CONTECH LIGHTING | a LEVITON company

CATALOG NO.

DATE PROJECT TYPE

CY9 SERIES | 9 Inch Indoor/Outdoor Round Cylinders: Photometrics

CY9530KMVDCSCLR

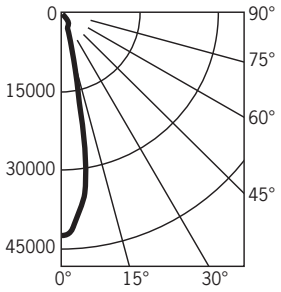
Fixture Delivered Lumens: 8497.9
Total Watts@120V: 85.8
Lumens Per Watt: 99.0
Center Beam Candle Power: 42681
Beam Distribution: 22.0°
Spacing Criterion: 0.34
Color Rendering Index (CRI)[1]: 80.5
Color Temperature (CCT)[2]: 3152K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G18102401
LM-79 Test No. S18110103

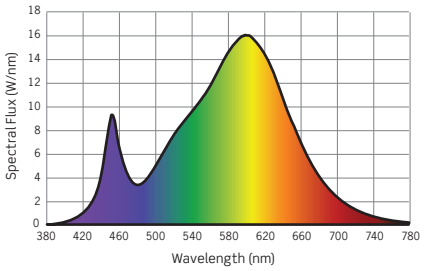
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	2667.6	1.6
6 FT	1185.6	2.3
8 FT	666.9	3.1
10 FT	426.8	3.9
12 FT	296.4	4.7
14 FT	218.8	5.4

Candela Curve



Spectral Power Distribution Chart[4]



CY9530KMVDCNCLR

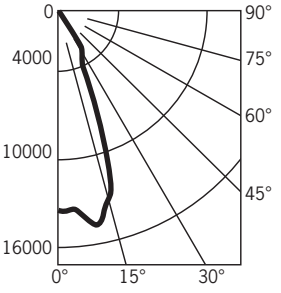
Fixture Delivered Lumens: 8089.1
Total Watts@120V: 85.8
Lumens Per Watt: 94.3
Center Beam Candle Power: 13473
Beam Distribution: 42.0°
Spacing Criterion: 0.62
Color Rendering Index (CRI)[1]: 80.5
Color Temperature (CCT)[2]: 3152K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G18102402
LM-79 Test No. S18110103

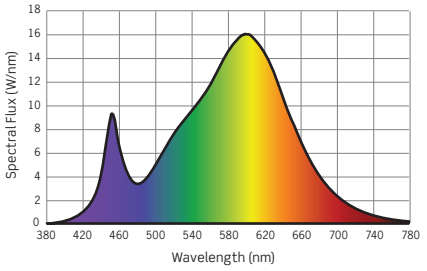
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	842.1	3.1
6 FT	374.2	4.6
8 FT	210.5	6.1
10 FT	134.7	7.7
12 FT	93.6	9.2
14 FT	68.7	10.8

Candela Curve



Spectral Power Distribution Chart[4]



CY9530KMVDCMCLR

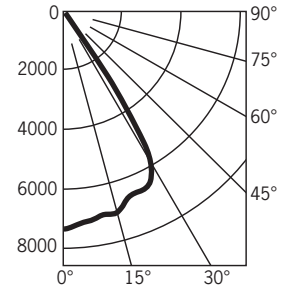
Fixture Delivered Lumens: 7928.6
Total Watts@120V: 85.8
Lumens Per Watt: 92.4
Center Beam Candle Power: 7334
Beam Distribution: 68.8°
Spacing Criterion: 0.98
Color Rendering Index (CRI)[1]: 80.5
Color Temperature (CCT)[2]: 3152K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G18102403
LM-79 Test No. S18110103

