

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 Mount Cylinder

Lumens:

High Lumen:
2,500 Lm
25 W

Med Lumen:
1,900 Lm
19 W

Low Lumen:
1,300 Lm
13 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.



CYN40

Surface Mount

4" 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.

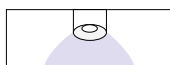
Aluminum housing and performance light engine

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

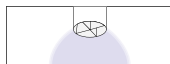


Trim:

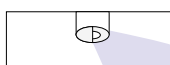
Standard:



Standard Vortex Baffle



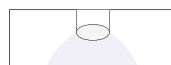
Cross Baffle



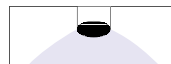
Wall Wash Baffle

Lens:

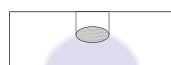
Standard



Soft Lens

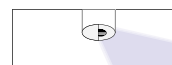


Linear Spread

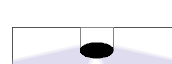


Hex Louver

Wall Wash



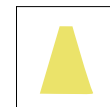
Single Side Wall Wash



Double Sided Wall Wash

Optics:

Photometry:



18° Flood



24° Flood

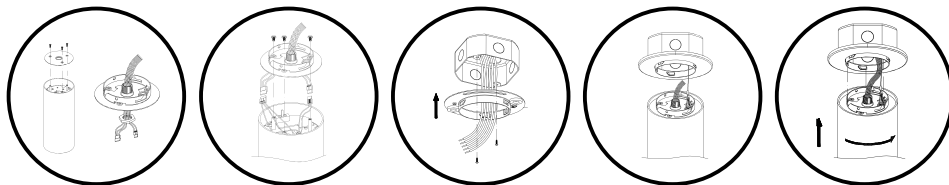


36° Flood

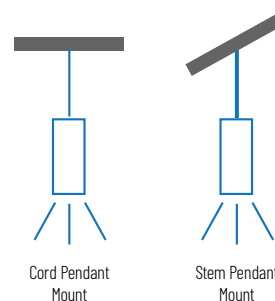


50° Flood

Installation Overview:



Also available in:



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

CYN | Surface Round Cylinder

Example: CYN G1 40R WS25 13W SD 36 VB 950K BK SFT RJ SMBK

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

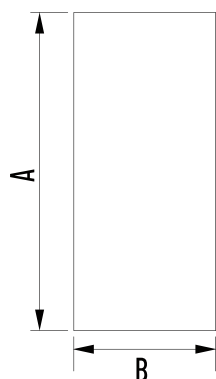
Body and model			Output / CCT / Electrical			
1 Series	2 Size	3 Power	4 Distribution	5 Baffle ²	6 Voltage	7 CCT/CRI
CYN Cyn - Suspended Cylinder	40R 4" Diameter	WS25 13W 1,300 Lumens / 13 W WS25 19W 1,900 Lumens / 19W WS25 25W 2,500 Lumens / 25W WX15* 1,200 Lumens / 15W CO Custom Output (Please specify 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 ² 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 ² NOTE: 9DWK CCT option requires WX15 Power option.
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 -----* RAL color code ² Mounting kits will match cylinder finish. ³ Custom color requires MOQ and advanced leadtimes.	BLANK Standard clear lens HEX Hex louver SFT Softening lens LIN Linear spread SWW Single side wall wash DWW Double side wall wash	RJ Recessed J-box SJ Surface J-box	SMBK Surface Mount, Black Finish. SMSG Surface Mount, Silver Gray Finish. SMWH Surface Mount, White Finish. ADSMBK Adjustable Surface Mount, Black Finish. ADSMG Adjustable Surface Mount, Silver Gray Finish. ADSMWH Adjustable Surface Mount, White Finish.	BLANK No Emergency Battery backup EM-BK Emergency Battery backup (8W), Black Finish EM-WH Emergency Battery backup (8W), White Finish EM-SG Emergency Battery backup (8W), Silver Gray Finish		

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Performance Data:

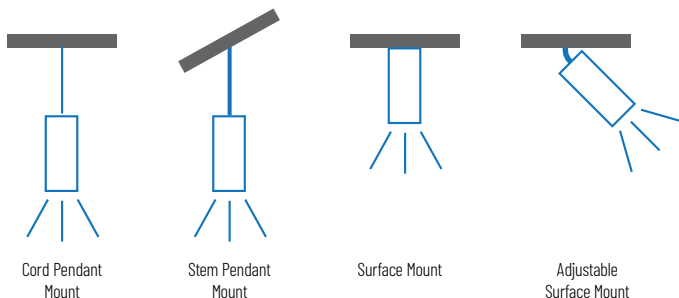
Power	Size	2700K (90 CRI)		3000K (90 CRI)		3500K (90 CRI)		4000K (90 CRI)		5000K (90 CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
25W	4 IN	2,400 LM	96 LM/W	2,400 LM	96 LM/W	2,400 LM	96 LM/W	2,500 LM	100 LM/W	2,500 LM	100 LM/W

Dimensions:

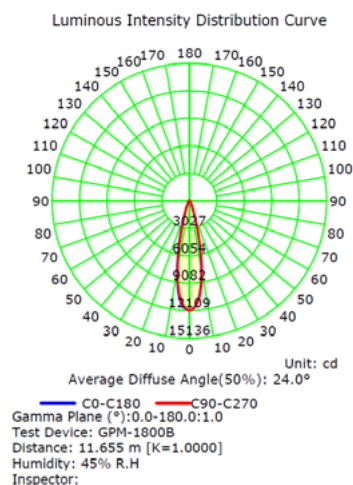


Size	Height (A)	Width (B)
4 IN ROUND	8.3 IN	3.7 IN

Mounting:



