



Product Features

Crafted with precision and attention to detail, combining a suite of customizable features with our high performing LED modules, the Cylinder series provides brilliant illumination and beautiful design versatile enough for whatever your project’s needs. Powerful Bridgelux light engine available with 2700K, 3000K, 3500K and 4000K CCT, interchangeable baffles available in White, Black, Copper and Chrome finish, 85% of luminous flux after 50,000 hours; cULus listed for damp location.

Technical Specifications

INPUT VOLTAGE	AC120-277V
FREQUENCY	50/60hz
LUMEN	1900 ~ 5400LM
WATTAGE	12 ~ 58W
LPW	100lm/W
COLOR TEMPERATURE	2700K / 3000K / 3500K / 4000K
COLOR RENDERING INDEX	>80 / >90
DISTRIBUTION	15° / 24° / 36° / 60° / 80°
IP RATING	Damp Location
LIFE SPAN	>50,000 Hours
DIMMING	0-10V-10% / 2-in-1: 0-10V 1% Triac Dimming



CYLINDER SERIES | CY

SUBMITTAL WORKSHEET

Order Code Example: Series + Light Engine+ CCT + Distribution + Baffle + Housing Finish + Driver

CY - 4 - 830 - 24 - AGCP - WH - blank

A B C D E F G

A SERIES

CY Cylinder Series

B LIGHT ENGINE (CHOOSE ONE)

CODE		DIMENSION	POWER	LUMEN	LPW
4	QS	ø 3.90" x 4.90"	Field Selectable 12W / 18W / 25W	2,203lm (Avg.)	95
6	QS	ø 5.80" x 5.90"	Field Selectable 20W / 30W / 40W	3,410lm (Avg.)	105
8	QS	ø 7.80" x 7.70"	Field Selectable 29W / 44W / 58W	4,850lm (Avg.)	90

C CCT (CHOOSE ONE)

CODE		CCT
827	QS	80CRI, 2700K
830	QS	80CRI, 3000K
835	QS	80CRI, 3500K
840	QS	80CRI, 4000K
927	QS	90CRI, 2700K
930	QS	90CRI, 3000K
935	QS	90CRI, 3500K
940	QS	90CRI, 4000K

D DISTRIBUTION (CHOOSE ONE)

CODE		DISTRIBUTION	CODE		DISTRIBUTION
15	QS	Narrow - 15°	36	QS	Wide - 36°
24	QS	Medium - 24°	60	QS	Flood - 60°

E BAFFLE* (CHOOSE ONE) *SPEC ON PG 4

WH	QS	Satin White	CP	QS	Satin Copper
BK	QS	Satin Black	CM	QS	Polished Chrome

F HOUSING FINISH (CHOOSE ONE)

BK	QS	Satin Black Finish	CC*	Customized Color Finish
WH	QS	Satin White Finish		

*see Customized Color Chart on pg 3

G DRIVER (CHOOSE ONE)

blank	QS	120-277V Input, 0-10V 10% Dimming Driver
1T	QS	120-277V Input 2-in-1: 0-10V 1% Triac Dimming Driver

CYLINDER SERIES | CY

SUBMITTAL WORKSHEET

Order Code Example: Mounting

QM-REC - blank

H I

Order Code Example: EMB

EMB-H18170

J

H MOUNTING (CHOOSE ONE) *SPEC ON PG 5--6

- QM-REC **QS** Suspension Kit for Recessed J-box (J-box above finished ceiling) Specify Cable length **2FT | 4FT | 8FT | 12FT**
- QM-SM **QS** Suspension Kit for Surface J-box (J-box below finished ceiling) Specify Cable length **2FT | 4FT | 8FT | 12FT**
- STMS-REC **QS** Slope Ceiling Stem Mount Kit for Recessed J-box (J-box above finished ceiling) Specify Stem length **2FT | 4FT | 8FT | 12FT**
- STMS-SM **QS** Slope Ceiling Stem Mount Kit for Surface J-box (J-box below finished ceiling) Specify Stem length **2FT | 4FT | 8FT | 12FT**
- SM-REC **QS** Surface Mount Kit for Recessed J-box (J-box above finished ceiling)
- SM-SM **QS** Surface Mount Kit for Surface J-box (J-box below finished ceiling)

I MOUNTING FINISH (CHOOSE ONE)

