



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, Gold 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	2584 ~ 6380LM
WATTAGE	Field Selectable 17 ~ 58W
LPW	93lm/W
COLOR TEMPERATURE	2700K / 3000K / 3500K / 4000K
COLOR RENDERING INDEX	>80 / >90
DISTRIBUTION	15° / 24° / 36° / 60°
IP RATING	Damp Location
LIFE SPAN	>50,000 Hours
DIMMING	0-10V-10% / 2-in-1: 0-10V 1% Triac Dimming



CYLINDER SERIES | CY-H

SUBMITTAL WORKSHEET

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

CY - 4H - 830 - 24 - RBK - WH - blank

A B C D E F G

A SERIES

CY Cylinder Series

B LIGHT ENGINE (CHOOSE ONE)

CODE	DIMENSION	POWER	LUMEN	LPW
4H	ø 3.94" x 8.46"	Field Selectable 17W / 26W / 34W	2,996 (Avg.)	88
6H	ø 5.88" x 8.76"	Field Selectable 29W / 44W / 58W	5,662 (Avg.)	98

C CCT (CHOOSE ONE)

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

D DISTRIBUTION (CHOOSE ONE)

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

E BAFFLE/SHADE* (CHOOSE ONE) *SPEC ON PG. 4-5

WH	Satin White	
BK	Satin Black	
GD	Satin Gold	
CM	Polished Chrome	
RBK	Black 13" Shade (CY-4H only)	
RWH	White 13" Shade (CY-4H only)	

F HOUSING FINISH (CHOOSE ONE)

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

*see Customized Color Chart on pg. 4

G DRIVER (CHOOSE ONE)

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



CYLINDER SERIES | CY-H

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

I MOUNTING FINISH (CHOOSE ONE)

blank	Matching Fixture Housing Finish
BK	Satin Black Finish
WH	Satin White 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-H

DIMENSIONS

CODE	DIMENSION		
	H1	H2	W
CY-4H (Engine w/Baffle)	6.19"	2.27"	ø 3.94"
CY-6H (Engine w/Baffle)	5.91"	2.85"	ø 5.88"



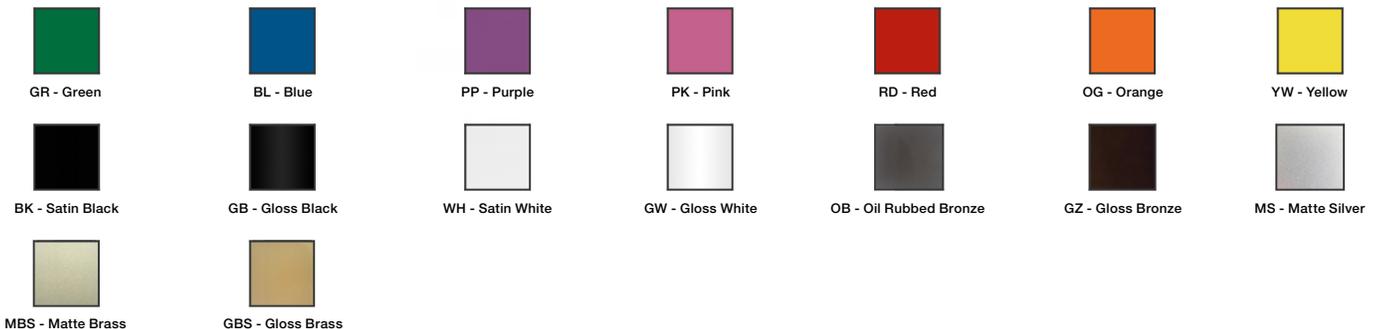
CY Light Engine Summary

LED Chip: Bridgelux
Power: CY-4H: 17/26/34W | CY-6H: 29/44/58W
Quality: >80CRI | >90 CRI
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)

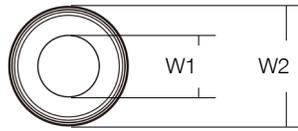
CC
RAL

Specify Color Code:
Specify RAL Color:



