CY38 18.5W
LED SORAA PAR38

The CY38 is a flat back cylinder designed for PAR38 LED lamps. The CY38 is ideal for short to medium throw lighting in galleries, museums and retail applications. Equipped with a self-locking yoke and open front for easy re-lamping. Its accessory holder accepts louvers, diffusers and color filters. Available in standard black, white and silver finishes. Custom colors are available by request and at an additional charge.

By utilizing Soraa's Snap System, there are unlimited possibilities for customizing this fixture. Options include the ability to field change the beam angle (Beam Spreader Snap), alter color temperature (CTO Snap), or to add a louver. Color Snaps can be used to produce brilliant hues of any color that Rosco or Lee offer.

The Enhance Lens Snap can increase the vividness of warm colors (including red, orange and pink and greens). Aim Snaps can bend the beam to a maximum deflection angle of 20°. Linear Snap Lenses can alter the beam to act as a wall wash.

Manufactured in the USA - IBEW

PRODUCT LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY

Pb lead-free

RoHS 2002/95/EC
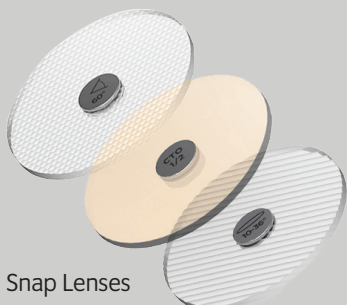
SORAA®
Simply Perfect Light™

Features:

- Performance equivalent to 100W halogen PAR lamp
- Accessory holder
- Numerous mounting options
- Industry leading lumen maintenance and color point stability
- Dimmable

LED

- 10° SORAA lamp included - use snaps to change the beam angle.
- Color temp options: 2700K, 3000K, 4000K
- CRI: 85 or 95
- No UV or IR

Dimming

- Trailing edge (ELV)
- Leading edge (Triac)

Snap Lenses

Lamp Type	Watts	CRI	Lumens*
Brilliant	18.5	85 (R9=0)	1280
Vivid	18.5	95 (R9=95)	1000

Lumens vary depending on color temperature - results for 3000K lamp used above.

Ordering Matrix

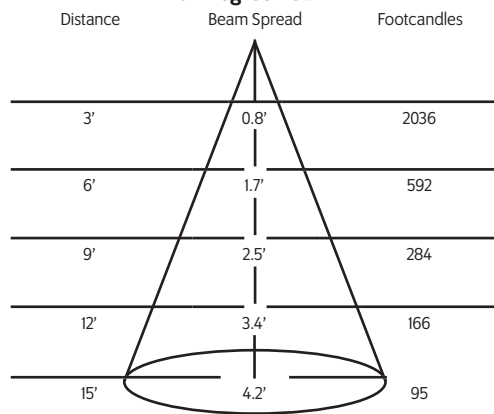| Model	CRI	Color Temperature	Color	Mounting Options	Accessories
CY38	95 85	27 = 2700K 30 = 3000K	B=Black W=White S=Silver CC=Custom Color	See Mounting Options for Ordering Codes	See Accessory Options for Ordering Codes

All fixtures sold with 10° beam angle lamps – use Beam Spreaders to achieve desired angle.
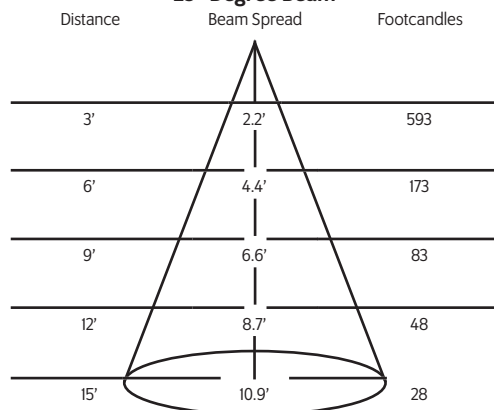
Example: CY38-9527-B-AD1-LV6
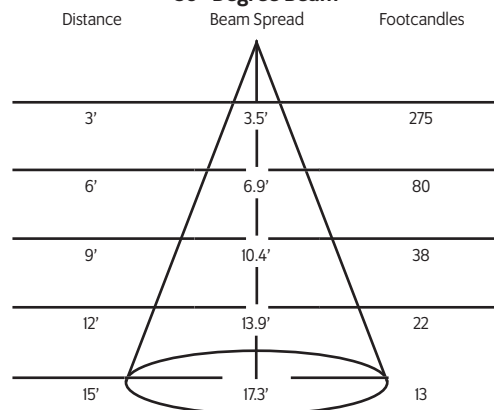
CY38-_____-_____-_____-_____