- blank Matching Fixture Housing Finish **WH** **QS** Satin White Finish
- BK **QS** Satin Black Finish

J OPTIONS

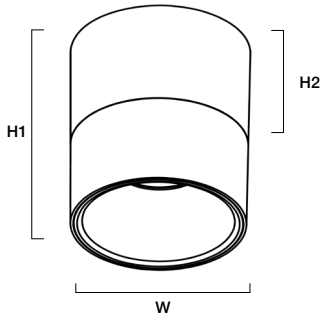
- BAA Assembled in America, Compliant with BAA (COTS)
- EMB-H08170 90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output
- EMB-H18170 90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output

*see page 8 for emb spec

CYLINDER SERIES | CY

DIMENSIONS

CODE	DIMENSION		
	H1	H2	W
CY-4 (Engine w/Baffle)	4.90"	2.60"	ø 3.90"
CY-6 (Engine w/Baffle)	5.90"	3.05"	ø 5.80"
CY-8 (Engine w/Baffle)	7.70"	3.80"	ø 7.80"



CY Light Engine Summary

LED Chip: Bridgelux
Power: CY-4: 12/18/25W | CY-6: 20/30/40W | CY-8: 29/44/58W
Quality: >80CRI | >90 CRI, 3-step SDCM
CCT: 2700K | 3000K | 3500K | 4000K
Input: 120~277V, 50/60Hz
Dimming: 0-10V 10% Dimming | 2-in-1: 0-10V 1% Triac Dimming Driver
Dimmer: Tested with Lutron Diva-DVTV, Leviton IP-710-DL
Power Factor: Greater than 0.9
Ambient Operating Temperature: -20C° to 40°C
Lifetime: 50,000 hours at 70% lumen maintenance
Listing: cULus Damp Location

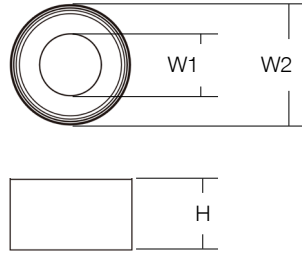
COLOR CHART (CHOOSE ONE)

CC Specify Color Code:
RAL Specify RAL Color:



CYLINDER SERIES | CY

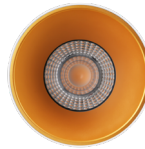
DIMENSIONS - BAFFLES



Housing	H	W1	W2
CY-4	2.30"	ø2.03"	ø3.90"
CY-6	2.85"	ø3.10"	ø5.80"
CY-8	3.90"	ø4.09"	ø7.80"



WH
Satin White



CP
Satin Copper



BK
Satin Black



CM
Polished Chrome

CYLINDER SERIES | CY

DIMENSIONS - QM MOUNT

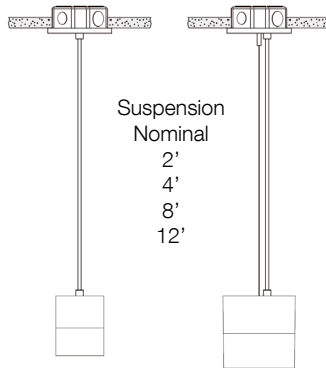
QM-REC - Suspension Kit for Recessed J-box (J-box above finished ceiling)



CY-4

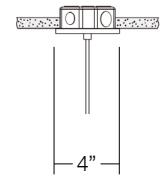


CY-6 / CY-8

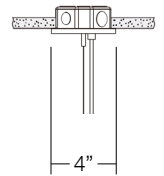


CY-4
Suspended via
Power Cord

CY-6 / CY-8
Suspended via
Aircraft Cable



CY-4
4" Canopy
with Power Cable
(Covers 4O Box)



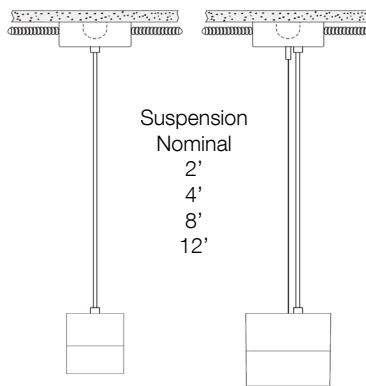
CY-6 / CY-8
4" Canopy
with AC Cable and
Power Cable
(Covers 4O Box)

QM-SM - Suspension Kit for Surface J-box (J-box below finished ceiling)