CYLINDER SERIES | CY-H

DIMENSIONS - BAFFLES



Housing	H	W1	W2
CY-4H	2.27"	ø2.04"	ø3.94"
CY-6H	2.85"	ø3.14"	ø5.88"



WH
Satin White



GD
Satin Gold



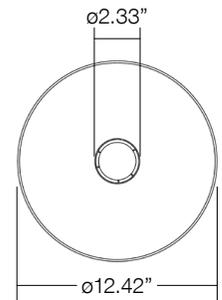
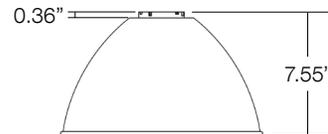
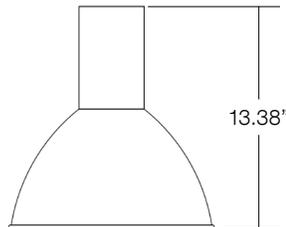
BK
Satin Black



CM
Polished Chrome

Regressed Trim

to use with CY-4H



CYLINDER SERIES | CY-H

DIMENSIONS - QM MOUNT

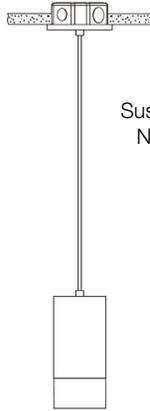
QM-REC - Suspension Kit for Recessed J-box (J-box above finished ceiling)



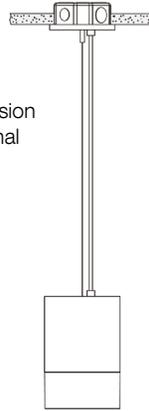
CY-4H



CY-6H

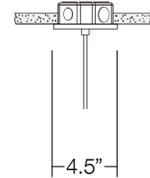


CY-4H
Suspended via
Power Cord

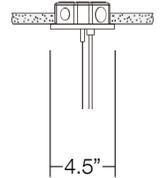


CY-6H
Suspended via
Aircraft Cable

Suspension
Nominal
2'
4'
8'
12'



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



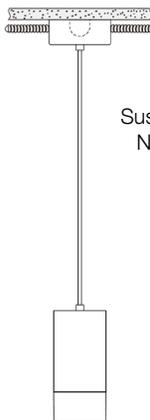
CY-6H
4" Canopy
with AC Cable and
Power Cable
(Covers 4O Box)

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

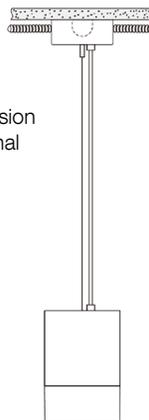


CY-4H

CY-6H

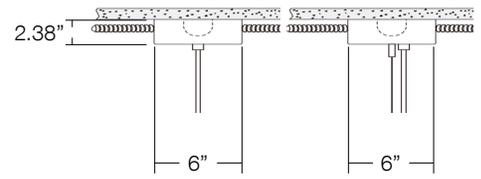


CY-4H
Suspended via
Power Cord



CY-6H
Suspended via
Aircraft Cable

Suspension
Nominal
2'
4'
8'
12'



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

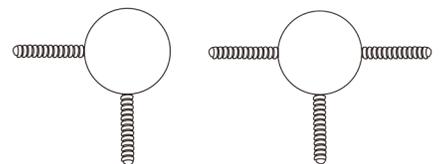
CY-6H
6" Surface Canopy
with AC Cable and
Power Cable
(Covers 4O Box)

Surface Conduit Layout



Conduit End

Straight Conduit



"L" Conduit

"T" Conduit

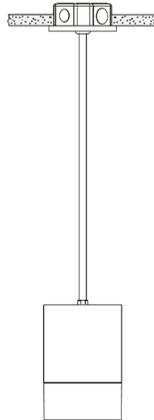
CYLINDER SERIES | CY-H

DIMENSIONS - STEM MOUNT

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

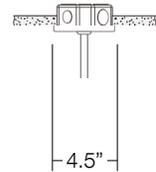


CY-4H / CY-6H



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

Stem
Nominal
2'
4'
8'
12'

