ALLURE ARCHITECTURAL®

CYLINDER SERIES | CY-H

Client:
Project:
Type:
Quantity:





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

c UL us LISTED

PROUDLY ASSEMBLED IN AMERICA

ALLURE ARCHITECTURAL®
14750 East Nelson Ave Unit B
City of Industry, CA 91744
P: 909-598-1077
www.allureltg.com

ALS Advantage Lighting Solutions

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ALLURE® ARCHITECTURAL

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

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ARCHITECTURAL

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**
☐ **STM-REC**	Slope Ceiling Stem Mount Kit for Recessed J-box (J-box above finished ceiling) Specify Stem length **2FT** | **4FT** | **8FT** | **12FT**
☐ **STM-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

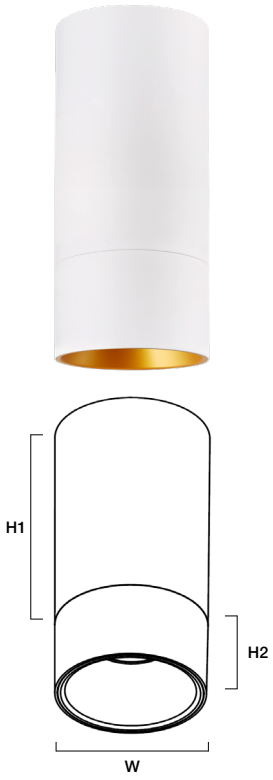
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CYLINDER SERIES | CY-H

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** Specify Color Code:
☐ **RAL** Specify RAL Color:

GR - Green | BL - Blue | PP - Purple | PK - Pink | RD - Red | OG - Orange | YW - Yellow

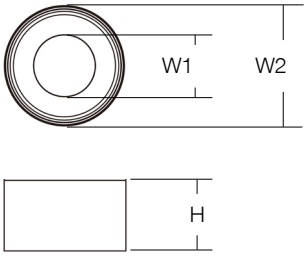
BK - Satin Black | GB - Gloss Black | WH - Satin White | GW - Gloss White | OB - Oil Rubbed Bronze | GZ - Gloss Bronze | MS - Matte Silver

MBS - Matte Brass | GBS - Gloss Brass

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DIMENSIONS - BAFFLES

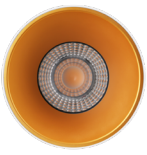




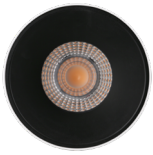
Housing	H	W1	W2
CY-4H	2.27”	ø2.04”	ø3.94”
CY-6H	2.85”	ø3.14”	ø5.88”



WH
Satin White



GD
Satin Gold



BK
Satin Black

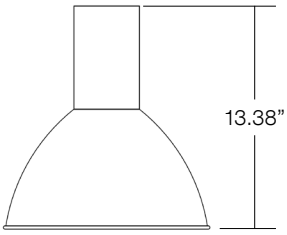


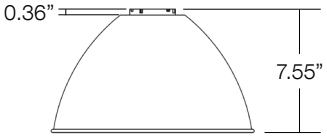
CM
Polished Chrome

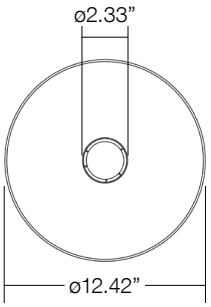
Regressed Trim

to use with CY-4H









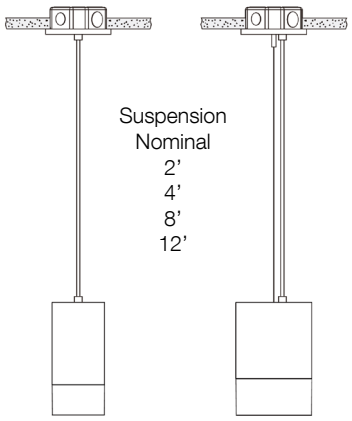
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DIMENSIONS - QM MOUNT

