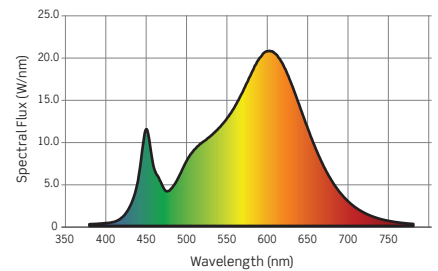
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	907.6	0.88
6 FT	403.4	1.32
8 FT	226.9	1.76
10 FT	145.2	2.20
12 FT	100.8	2.64
14 FT	74.1	3.08

Candela Curve



Spectral Power Distribution Chart⁴



CY3S330K12D1CM: Medium Optic

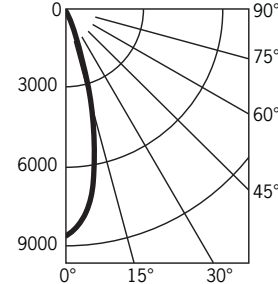
Fixture Delivered Lumens: 2285.87
 Total Watts@120V: 19.672
 Lumens Per Watt: 116.034
 Center Beam Candle Power: 8583
 Beam Distribution: 29.28°
 Spacing Criterion: 0.4628
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3101K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24020203
 LM-79 Test No. S24020101

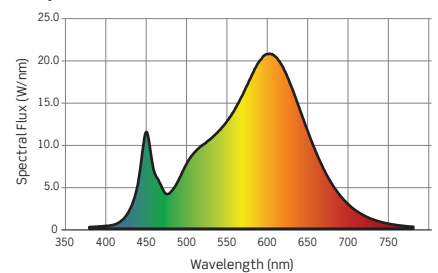
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	536.4	2.09
6 FT	238.4	3.13
8 FT	134.1	4.18
10 FT	85.8	5.22
12 FT	59.6	6.24
14 FT	43.8	7.31

Candela Curve



Spectral Power Distribution Chart⁴



CY3S330K12D1CF: Flood Optic

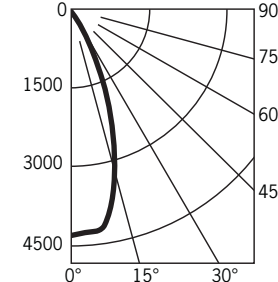
Fixture Delivered Lumens: 2263.94
 Total Watts@120V: 19.675
 Lumens Per Watt: 114.921
 Center Beam Candle Power: 4311
 Beam Distribution: 43.77°
 Spacing Criterion: 0.6604
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3101K

Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24020205
 LM-79 Test No. S24020101

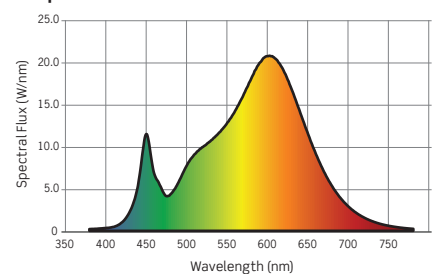
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	269.4	3.21
6 FT	119.7	4.82
8 FT	67.4	6.43
10 FT	43.1	8.03
12 FT	29.9	9.64
14 FT	22.0	11.25

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

CCT	CCT MULTIPLIERS		OUTPUT MULTIPLIERS		
	STD CRI	HIGH CRI	10W	14W	WET LOCATION OPT.
2700K	0.949	0.842	0.525	0.723	0.922
3000K	N/A	0.872			
3500K	1.02	0.895			
4000K	1.04	0.916			

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CY3 SERIES | 3-1/2 In Indoor/Outdoor Round Cylinders