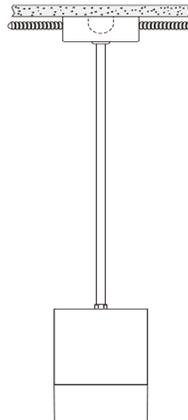


CY-4H / CY-6H
4" Canopy
for Stem Mount
(Covers 4O Box)

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

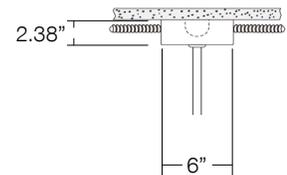


CY-4H / CY-6H



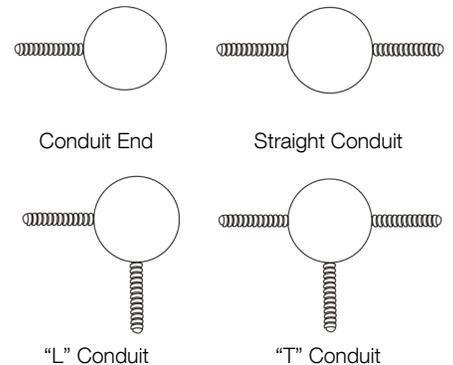
CY-4H / CY-6H
Suspended via Stem

Stem
Nominal
2'
4'
8'
12'



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

Surface Conduit Layout



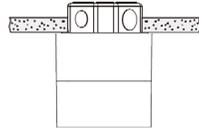
CYLINDER SERIES | CY-H

DIMENSIONS - SURFACE MOUNT

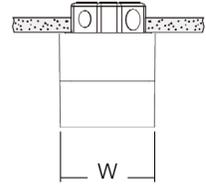
SM-REC - Surface Mount Kit for Recessed J-box (J-box above finished ceiling)



CY-4H / CY-6H



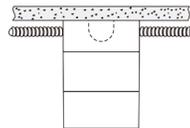
CY-4H / CY-6H
Surface Mount



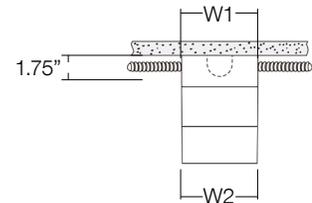
CY-4H / CY-6H
Surface Mount
(Covers 40 Box)

	W
CY-4H	ø 3.90"
CY-6H	ø 5.80"

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



CY-4H / CY-6H
Surface Mount



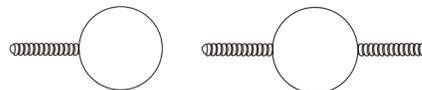
CY-6H
6" Surface Canopy
(Covers 40 Box)

Surface Conduit Layout

	W1	W2
CY-4H	ø 6.00"	ø 3.90"
CY-6H	ø 6.00"	ø 5.80"

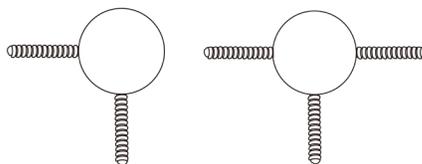
CY-4H

CY-6H



Conduit End

Straight Conduit



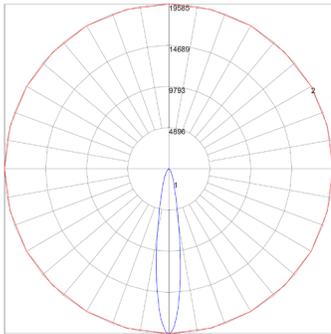
"L" Conduit

"T" Conduit

CYLINDER SERIES | CY-H

PERFORMANCE

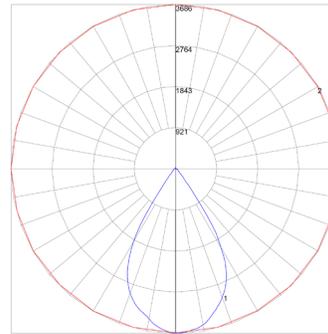
IES: CY-4H @ 34W 90CRI 3000K 15°



Zone	Lumen	Luminaire%
0-30	2709	85.30
0-40	2986	94.00
0-60	3088	97.20
0-90	3136	98.70
0-180	3178	100