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

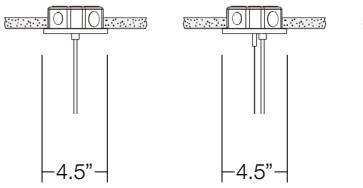


CY-4H **CY-6H**



CY-4H
Suspended via
Power Cord

CY-6H
Suspended via
Aircraft Cable



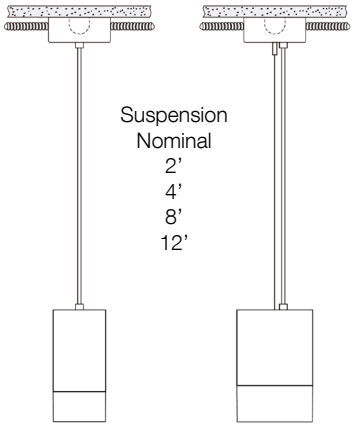
CY-4H
4” Canopy
with Power Cable
(Covers 4O Box)

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)

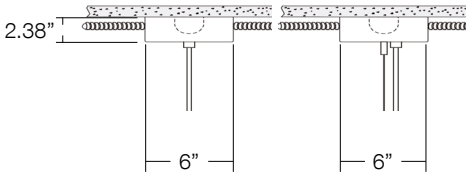


CY-4H **CY-6H**



CY-4H
Suspended via
Power Cord

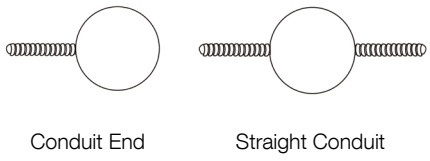
CY-6H
Suspended via
Aircraft Cable



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

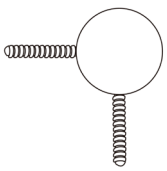
CY-6H
6” Surface Canopy
with AC Cable and
Power Cable
(Covers 4O Box)

Surface Conduit Layout

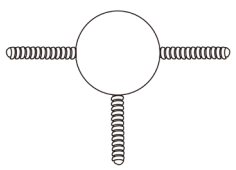


Conduit End

Straight Conduit



“L” Conduit



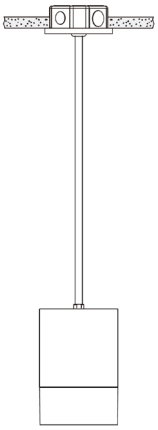
“T” Conduit

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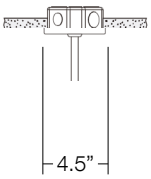
DIMENSIONS - STEM MOUNT

STM-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

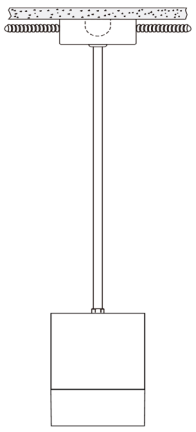


CY-4H / CY-6H
4” Canopy
for Stem Mount
(Covers 4O Box)

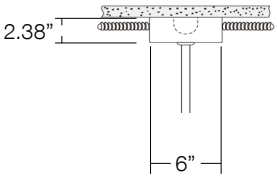
STM-SM - Slope Ceiling Stem Kit for Surface J-box (J-box below finished ceiling)



CY-4H / CY-6H

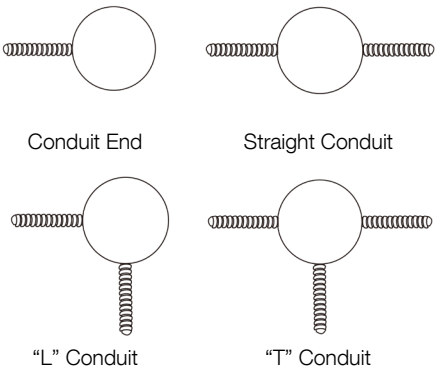


CY-4H / CY-6H
Suspended via Stem



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

Surface Conduit Layout



Conduit End | Straight Conduit

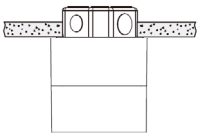
“L” Conduit | “T” Conduit

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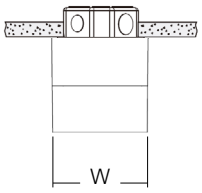
DIMENSIONS - SURFACE MOUNT

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

CY-4H / CY-6H



CY-4H / CY-6H
Surface Mount



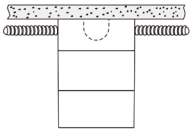
CY-4H / CY-6H
Surface Mount
(Covers 4O Box)

	W
CY-4H	ø 3.90”
CY-6H	ø 5.80”

