

CYN | Pendant Square 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 | Pendant Square 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.



CYN40S

Suspended Mount 4" LED Square Cylinder

Features:

Your style, your way

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

Bend the light to your whims

Three In One dimming driver allows for 0-10V, TRIAC, and ELV dimming.
Adjustable optics allows for 18°, 24°, 36°, and 50° beam angles.

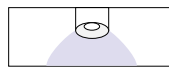
Aluminum housing and performance light engine

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

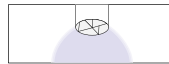


Trim:

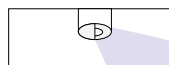
Standard:



Standard Vortex Baffle



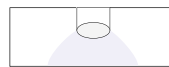
Cross Baffle



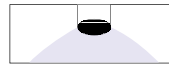
Wall Wash Baffle

Lens:

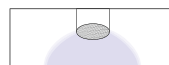
Standard



Soft Lens

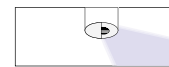


Linear Spread

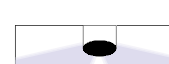


Hex Louver

Wall Wash



Single Side Wall Wash



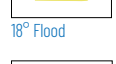
Double Sided Wall Wash

Optics:

Photometry:



18° Flood



24° Flood

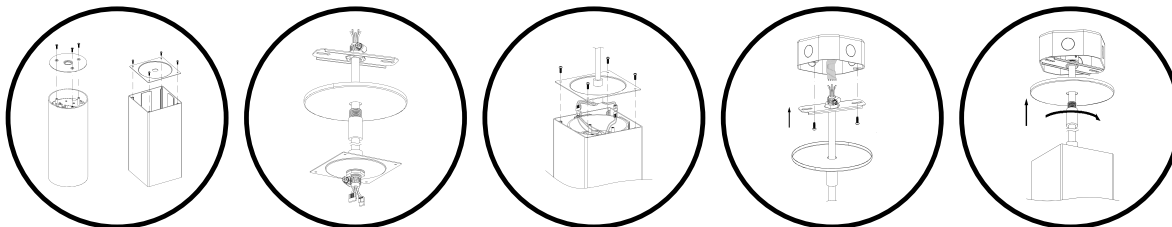


36° Flood



50° Flood

Installation Overview:





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

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Example: CYN 40S WS25 13W SD 36 VB 950K BK HEX RJ CPBK

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.

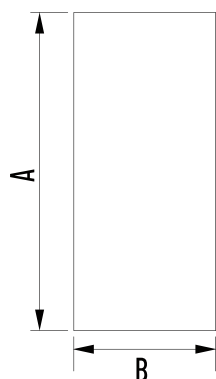
Body and model		Output / CCT / Electrical				
1 Series	2 Size	3 Power	4 Distribution	5 Baffle ²	6 Voltage	7 CCT/CRI
CYN <i>Cyn - Suspended Cylinder</i>	40S <i>4" x 4" Square Body</i>	WS25 13W <i>1,300 Lumens / 13 W</i> WS25 19W <i>1,900 Lumens / 19W</i> WS25 25W <i>2,500 Lumens / 25W</i> WX15* <i>1,200 Lumens / 15W</i> CO <i>Custom Output (Please specify lumen or wattage)¹</i> <i>¹Please consult your local SPRNG representative for details on Custom Lumens &/or Watts.</i> <i>²NOTE: Dim to Warm Power option requires 9DWK CCT selection.</i>	SD 18 <i>Very Narrow - 18°</i> SD 24 <i>Narrow - 24°</i> SD 36 <i>Medium Narrow - 36°</i> SD 50 <i>Wide - 50°</i>	VB <i>Standard Vortex baffle</i> CB <i>Cross baffle</i> WWSF <i>Wall wash, Metallic silver finish</i> <i>² Baffle color finish will match fixture color (see Fixture Finish) unless otherwise specified.</i>	BLANK <i>120-277V</i>	927K <i>90 CRI - 2700K</i> 930K <i>90 CRI - 3000K</i> 935K <i>90 CRI - 3500K</i> 940K <i>90 CRI - 4000K</i> 950K <i>90 CRI - 5000K</i> 9DWK* <i>90 CRI - Dim to warm 1800K - 3000K</i> <i>³NOTE: 9DWK CCT option requires WX15 Power option.</i>
Finish		Hard Optics		Mounting		Emergency Backup
8 Finish ²	9 Lens	10 Junction Box	11 Mounting ³	12 Emergency Backup		
BK <i>Phantom black</i> WH <i>Whisper white</i> SG <i>Specter silver grey</i> -----* <i>RAL color code</i> <i>² Power cable, stems, and mounting kits will match cylinder finish.</i> <i>³Custom color requires MOQ and advanced leadtimes.</i>	BLANK <i>Standard clear lens</i> HEX <i>Hex louver</i> SFT <i>Softening lens</i> LIN <i>Linear spread</i> SWW <i>Single side wall wash</i> DWW <i>Double side wall wash</i>	RJ <i>Recessed J-box</i> SJ <i>Surface J-box</i>	CPBK <i>Cable Pendant mount kit, Black finish (specify length).</i> CPWH <i>Cable Pendant mount kit, White finish (specify length).</i> CPSG <i>Cable Pendant mount kit, Silver Gray finish (specify length).</i> SPBK <i>Stem Pendant Mount, Black Finish (specify length).</i> SPWH <i>Stem Pendant Mount, White Finish (specify length).</i> SPSG <i>Stem Pendant Mount, Silver Gray Finish (specify length).</i> <i>³ Please specify length to the FT.</i>	BLANK <i>No battery backup</i> EM-BK <i>Emergency Battery backup (8W), Black Finish</i> EM-WH <i>Emergency Battery backup (8W), White Finish</i> EM-SG <i>Emergency Battery backup (8W), Silver Gray Finish</i>		

