

Project: _____

Type: _____

Drawn by: _____ Catalogue #: _____

Date: _____



SILK

LED ARCHITECTURAL CYLINDER 6"

SURFACE CEILING

The SILK LED Architectural Cylinder series offers a sleek and aesthetic design, perfect to add an elegant touch to the chosen space without compromising on performance. This specification-grade cylinder comes in a variety of lumen packages, color temperatures, finishes and beam angles, ensuring the perfect fit for any application. Elevate your space with the SILK series and experience the ideal blend of style and functionality.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Powder coated extruded aluminum housing
- Forged aluminum heat sink allows for better heat dissipation and optimal performance
- Die-cast aluminum baffle
- Glass lens is available in clear or frosted finish

Finish

- Housing finish: matte silver, semi-gloss white and matte black finish standard
- Baffle finish: matte silver, semi-gloss white, matte black, and alzak finish standard
- Special color option available upon request (provide RAL#)

Optic

- High quality optic and reflector design
- Spot (15° to 21.5°)
- Narrow Flood (24° to 40.5°)
- Flood (38° to 44.2°)
- Wide (60° to 65°)

Mounting

- Surface mounted on ceiling
- Mounting plate installs on the junction box
- Cylinder is easily installed on the mounting plate using set screws on each side

• Performance data

- Available in 2 700, 3 000, 3 500, 4 000, and 5 000 K single color temperatures
- Available in both 80+ CRI and, 90+ CRI for true color accuracy
- Electrical ratings: 120 V, 120-277 V, and 347 V
- Estimated life of over 50 000 hours to L70

Light Source:

- Chip-on-board (COB)
- LED chip binning of a maximum of 3 step MacAdam Ellipse to ensure color consistency

Dimming:

- 0-10 V dimming standard
- For other available options, refer to the ordering guide

Operating temperature¹:

- Recommended operating temperature is below 30°C

¹ Please see SILK Compatible Dimmer and Operating Temperature List for details.

• Compliances

- cCSAus listed for wet locations
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications

AVAILABLE MOUNTINGS

Wall Mount



Suspended



5 yrs
warranty

LED
fixture

dimmmable
fixture

66
wet
location

canadian
assembled

ICES
005

CSA
C US

OVERVIEW

Light source	LED
Watts (W)	18-52
Lumen output (lm)	1 800 - 5 000
Efficacy (lm/W)	100-109
Color temperature (K)	2 700, 3 000, 3 500, 4 000, 5 000
CRI	80+, 90+

* Information is subject to change without notice.

ORDERING GUIDE

CYLC	6		L									
Series	Size (in)	Mounting	Lamp Type	Lumen Package (lm) ¹	CRI	Volts (V)	Color temp. (K)	Beam Angle (°)	Luminaire Finish	Inner baffle finish	Lens finish	Option ⁶
CYLC	6 - 6"	C - Surface Ceiling	L - LED	18 - 1 800 25 - 2 500 34 - 3 400 50 - 5 000	80 - 80+ 90 - 90+	A - 120 ⁸ W - 120-277 H - 347	27 - 2 700 30 - 3 000 35 - 3 500 40 - 4 000 50 - 5 000	S - Spot ² N - Narrow flood F - Flood W - Wide	W - White S - Silver B - Black SP - Special color ³	W - White S - Silver B - Black A - Alzak SP - Special color ³	C - Clear lens F - Frosted lens ^{4,5}	DIM2 - Line voltage driver 120V DALI1 - Digital addressable lighting interface driver (available in 120-277 V) ⁷

¹ Lumen packages based on photometry testing with 80 CRI and clear lens. Please consult IES files for photometry data specific to a configuration.

² Spot (S) beam angle is not available with lumen package 50 – 5000.

³ Special color (SP), please consult factory (provide RAL#).

⁴ Lumen decrease of 10% to be expected.

⁵ Frosted lens (F) is not available with the Spot (S) beam angle.

⁶ For more options, please consult factory.

