

CYN | Surface Round Cylinder

Overview

A series of precision-engineered architectural cylinders, available in 2.5", 4", and 6" diameters. Surface, pendant, and adjustable surface mount configurations deliver clean visual impact with optical precision.

Part #:

CYN | Surface Round Cylinder

Lumens:

High Lumen:
4,000 Lm
40 W

Med Lumen:
3,000 Lm
30 W

Low Lumen:
2,000 Lm
20 W

Color:

CCT: (Standard)
2700K
3000K
3500K
4000K
5000K
Dim to Warm
(1800K-3000K)

CRI:
90

Voltage:

Standard:
120-277 V

Voltage:

Standard:
120-277V

Dimming:

0-10V, Dim to 1% (Flicker Free)
TRIAC (Flicker Free)
ELV (Flicker Free)
Dim to Warm (Flicker Free)

Lifetime:

Standard:
L80 > 50,000 Hrs.

Operating Temperature:

Standard:
-4°F - 104°F

Finishes:

Phantom black Wispy white Specter silver grey

Custom color available*

*All custom color requests must be call to order and will affect leadtimes.
Accommodation for RAL color code is available.



CYN60

Surface Mount

6" LED Cylinder

Features:

Your style, your way

Choose from numerous mounting options and styles to suit your needs.

Bend the light to your whims

Three dimming options: 0-10V, TRIAC, and ELV dimming.
Available optic packages in 18°, 24°, 36°, and 50° beam angles.

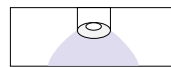
Aluminum housing and performance light engine

High quality, precision housing paired with a long lasting light engine.

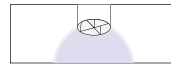


Trim:

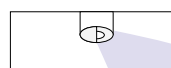
Standard:



Standard Vortex Baffle



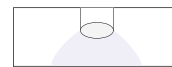
Cross Baffle



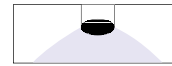
Wall Wash Baffle

Lens:

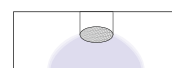
Standard



Soft Lens

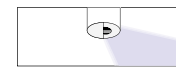


Linear Spread

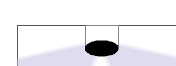


Hex Louver

Wall Wash



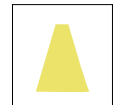
Single Side Wall Wash



Double Sided Wall Wash

Optics:

Photometry:



18° Flood



24° Flood

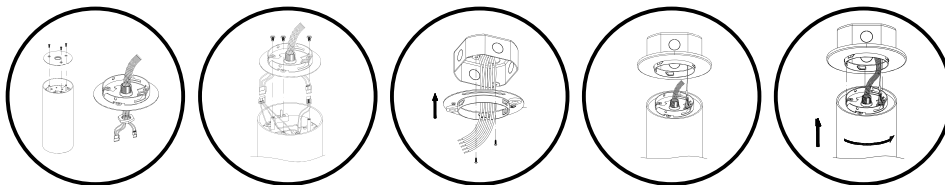


36° Flood

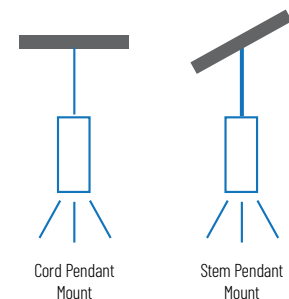


50° Flood

Installation Overview:



Also available in:



Type:	Project:	Submitted by:	Date:
Ordering information:			

CYN | Surface Round Cylinder

Example: CYN 60R WS40 20W SD 36 VB 950K BK HEX RJ SMBK

Ordering Guide:
Use the buttons below to build out a product number.

Select one option per numbered section. If a preferred option is not here, please contact your local SPRNG representative for more information.