PHOTOMETRICS

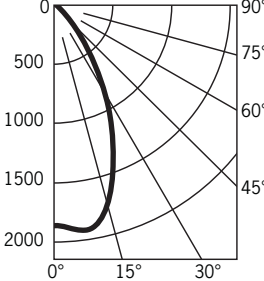
CY3S330K12D1CWF: Wide Flood Optic

Fixture Delivered Lumens: 1854.25
 Total Watts@120V: 19.675
 Lumens Per Watt: 94.1245
 Center Beam Candle Power: 1876
 Beam Distribution: 59.89°
 Spacing Criterion: 0.882
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3101K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24020206
 LM-79 Test No. S24020101

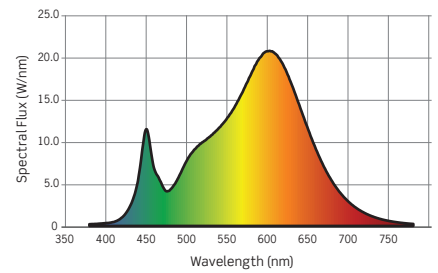
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	117.2	4.61
6 FT	52.1	6.91
8 FT	29.3	9.22
10 FT	18.8	11.52
12 FT	13.0	13.83
14 FT	9.6	16.13

Candela Curve



Spectral Power Distribution Chart⁴



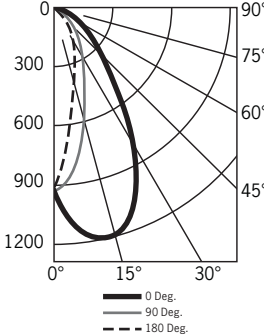
CY3S330K12D1CWW: Wall Wash

Fixture Delivered Lumens: 997.225
 Total Watts@120V: 19.718
 Lumens Per Watt: 50.6206
 Center Beam Candle Power: 927
 Beam Distribution: 50.35°
 Spacing Criterion: 0.8078
 Color Rendering Index (CRI)¹: 83
 Color Temperature (CCT)²: 3101K
 Designed for 50,000 Hour Lamp Life³
 LM-63 Test No. G24020207
 LM-79 Test No. S24020101

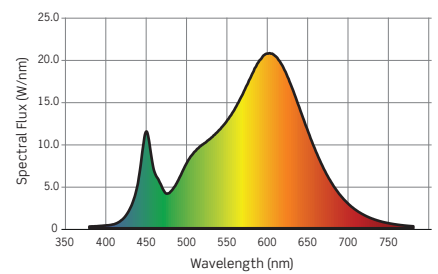
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	57.9	4.08
6 FT	25.7	6.08
8 FT	14.5	8.11
10 FT	9.3	10.14
12 FT	6.4	12.16
14 FT	4.7	14.19

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

CCT	CCT MULTIPLIERS		OUTPUT MULTIPLIERS		
	STD CRI	HIGH CRI	10W	14W	WET LOCATION OPT.
2700K	0.949	0.842	0.525	0.723	0.922
3000K	N/A	0.872			
3500K	1.02	0.895			
4000K	1.04	0.916			

BUG RATINGS

Not valid for Wall Mount (W) when oriented as an Uplight

	REFLECTOR				
	SPOT	MEDIUM	FLOOD	WIDE FLOOD	WALL WASH ¹
10W	B1 U0 G0	B1 U0 G0	B1 U0 G0	B1 U0 G0	B0 U0 G0
14W	B1 U0 G0	B1 U0 G0	B1 U0 G0	B1 U0 G0	B1 U0 G0
20W	B2 U0 G0	B2 U0 G0	B2 U0 G0	B2 U0 G0	B0 U0 G0

1. Wall Wash Rating based on Reflector used as Forward Throw

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CY3 SERIES | 3-1/2 In Indoor/Outdoor Round Cylinders