Photometrics:



CYN 40R WS25 25W SD18 VB 927K

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Luminaire Description: CYN 40R WS25 25W SD 18 VB 950-2500Lm-50K-18
 Lamp Catalog:
 Number of Lamps: 1
 Luminous Length (mm): 92
 Luminous Height (mm):
 Current: 0.212 A
 Power Factor: 0.999

Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm): 92
 Voltage: 120.4 V
 Power: 25.51 W

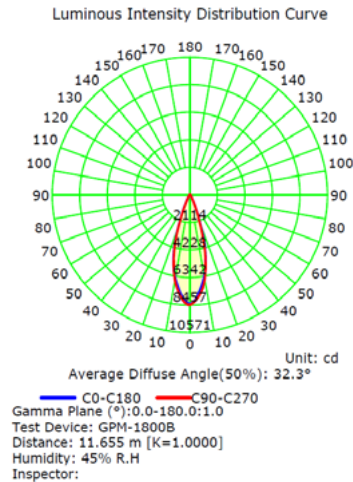
Photometric Results

CIE Class: Direct
 Measurement Flux: 2502.3 lm
 Downward Ratio: 100%
 Horizontal Diffuse Angle(10%,50%,75%,100%): H43.2,H24,H16.7,H0
 Vertical Diffuse Angle(10%,50%,75%,100%): V42.5,V24,V16.7,V0
 Luminaire Efficacy Rating (LER): 98.14
 Max. Intensity: 12109.43 cd
 S/MH(C0/C180): 0.41

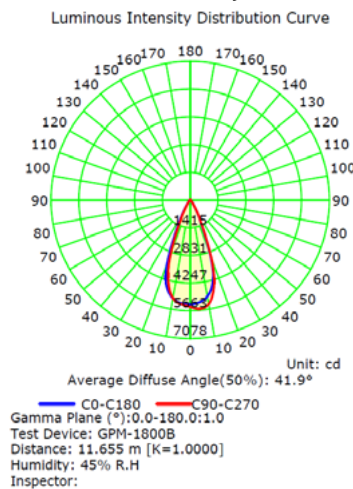
Total Rated Lamp Lumens: 2502.3 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 12109.43 cd
 Pos of Max. Intensity: H0 V0
 S/MH(C90/C270): 0.41

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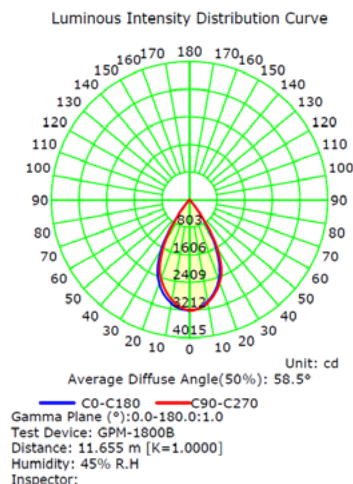
Photometrics (Continued):



CYN 40R WS25 25W SD24 VB 927K
(24° Beam Angle)



CYN 40R WS25 25W SD36 VB 927K
(36° Beam Angle)



CYN 40R WS25 25W SD50 VB 927K
(50° Beam Angle)

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 40R WS25 25W SD 24 VB 950-2500Lm-50K-24
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 92
Luminous Height (mm):
Current: 0.213 A
Power Factor: 0.999

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 92
Voltage: 120.4 V
Power: 25.60 W

Photometric Results

CIE Class: Direct
Measurement Flux: 2613.3 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H52.7,H32.8,H21.4,H0
Vertical Diffuse Angle(10%,50%,75%,100%): V51.6,V31.8,V21.9,V1
Luminaire Efficacy Rating (LER): 102.13
Max. Intensity: 8457.04 cd
S/MH(C0/C180): 0.55

Total Rated Lamp Lumens: 2613.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 8339.71 cd
Pos of Max. Intensity: H150 V1
S/MH(C90/C270): 0.53

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 40R WS25 25W SD 36 VB 950-2500Lm-50K-36
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 92
Luminous Height (mm):
Current: 0.213 A
Power Factor: 0.999

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 92
Voltage: 120.3 V
Power: 25.60 W

Photometric Results

CIE Class: Direct
Measurement Flux: 2686.8 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H63.7,H42.7,H35.1,H0
Vertical Diffuse Angle(10%,50%,75%,100%): V62,V41.3,V33,V6
Luminaire Efficacy Rating (LER): 105.00
Max. Intensity: 5663.12 cd
S/MH(C0/C180): 0.73

Total Rated Lamp Lumens: 2686.8 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 5340.93 cd
Pos of Max. Intensity: H120 V6
S/MH(C90/C270): 0.70

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 40R WS25 25W SD 50 VB 950-2500Lm-50K-50
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 92
Luminous Height (mm):
Current: 0.213 A
Power Factor: 0.999

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 92
Voltage: 120.4 V
Power: 25.61 W

Photometric Results

CIE Class: Direct
Measurement Flux: 2635.6 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H76.8,H58.6,H43.7,H1
Vertical Diffuse Angle(10%,50%,75%,100%): V76.4,V58.5,V42.9,V1
Luminaire Efficacy Rating (LER): 102.96
Max. Intensity: 3212.14 cd
S/MH(C0/C180): 0.92

Total Rated Lamp Lumens: 2635.6 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 3211.93 cd
Pos of Max. Intensity: H120 V2
S/MH(C90/C270): 0.92