Body and model		Output / CCT / Electrical				
1 Series	2 Size	3 Power	4 Distribution	5 Baffle ¹	6 Voltage	7 CCT/CRI
CYN Cyn - Suspended Cylinder	60R 6" Diameter	WS40 20W 2,000 Lumens / 20W WS40 30W 3,000 Lumens / 30W WS40 40W 4,000 Lumens / 40W WX15* 1,200 Lumens / 15W CO Custom Output (Please specify lumen or wattage) ¹ ¹ Please consult your local SPRNG representative for details on Custom Lumens &/or Watts. ² NOTE: Dim to Warm Power option requires 9DWK CCT selection.	SD 18 Very Narrow - 18° SD 24 Narrow - 24° SD 36 Medium Narrow - 36° SD 50 Wide - 50°	VB Standard Vortex baffle CB Cross baffle WWSF Wall wash, Metallic silver finish ¹ Baffle color finish will match fixture color (see Fixture Finish) unless otherwise specified.	BLANK 120-277V	927K 90 CRI - 2700K 930K 90 CRI - 3000K 935K 90 CRI - 3500K 940K 90 CRI - 4000K 950K 90 CRI - 5000K 9DWK 90 CRI - Dim to warm 1800K - 3000K
Finish		Hard Optics		Mounting		Emergency Backup
8 Fixture Finish ²		9 Lens	10 Junction Box	11 Mounting	12 Emergency Backup	
BK Phantom black WH Wispy white SG Specter silver grey <						

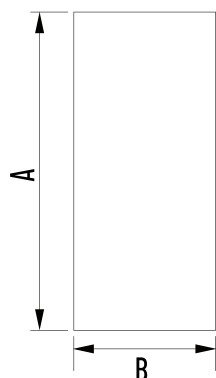
² Mounting kits will match cylinder finish.
*Custom color requires MOQ and advanced leadtimes.

CYN | Surface Round Cylinder

Performance Data:

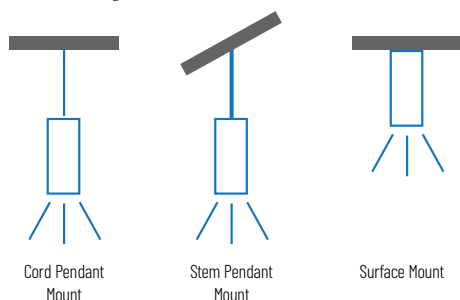
Power	Size	2700K (90 CRI)		3000K (90 CRI)		3500K (90 CRI)		4000K (90 CRI)		5000K (90 CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
40W	6 IN	3,800 LM	85 LM/W	3,800 LM	95 LM/W	3,800 LM	95 LM/W	4,000 LM	100 LM/W	4,000 LM	100 LM/W

Dimensions:

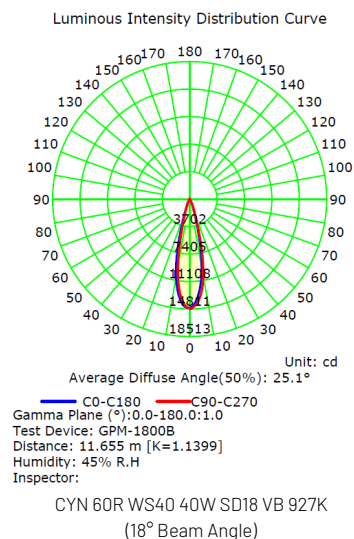


Size	Height (A)	Width (B)
6 IN ROUND	10 IN	5.9 IN

Mounting:



Photometrics:



Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 60R WS40 40W SD 18 VB 950-4000Lm-50K-18
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 150
Luminous Height (mm):
Current: 0.345 A
Power Factor: 0.999

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 150
Voltage: 120.4 V
Power: 41.53 W

Photometric Results

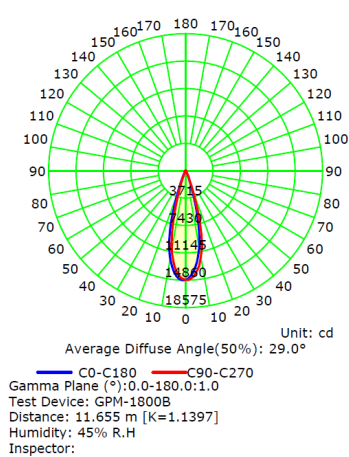
CIE Class: Direct
Measurement Flux: 3041.8 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H42.5,H25.4,H17.7,H1
Vertical Diffuse Angle(10%,50%,75%,100%): V42,V24.8,V17.7,V1
Luminaire Efficacy Rating (LER): 73.29
Max. Intensity: 14811.08 cd
S/MH(C0/C180): 0.43