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Performance Data:

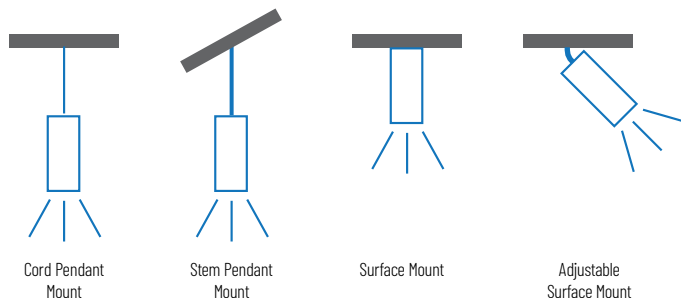
Power	Size	2700K (90 CRI)		3000K (90 CRI)		3500K (90 CRI)		4000K (90 CRI)		5000K (90 CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
25W	4 IN	2,400 LM	96 LM/W	2,400 LM	96 LM/W	2,400 LM	96 LM/W	2,500 LM	100 LM/W	2,500 LM	100 LM/W

Dimensions:

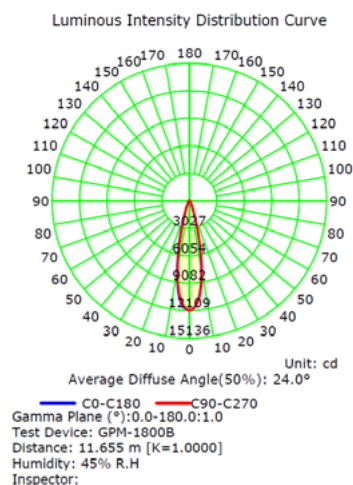


Size	Height (A)	Width (B)
4 IN SQUARE	8.58 IN	4 IN

Mounting:



Photometrics:



CYN 40S WS25 25W SD18 VB 927K
(18° Beam Angle)

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

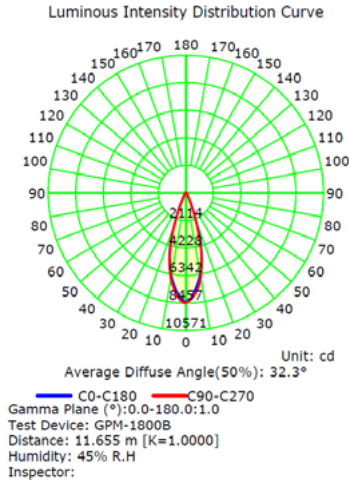
Photometric Results

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

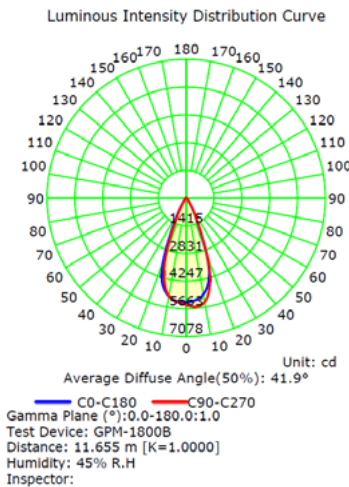
Total Rated Lamp Lumens: 2502.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 12109.43 cd
Pos of Max. Intensity: H0 V0
S/MH(C90/C270): 0.41

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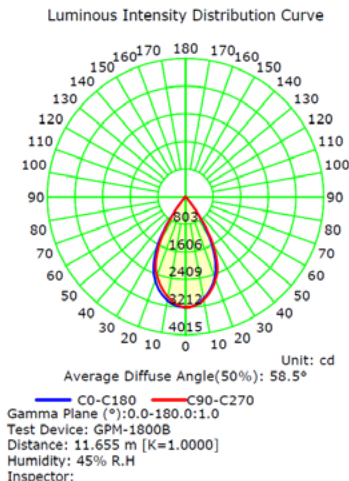
Photometrics (Continued):



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



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



CYN 40S 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