Lumen: 3178
Input Watts: 34.3 W
Efficacy: 93 LPW

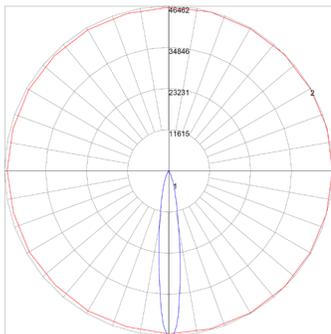
IES: CY-4H @ 34W 90CRI 3000K 60°



Zone	Lumen	Luminaire%
0-30	2432	72.90
0-40	3025	90.70
0-60	3206	96.10
0-90	3291	98.70
0-180	3335	100

Lumen: 3335
Input Watts: 33.9 W
Efficacy: 98 LPW

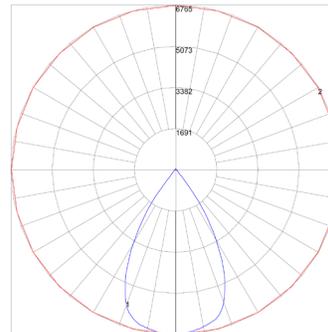
IES: CY-6H @ 58W 90CRI 3000K 15°



Zone	Lumen	Luminaire%
0-30	5487	92.50
0-40	5722	96.40
0-60	5823	98.10
0-90	5855	98.70
0-180	5934	100

Lumen: 5934
Input Watts: 57.9 W
Efficacy: 100 LPW

IES: CY-6H @ 58W 90CRI 3000K 60°



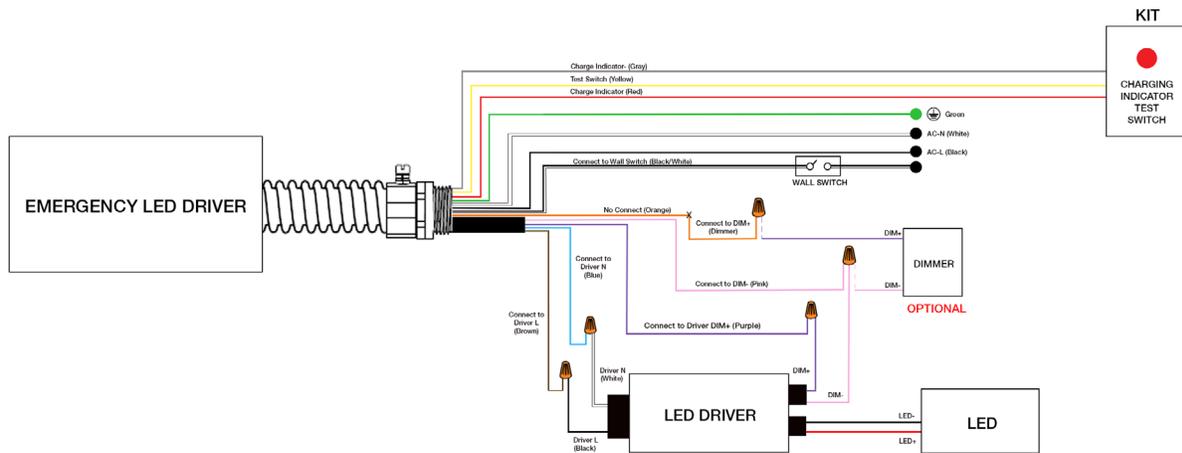
Zone	Lumen	Luminaire%
0-30	4571	73.80
0-40	5752	92.90
0-60	5997	96.80
0-90	6113	98.70
0-180	6194	100