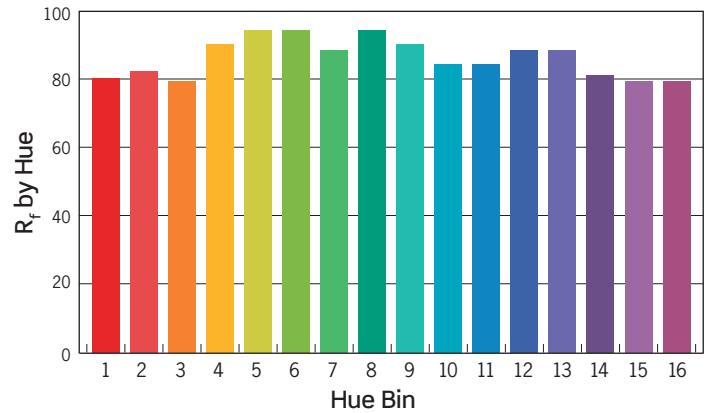
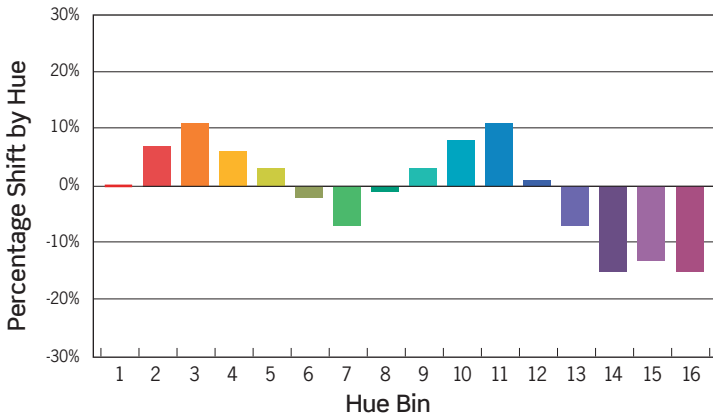
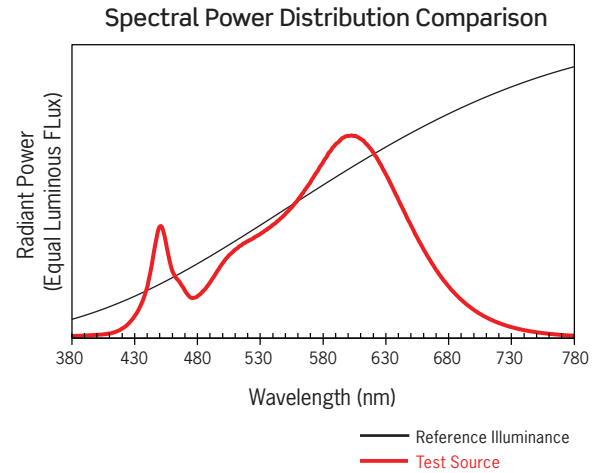
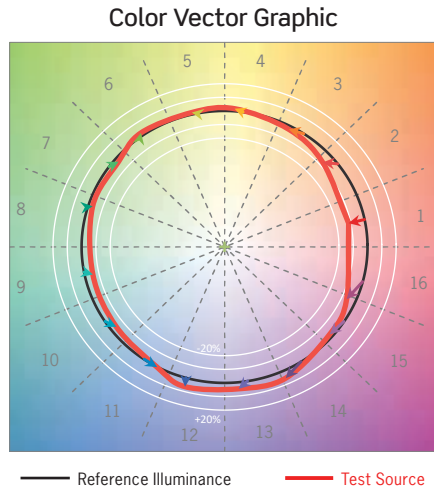
PHOTOMETRICS

TM-30 DATA: CY3S440K12D1CM

ANSI/IES TM-30-18 Color Rendition Report Test No. S24020101

Colors are for visual orientation purposes only

R_f	86
R_g	96
CCT(K)	3101 K
D_{uv}	-0.0002
u^I	0.2470
v^I	0.5196



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	0%	7%	11%	6%	3%	-2%	-7%	-1%	3%	8%	11%	1%	-7%	-15%	-13%	-15%
R_f VALUE	80	82	79	90	94	94	88	94	90	84	84	88	88	81	79	79

Colors are for visual orientation purposes only