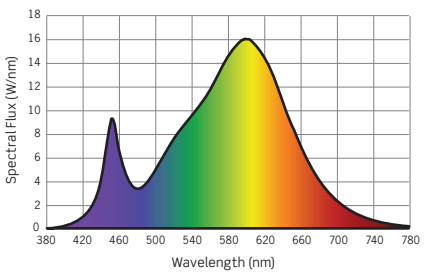
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	458.4	5.5
6 FT	203.7	8.2
8 FT	114.6	10.9
10 FT	73.3	13.7
12 FT	50.9	16.4
14 FT	37.4	19.1

Candela Curve



Spectral Power Distribution Chart[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 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	36W/SERIES 1	48W/SERIES 2	56W/SERIES 3	70W/SERIES 4
2700K	0.95	0.74	0.47	0.61	0.70	0.86
3000K	N/A	0.85				
3500K	1.03	0.89				
4000K	1.07	0.92				

CONTECH LIGHTING | a LEVITON company

CATALOG NO.

DATE PROJECT TYPE

CY9 SERIES | 9 Inch Indoor/Outdoor Round Cylinders: Photometrics

CY9530KMVDCMPL

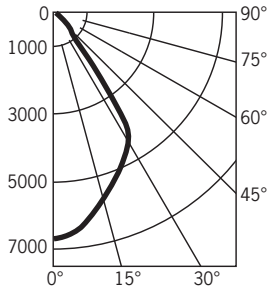
Fixture Delivered Lumens: 7362.6
Total Watts@120V: 85.8
Lumens Per Watt: 85.8
Center Beam Candle Power: 6671
Beam Distribution: 68.8°
Spacing Criterion: 0.99
Color Rendering Index (CRI)[1]: 80.6
Color Temperature (CCT)[2]: 3162K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G18102404
LM-79 Test No. S18110104

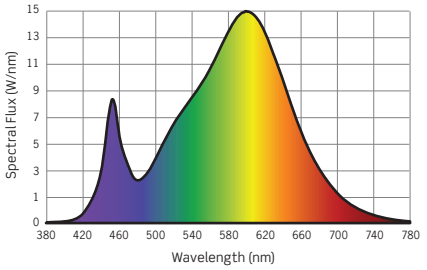
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	417.0	5.5
6 FT	185.3	8.2
8 FT	104.2	11.0
10 FT	66.7	13.7
12 FT	46.3	16.4
14 FT	34.0	19.2

Candela Curve



Spectral Power Distribution Chart[4]



CY9530KMVDCWPL

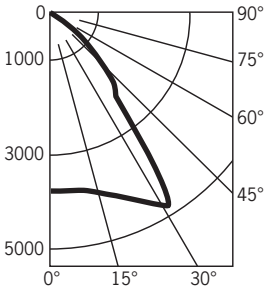
Fixture Delivered Lumens: 8019.2
Total Watts@120V: 85.8
Lumens Per Watt: 93.5
Center Beam Candle Power: 3757
Beam Distribution: 77.0°
Spacing Criterion: 1.22
Color Rendering Index (CRI)[1]: 80.6
Color Temperature (CCT)[2]: 3162K

Designed for 50,000 Hour Lamp Life[3]
LM-63 Test No. G18102405
LM-79 Test No. S18110104

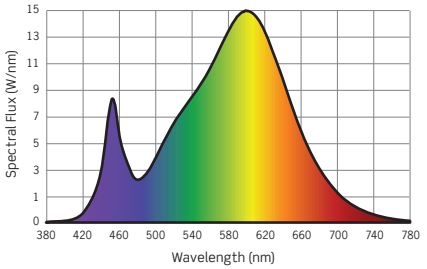
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
4 FT	234.8	6.4
6 FT	104.4	9.5
8 FT	58.7	12.7
10 FT	37.6	15.9
12 FT	26.1	19.1
14 FT	19.2	22.3

Candela Curve



Spectral Power Distribution Chart[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 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	36W/SERIES 1	48W/SERIES 2	56W/SERIES 3	70W/SERIES 4
2700K	0.95	0.74	0.47	0.61	0.70	0.86
3000K	N/A	0.85				
3500K	1.03	0.89				
4000K	1.07	0.92				