⁷ DALI1 option is not available with lumen package 50 - 5 000.

⁸ DIM2 option is standard for Volts (V) A - 120.

HOUSING FINISH



W - White



B - Black



S - Silver



SP - Special color

BAFFLE FINISH



W - White



B - Black



S - Silver



A - Alzak

LENS FINISH



C - Clear



F - Frosted

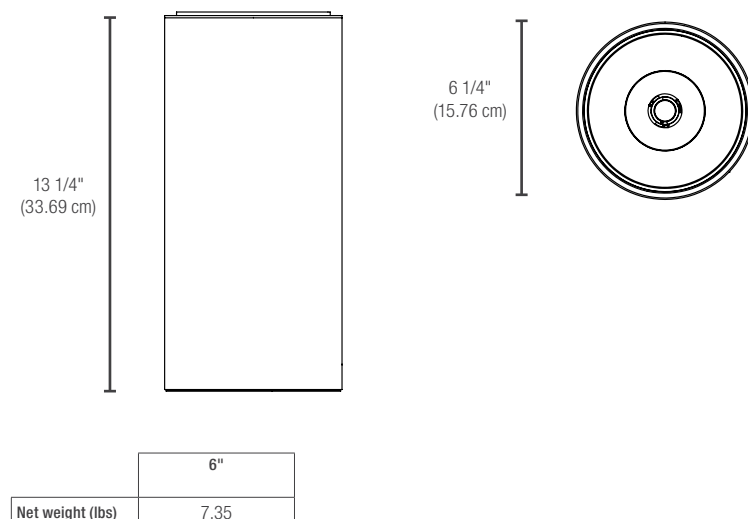
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

DIMMING AND CONTROL OPTIONS¹

OPTIONS	LUMENS			
	1 800 LM	2 500 LM	3 400 LM	5 000 LM
Standard - 0-10 V driver, dims to 1%	✓	✓	✓	✓
DIM2 - Line voltage driver 120 V, dims to 5%	✓	✓	✓	✓
DALI1 - Digital addressable lighting interface, dims to 0.1%	✓	✓	✓	-

¹ Dimmer compatibility might differ based on chosen configuration, consult compatible dimmer list for more details.

DIMENSIONS AND WEIGHTS



MULTIPLIER TABLES

LUMEN OUTPUT MULTIPLIER FOR 1 800 - 2 500 - 3 400 LM

CRI	Color Temp. (K)	Multiplier
80	2 700	0.941
	3 000	1.000
	3 500	1.024
	4 000	1.030
	5 000	1.041
90	2 700	0.776
	3 000	0.812
	3 500	0.841
	4 000	0.859
	5 000	0.900

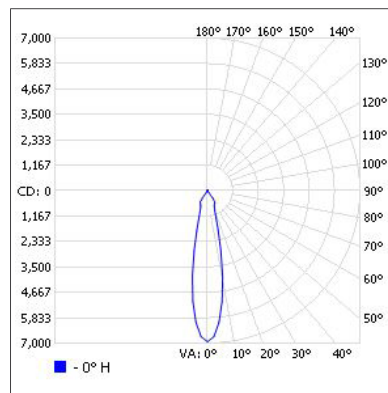
LUMEN OUTPUT MULTIPLIER FOR 5 000 LM

CRI	Color Temp. (K)	Multiplier
80	2 700	0.955
	3 000	1.000
	3 500	1.013
	4 000	1.024
	5 000	1.034
90	2 700	0.824
	3 000	0.879
	3 500	0.897
	4 000	0.933
	5 000	0.929

BAFFLE FINISH MULTIPLIER

Baffle finish	Multiplier
SL - Silver	1.02
WH - White	1.00
BK - Black	0.97
AZ - Alzak	1.09