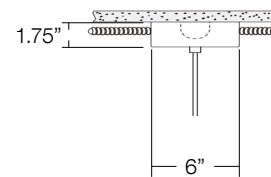
CY-4

CY-6 / CY-8

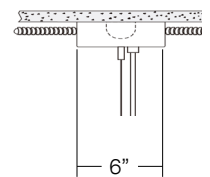


CY-4
Suspended via
Power Cord

CY-6 / CY-8
Suspended via
Aircraft Cable



CY-4
6" Surface Canopy
for Power Cable
(Covers 4O Box)



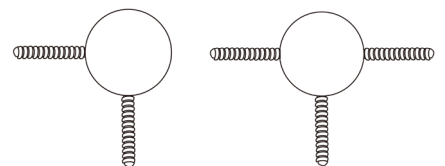
CY-6 / CY-8
6" Surface Canopy
with AC Cable and
Power Cable
(Covers 4O Box)

Surface Conduit Layout



Conduit End

Straight Conduit



"L" Conduit

"T" Conduit

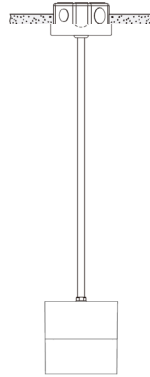
CYLINDER SERIES | CY

DIMENSIONS - STEM MOUNT

STMS-REC - Slope Ceiling Stem Kit for Recessed J-box (J-box above finished ceiling)

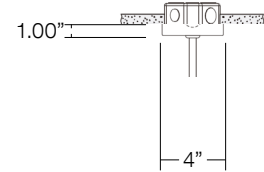


CY-4 / CY-6 / CY-8



Stem
Nominal
2'
4'
8'
12'

CY-4 / CY-6 / CY-8
Suspended via Stem

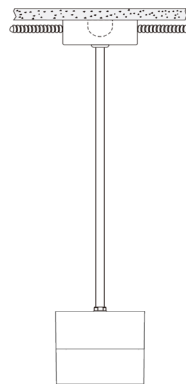


CY-4 / CY-6 / CY-8
4" Canopy
for Stem Mount
(Covers 4O Box)

STMS-SM - Slope Ceiling Stem Kit for Surface J-box (J-box below finished ceiling)

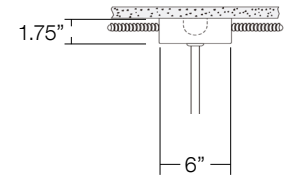


CY-4 / CY-6 / CY-8



Stem
Nominal
2'
4'
8'
12'

CY-4 / CY-6 / CY-8
Suspended via Stem



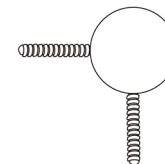
CY-6 / CY-8
6" Surface Canopy
for Stem Mount
(Covers 4O Box)

Surface Conduit Layout

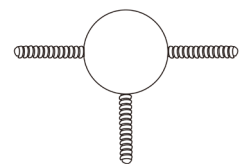


Conduit End

Straight Conduit



"L" Conduit



"T" Conduit

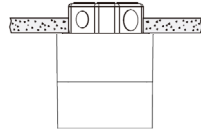
CYLINDER SERIES | CY

DIMENSIONS - SURFACE MOUNT

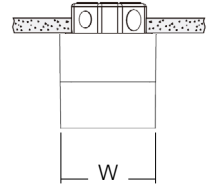
SM-REC - Surface Mount Kit for Recessed J-box (J-box above finished ceiling)



CY-4 / CY-6 / CY-8



CY-4 / CY-6 / CY-8
Surface Mount



CY-4 / CY-6 / CY-8
Surface Mount
(Covers 40 Box)

	W
CY-4	ø 3.90"
CY-6	ø 5.80"
CY-8	ø 7.80"

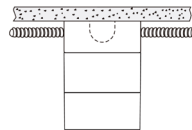
SM-SM - Surface Mount Kit for Surface J-box (J-box below finished ceiling)



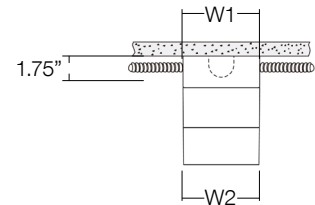
CY-4

CY-6

CY-8



CY-4 / CY-6 / CY-8
Surface Mount



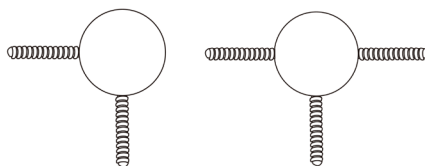
CY-6 / CY-8
6" Surface Canopy
(Covers 40 Box)