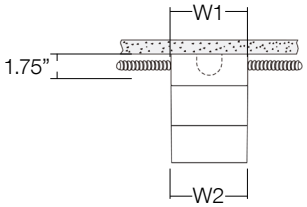
SM-SM - Surface Mount Kit for Surface J-box (J-box below finished ceiling)



CY-4H **CY-6H**



CY-4H / CY-6H
Surface Mount



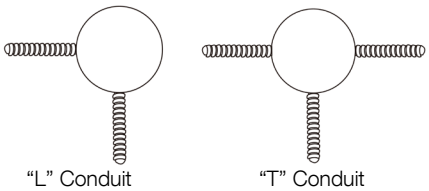
CY-6H
6” Surface Canopy
(Covers 4O Box)

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

Surface Conduit Layout



Conduit End Straight Conduit

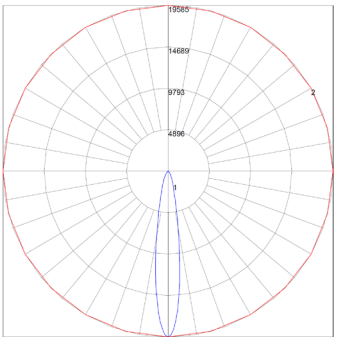


“L” Conduit “T” Conduit

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PERFORMANCE

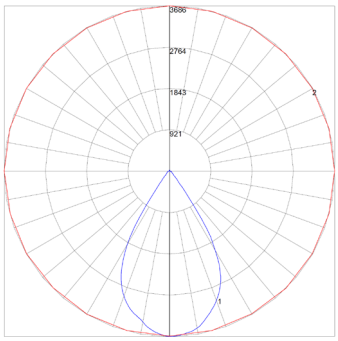
IES: CY-4H @ 34W 90CRI 3000K 15°



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

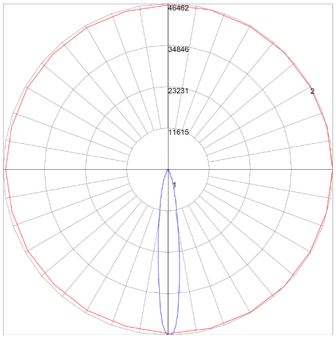
IES: CY-4H @ 34W 90CRI 3000K 60°



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

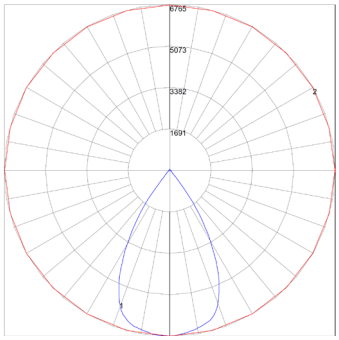
IES: CY-6H @ 58W 90CRI 3000K 15°



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°



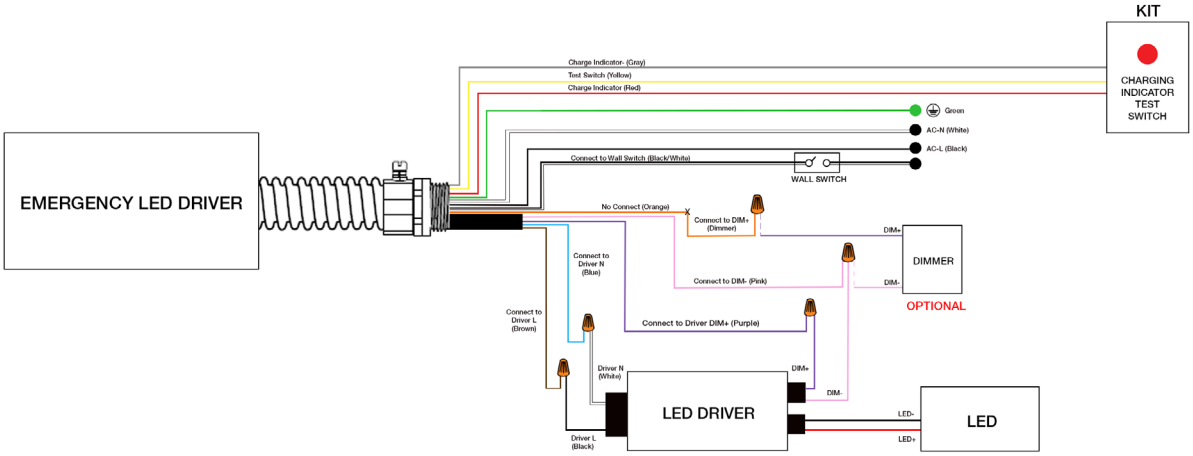
Zone	Lumen	Luminaire%
0-30	4571	73.80
0-40	5752	92.90
0-60	5997	96.80
0-90	6113	98.70
0-180	6194	100