Lumen: 6194
Input Watts: 58.2 W
Efficacy: 106 LPW

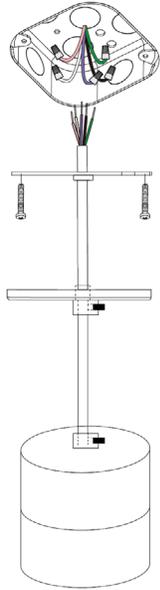
CYLINDER SERIES | CY-H

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



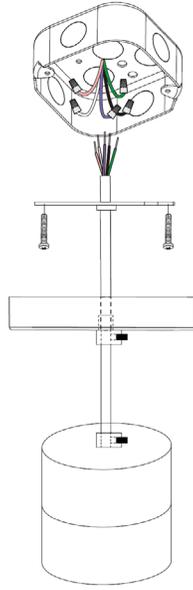
INSTALLATION



QM-REC

For CY-4H

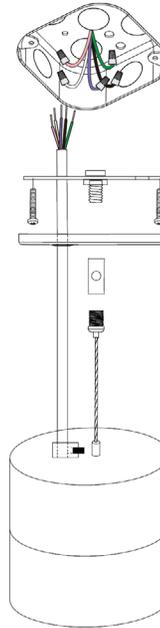
Power Cable Suspension Kit
for Recessed J-box



QM-SM

For CY-4H

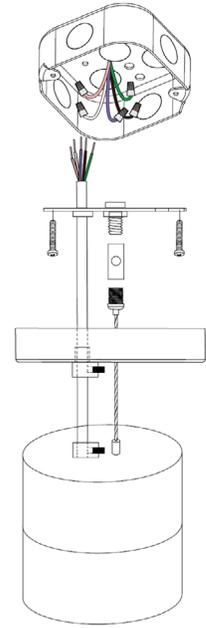
Power Cable Suspension Kit
for Surface J-box



QM-REC

For CY-6H

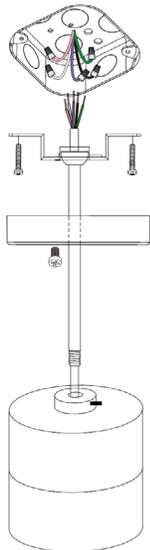
Aircraft Cable Suspension
for Recessed J-box



QM-SM

For CY-6H

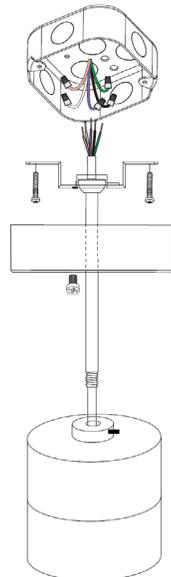
Aircraft Cable Suspension
for Surface J-box



STM-REC

For CY-4H / CY-6H

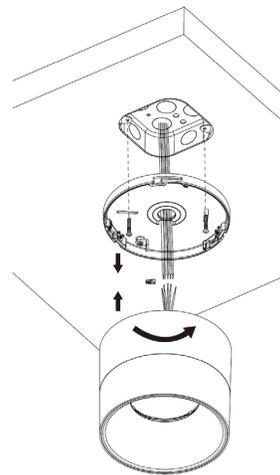
Stem Mount Kit
for Recessed J-box



STM-SM

For CY-4H / CY-6H

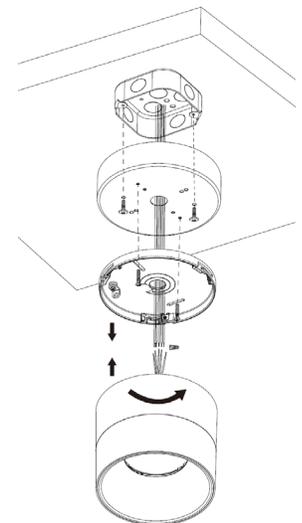
Stem Mount Kit
for Surface J-box



SM-REC

For CY-4H / CY-6H

Surface Mount Kit
for Recessed J-box



SM-SM

For CY-4H / CY-6H

Surface Mount Kit
for Surface J-box