Total Rated Lamp Lumens: 3041.8 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 14653.99 cd
Pos of Max. Intensity: H150 V1
S/MH(C90/C270): 0.42

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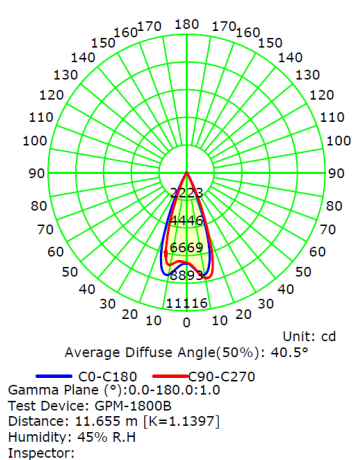
Photometrics (Continued):

Luminous Intensity Distribution Curve



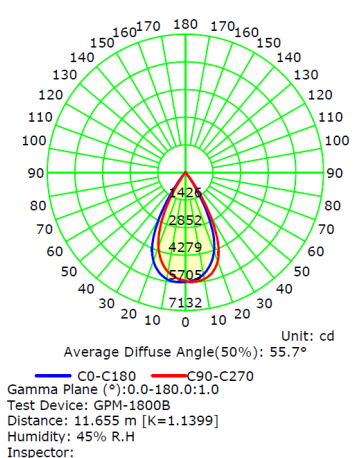
CYN 60R WS40 40W SD24 VB 927K
(24° Beam Angle)

Luminous Intensity Distribution Curve



CYN 60R WS40 40W SD36 VB 927K
(36° Beam Angle)

Luminous Intensity Distribution Curve



CYN 60R WS40 40W SD50 VB 927K
(50° Beam Angle)

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 60R WS40 40W SD 24 VB 950-4000Lm-50K-24
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 150
Luminous Height (mm):
Current: 0.345 A
Power Factor: 0.999

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 150
Voltage: 120.4 V
Power: 41.54 W

Photometric Results

CIE Class: Direct
Measurement Flux: 3574.4 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H44.5,H29.3,H20.7,H1
Vertical Diffuse Angle(10%,50%,75%,100%): V43.9,V28.8,V21,V1
Luminaire Efficacy Rating (LER): 86.10
Max. Intensity: 14860.1 cd
S/MH(C0/C180): 0.50

Total Rated Lamp Lumens: 3574.4 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 14786.96 cd
Pos of Max. Intensity: H120 V1
S/MH(C90/C270): 0.49

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 60R WS40 40W SD 36 VB 950-4000Lm-50K-36
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 150
Luminous Height (mm):
Current: 0.345 A
Power Factor: 0.998

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 150
Voltage: 120.5 V
Power: 41.53 W

Photometric Results

CIE Class: Direct
Measurement Flux: 3579.5 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H55.1,H41.7,H35.4,H20
Vertical Diffuse Angle(10%,50%,75%,100%): V54.3,V40.3,V34.3,V22
Luminaire Efficacy Rating (LER): 86.24
Max. Intensity: 8893.26 cd
S/MH(C0/C180): 0.75

Total Rated Lamp Lumens: 3579.5 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 7289.4 cd
Pos of Max. Intensity: H60 V10
S/MH(C90/C270): 0.72

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 60R WS40 40W SD 50 VB 950-4000Lm-50K-50
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 150
Luminous Height (mm):
Current: 0.345 A
Power Factor: 0.998

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 150
Voltage: 120.5 V
Power: 41.54 W

Photometric Results

CIE Class: Direct
Measurement Flux: 4161.3 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H72.9,H56.3,H44.5,H5
Vertical Diffuse Angle(10%,50%,75%,100%): V72.5,V55.3,V43.2,V6
Luminaire Efficacy Rating (LER): 100.23
Max. Intensity: 5705.65 cd
S/MH(C0/C180): 0.92

Total Rated Lamp Lumens: 4161.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 5649.16 cd
Pos of Max. Intensity: H150 V7
S/MH(C90/C270): 0.90