

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:
1,500 Lm
15 W

Med Lumen:
1,100 Lm
11 W

Low Lumen:
800 Lm
8 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:



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



CYN25

Surface Mount

2.5" 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.

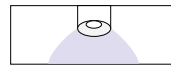
Available optic packages in 18°, 24°, 36°, and 50° beam angles.

Aluminum housing and performance light engine

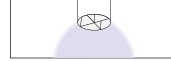
High quality, precision housing paired with a long lasting light engine.



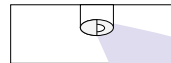
Trim:



Standard Vortex Baffle

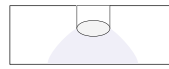


Cross Baffle

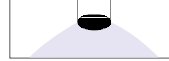


Wall Wash Baffle

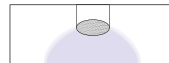
Lens:



Soft Lens

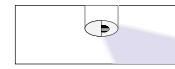


Linear Spread

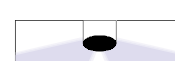


Hex Louver

Wall Wash:



Single Side Wall Wash



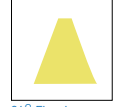
Double Sided Wall Wash

Optics:

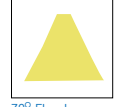
Photometry:



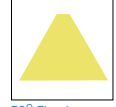
18° Flood



24° Flood

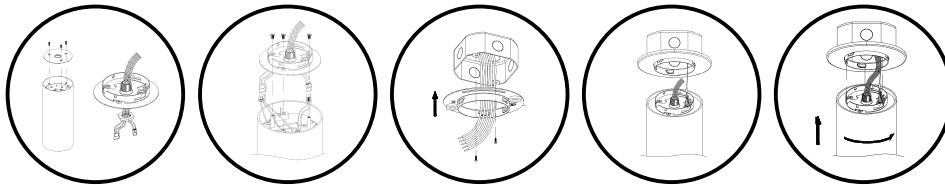


36° Flood

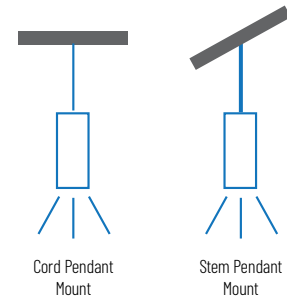


50° Flood

Installation Overview:



Also available in:



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

CYN | Surface Round Cylinder

Example: CYN 25R WS15 15W SD 36 VB 950K BK HEX 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 ¹	6 Voltage	7 CCT/CRI
CYN Cyn - Suspended Cylinder	25R 2.5" Diameter	WS15 8W 800 Lumens / 58W WS15 11W 1,100 Lumens / 11W WS15 15W 1,500 Lumens / 15W WX15* 1,200 Lumens / 15W CO Custom Output (Please specify lumen or wattage) ² ² Please consult your local SPRNG representative for details on Custom Lumens &/or Watts. *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 *NOTE: 9DWK CCT option requires WX15 Power option.

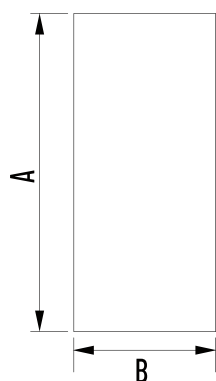
Finish	Hard Optics	Mounting		Emergency Backup
8 Fixture Finish ²	9 Lens	10 Junction Box	11 Mounting	12 Emergency Backup
BK Phantom black WH Whisper white SG Specter silver grey -----* RAL color code ² Mounting kits will match cylinder finish. *Custom color requires MOQ and advanced leadtimes.	BLANK Standard 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

CYN | Surface Round Cylinder

Performance Data:

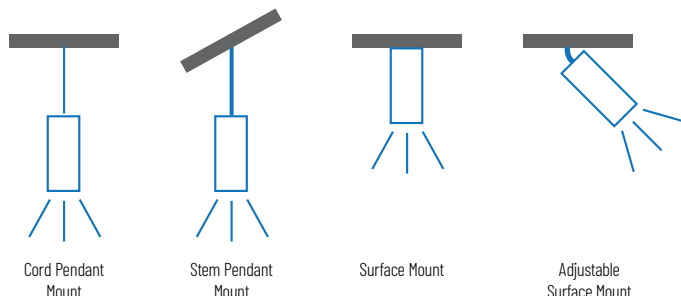
Power	Size	2700K (90 CRI)		3000K (90 CRI)		3500K (90 CRI)		4000K (90 CRI)		5000K (90 CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
15W	2.5 IN	1,430 LM	95 LM/W	1,430 LM	95 LM/W	1,430 LM	95 LM/W	1,500 LM	100 LM/W	1,500 LM	100 LM/W

Dimensions:

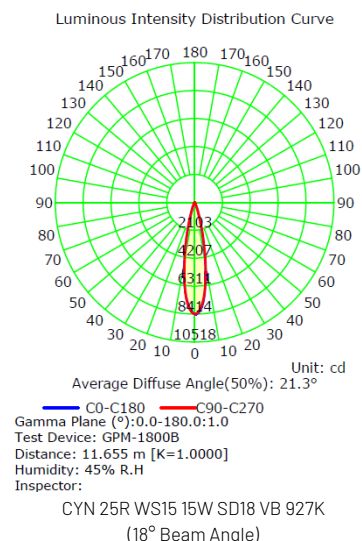


Size	Height (A)	Width (B)
2.5 IN ROUND	8.3 IN	2.87 IN

Mounting:



Photometrics:



Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Luminaire Description: CYN 25R WS15 15W SD 18 VB 950-1500 Lm-50K-18
 Lamp Catalog:
 Number of Lamps: 1
 Luminous Length (mm): 72
 Luminous Height (mm):
 Current: 0.123 A
 Power Factor: 0.998

Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm): 72
 Voltage: 120.4 V
 Power: 14.81 W

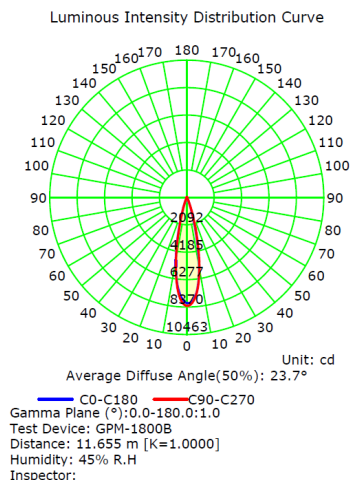
Photometric Results

CIE Class: Direct
 Measurement Flux: 1337.8 lm
 Downward Ratio: 100%
 Horizontal Diffuse Angle(10%,50%,75%,100%): H38.1,H21.2,H14.3,H0
 Vertical Diffuse Angle(10%,50%,75%,100%): V38.6,V21.4,V14.2,V0
 Luminaire Efficacy Rating (LER): 90.38
 Max. Intensity: 8414.69 cd
 S/MH(C0/C180): 0.36

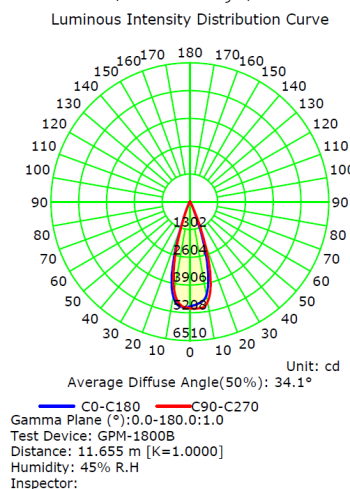
Total Rated Lamp Lumens: 1337.8 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 8414.68 cd
 Pos of Max. Intensity: H0 V0
 S/MH(C90/C270): 0.36

CYN | Surface Round Cylinder

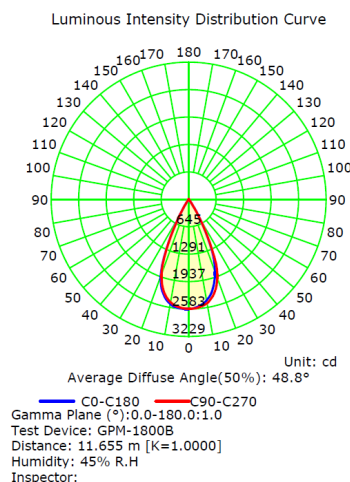
Photometrics (Continued):



CYN 25R WS15 15W SD24 VB 927K
(24° Beam Angle)



CYN 25R WS15 15W SD36 VB 927K
(36° Beam Angle)



CYN 25R WS15 15W SD50 VB 927K
(50° Beam Angle)

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 25R WS15 15W SD 24 VB 950-1500 Lm-50K-24
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 72
Luminous Height (mm):
Current: 0.123 A
Power Factor: 0.998

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 72
Voltage: 120.4 V
Power: 14.82 W

Photometric Results

CIE Class: Direct
Measurement Flux: 1475.2 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H39,H23.8,H16.5,H1
Vertical Diffuse Angle(10%,50%,75%,100%): V40.1,V23.6,V16.2,V0
Luminaire Efficacy Rating (LER): 99.59
Max. Intensity: 8370.46 cd
S/MH(C0/C180): 0.41

Total Rated Lamp Lumens: 1475.2 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 8068.69 cd
Pos of Max. Intensity: H300 V1
S/MH(C90/C270): 0.40

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 25R WS15 15W SD 36 VB 950-1500 Lm-50K-36
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 72
Luminous Height (mm):
Current: 0.123 A
Power Factor: 0.998

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 72
Voltage: 120.3 V
Power: 14.81 W

Photometric Results

CIE Class: Direct
Measurement Flux: 1598.1 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H48.2,H33.9,H27,H3
Vertical Diffuse Angle(10%,50%,75%,100%): V49,V34.4,V26.9,V2
Luminaire Efficacy Rating (LER): 107.96
Max. Intensity: 5208.31 cd
S/MH(C0/C180): 0.58

Total Rated Lamp Lumens: 1598.1 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 4904.16 cd
Pos of Max. Intensity: H120 V2
S/MH(C90/C270): 0.58

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Luminaire Description: CYN 25R WS15 15W SD 50 VB 950-1500 Lm-50K-50
Lamp Catalog:
Number of Lamps: 1
Luminous Length (mm): 72
Luminous Height (mm):
Current: 0.123 A
Power Factor: 0.998

Lamp Description:
Lumens per Lamp:
Luminous Width (mm): 72
Voltage: 120.5 V
Power: 14.82 W

Photometric Results

CIE Class: Direct
Measurement Flux: 1519 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H64.8,H48.7,H38.5,H1
Vertical Diffuse Angle(10%,50%,75%,100%): V64.5,V49,V39.7,V1
Luminaire Efficacy Rating (LER): 102.55
Max. Intensity: 2583.55 cd
S/MH(C0/C180): 0.81

Total Rated Lamp Lumens: 1519.0 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 2581.67 cd
Pos of Max. Intensity: H180 V1
S/MH(C90/C270): 0.83