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

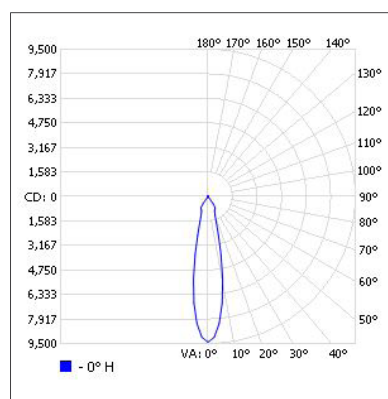
PHOTOMETRIC DATA¹
CYLC-6-XX-L1880XX30-N-XXWC • 1 663.5 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 416.7	85.2
0-40	1 637.3	98.4
0-60	1 655.4	99.5
60-90	8.1	0.5
70-100	4.4	0.3
90-120	0	0
0-90	1 663.5	100
90-180	0	0
0-180	1 663.5	100

Illuminance at a distance

Center beam fc		Beam width
1.7'	2 396	0.7'
3.3'	636	1.3'
5.0'	277	2.0'
6.7'	154	2.6'
8.3'	101	3.3'
10.0'	69.3	3.9'

■ Beam spread : 22.3°

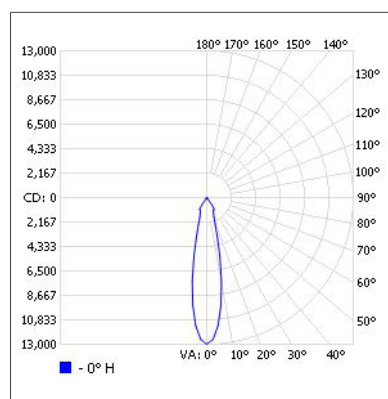
CYLC-6-XX-L2580XX30-N-XXWC • 2 258.2 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 923.2	85.2
0-40	2 222.6	98.4
0-60	2 247.3	99.5
60-90	10.9	0.5
70-100	6.0	0.3
90-120	0	0
0-90	2 258.2	100
90-180	0	0
0-180	2 258.2	100

Illuminance at a distance

Center beam fc		Beam width
1.7'	3 253	0.7'
3.3'	863	1.3'
5.0'	376	2.0'
6.7'	209	2.6'
8.3'	136	3.3'
10.0'	94.0	3.9'

■ Beam spread : 22.3°

CYLC-6-XX-L3480XX30-N-XXWC • 3 116.2 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 653.9	85.2
0-40	3 067.1	98.4
0-60	3 101.1	99.5
60-90	15.1	0.5
70-100	8.3	0.3
90-120	0	0
0-90	3 116.2	100
90-180	0	0
0-180	3 116.2	100

Illuminance at a distance

Center beam fc		Beam width
1.7'	4 489	0.7'
3.3'	1 191	1.3'
5.0'	519	2.0'
6.7'	289	2.6'
8.3'	188	3.3'
10.0'	130	3.9'

■ Beam spread : 22.3°

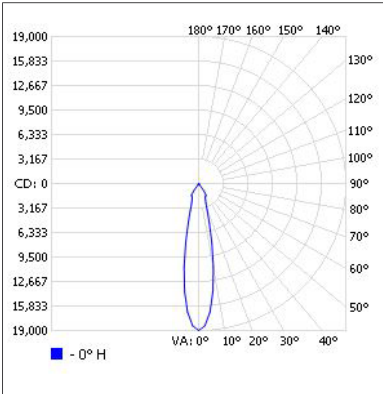
¹ Complete IES files available on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

PHOTOMETRIC DATA¹

CYLC-6-XX-L5080XX30-N-XXWC • 4 558.6 lm


Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	3 882.4	85.2
0-40	4 486.7	98.4
0-60	4 536.6	99.5
60-90	22.1	0.5
70-100	12.2	0.3
90-120	0	0
0-90	4 558.6	100
90-180	0	0
0-180	4 558.6	100

Illuminance at a distance

Center beam fc			Beam width	
1.7'	6 567		0.7'	
3.3'	1 743		1.3'	
5.0'	759		2.0'	
6.7'	423		2.6'	
8.3'	275		3.3'	
10.0'	190		3.9'	
■ Beam spread : 22.3°				

¹ Complete IES files available on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.