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

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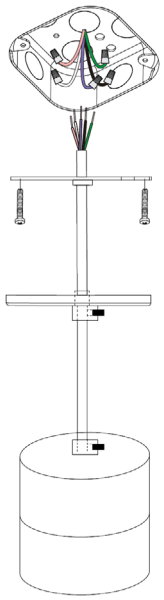
EMB SPEC

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



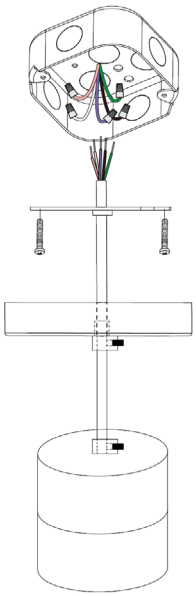
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INSTALLATION



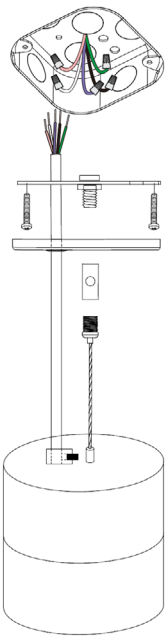
QM-REC

For CY-4H
Power Cable Suspension Kit
for Recessed J-box



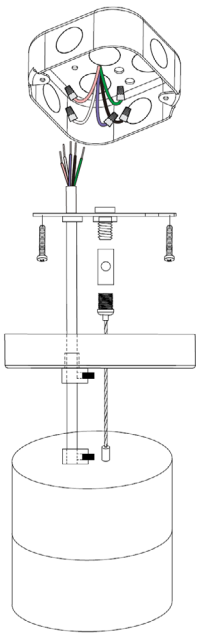
QM-SM

For CY-4H
Power Cable Suspension Kit
for Surface J-box



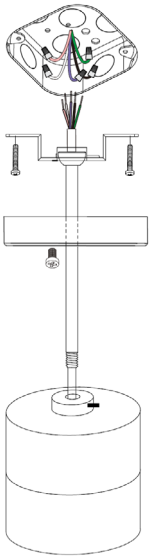
QM-REC

For CY-6H
Aircraft Cable Suspension
for Recessed J-box



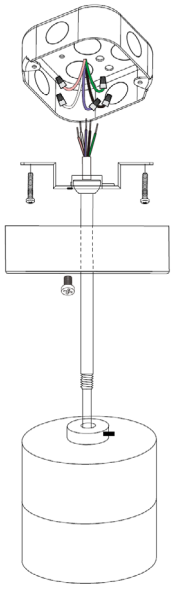
QM-SM

For CY-6H
Aircraft Cable Suspension
for Surface J-box



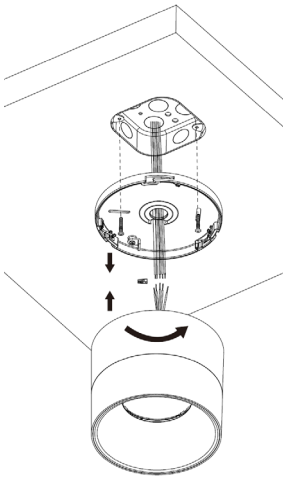
STM-REC

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



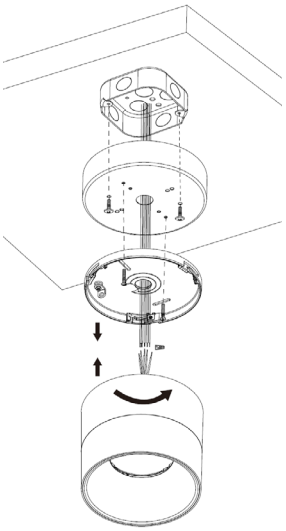
STM-SM

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

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