Photometric Data

9º Degree Beam

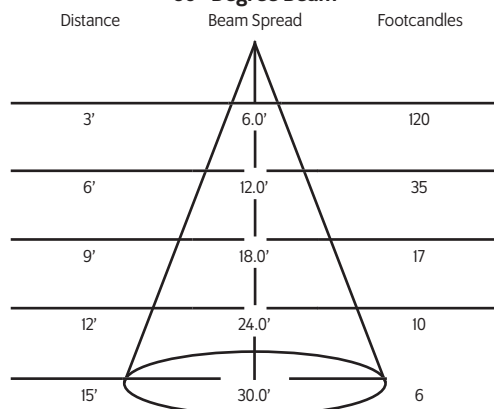| Distance	Beam Spread	Footcandles
3'	0.8'	2036
6'	1.7'	592
9'	2.5'	284
12'	3.4'	166
15'	4.2'	95

25º Degree Beam

Distance	Beam Spread	Footcandles
3'	2.2'	593
6'	4.4'	173
9'	6.6'	83
12'	8.7'	48
15'	10.9'	28

36º Degree Beam

Distance	Beam Spread	Footcandles
3'	3.5'	275
6'	6.9'	80
9'	10.4'	38
12'	13.9'	22
15'	17.3'	13

60º Degree Beam

Distance	Beam Spread	Footcandles
3'	6.0'	120
6'	12.0'	35
9'	18.0'	17
12'	24.0'	10
15'	30.0'	6

*Testing done on 3000K unit: Lumen output changes based on color temperature.*

Mounting Options

AD1 Track Adapter for commercial grade 1-circuit track. 120V. For use with lightweight fixtures.
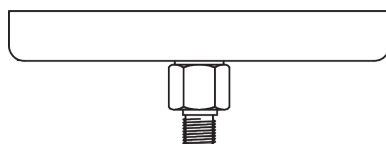
T1 Track adapter for commercial grade 1 & 2 circuit track. 120V. For use with larger, heavier fixtures.

TA2 Track adapter for G-Series specification grade 2-circuit track. 120V.

TA3 Track adapter for G-Series specification grade 3-circuit track. 120V.
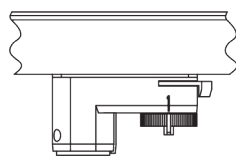
CM4 Canopy mount.
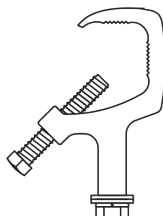
US1 6 5/8" x 1 1/2" Unistrut adapter.

TB8 8" x 8" Portable table base for floor or table use.

MC Light duty pipe clamp for small fixtures. For pipes up to 1 5/16" O.D.

MN Medium duty pipe clamp for small to large fixtures. For pipes up to 2" O.D.

Snap Accessories

01145	25° Beam Spreader Snap
01147	36° Beam Spreader Snap
01149	60° Beam Spreader Snap
01595	10°-36° Linear Snap
03261	10°-60° Linear Snap
01597	36°X36° Flat Top Snap
01151	40° Cutoff Louver
03257	20° Maximum Deflection Snap
01153	¼ Color Temperature Shift Snap
01155	½ Color Temperature Shift Snap
01157	¾ Color Temperature Shift Snap
03283	Enhance Snap
02185-C	Color Snap (Specify Color)

Fixture Accessories

LV7	Louver
XL7	Cross Baffle Louver
BD7	Barndoor
HD7	Hood
XH7	Cross Baffle Hood
CF7	Color Frame
GF7	Glass Color Filter
GF7-600	5º x 50º Linear Lens
GF7-601	Beam Softener
GF7-673	50º x 50º Spread Lens
CC18	Coiled Cord
SC-24	Safety Cable

IES Files

Visit **tslight.com** to find comprehensive IES data.

Connector/Plug Types (Optional)

ED	Edison Connector
TL	Twist Lock Connector
SP	Stage Pin Connector