Surface Conduit Layout



Conduit End

Straight Conduit



"L" Conduit

"T" Conduit

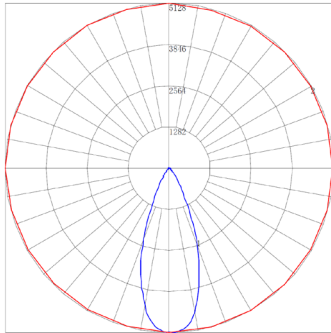
	W1	W2
CY-4	ø 6.00"	ø 3.90"
CY-6	ø 6.00"	ø 5.80"
CY-8	ø 6.00"	ø 7.80"

CYLINDER SERIES | CY

PERFORMANCE

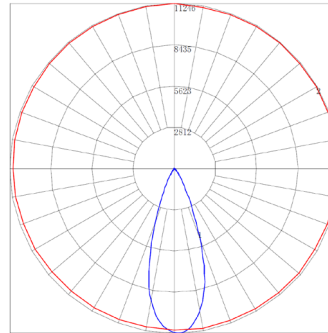
IES: CY-4 @ 25W 90CRI 3000K 36°

IES: CY-6 @ 40W 90CRI 3000K 36°



Zone	Lumen	Luminaire%
0-30	2069	84.70
0-40	2308	94.50
0-60	2399	98.30
0-90	2435	99.70
0-180	2442	100

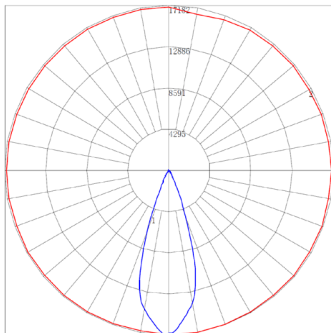
Lumen: 2442
Input Watts: 25.2 W
Efficacy: 97 LPW



Zone	Lumen	Luminaire%
0-30	3942	90.60
0-40	4238	97.4
0-60	4330	99.50
0-90	4340	99.70
0-180	4353	100

Lumen: 4353
Input Watts: 39.4 W
Efficacy: 110 LPW

IES: CY-8 @ 58W 90CRI 3000K 36°

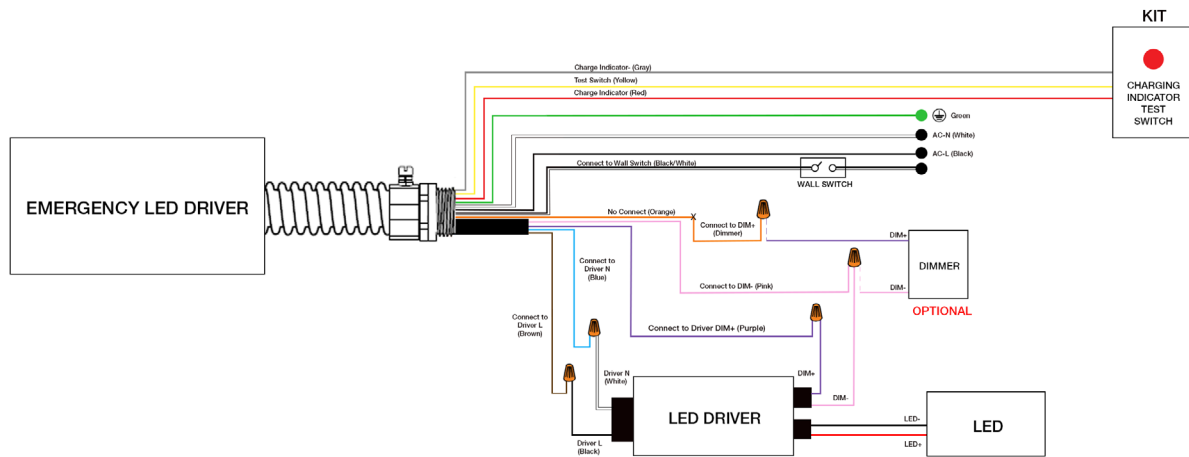


Zone	Lumen	Luminaire%
0-30	5380	93.60
0-40	5608	97.60
0-60	5699	99.20
0-90	5730	99.70
0-180	5746	100

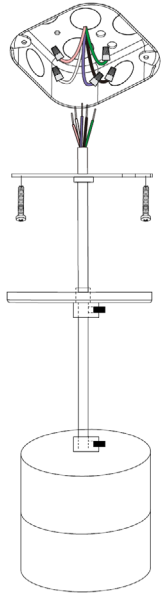
Lumen: 5746
Input Watts: 57.5 W
Efficacy: 100 LPW

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Field Install



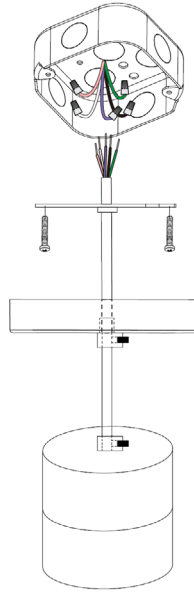
INSTALLATION



QM-REC

For CY-4

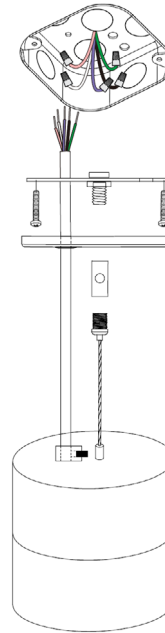
Power Cable Suspension Kit
for Recessed J-box



QM-SM

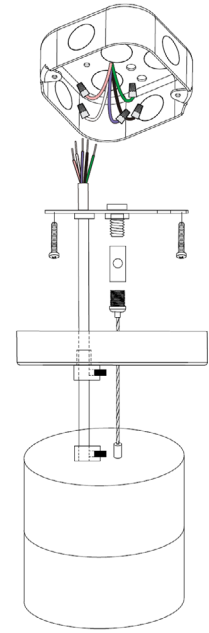
For CY-4

Power Cable Suspension Kit
for Surface J-box



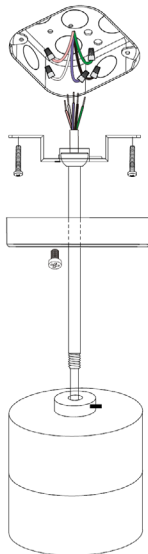
QM-REC

For CY-6 / CY-8
Aircraft Cable Suspension
for Recessed J-box



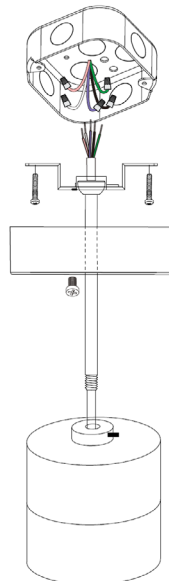
QM-SM

For CY-6 / CY-8
Aircraft Cable Suspension
for Surface J-box



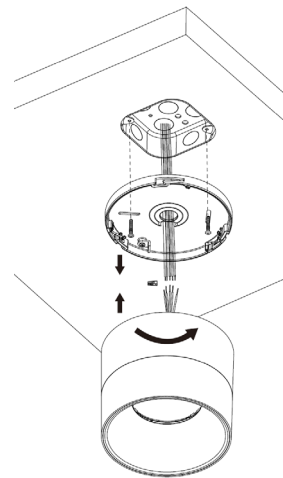
STM-REC

For CY-4 / CY-6 / CY-8
Stem Mount Kit
for Recessed J-box



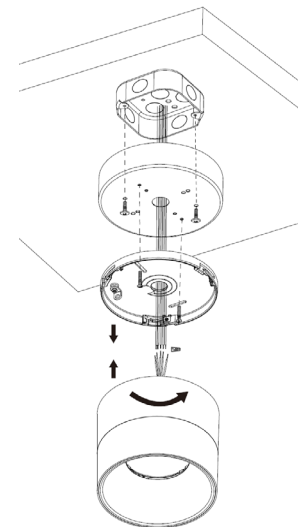
STM-SM

For CY-4 / CY-6 / CY-8
Stem Mount Kit
for Surface J-box



SM-REC

For CY-4 / CY-6 / CY-8
Surface Mount Kit
for Recessed J-box



SM-SM

For CY-4 / CY-6 / CY-8
Surface Mount Kit
for Surface J-box