

CYLINDER CP4 INTERNATIONAL SUSPENDED MOUNT

PROJECT NAME:	TYPE:
---------------	-------



Highlight art, objects, places, spaces, seating areas, and architectural details with a classic profile that offers easy-to-adjust, in-field versatility.

ORDERING INFORMATION

CYLINDER	CABLE	CABLE COLOR	FUNCTION	RATING	CYLINDER FINISH	BAFFLE FINISH	LUMEN PACKAGE	CCT	DOWN OPTIC	DRIVER	EFFECTS DEVICE	MOUNTING
CP4												
CP4 4.90"	096 8 Feet 192 16 Feet	W White B Black	FB Down Only UD Up / Down	1 Dry/Damp (IP30) 2 Wet (IP54)* *(Not available for Up / Down "UD")	WH White BK Black AB Architectural Bronze AG Satin Silver CF Custom Finish* *(Consult Factory)	WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold CF Custom Finish* *(Consult Factory)	STATIC WHITE 80C18B 80+ CRI, Down Dlv. Lumens 1362 Up Dlv. Lumens 1148 80C34B 80+ CRI, Down Dlv. Lumens 2378 Up Dlv. Lumens 1148 90C15B 90+ CRI, Down Dlv. Lumens 1167 Up Dlv. Lumens 1038 90C29B 90+ CRI, Down Dlv. Lumens 2251 Up Dlv. Lumens 1038 ***Disregard Up Light performance figures if "FB" is specified	27 2700K 30 3000K 35 3500K 40 4000K	15 15° 25 25° 40 40° 60 60°	INTEGRAL (220-240V) 2IG 1% 0-10V Analog, LOG* *(Not available for Up / Down "UD") 2IN 1% 0-10V Analog, LIN* *(Not available for Up / Down "UD") REMOTE (220-240V) 2EG eldoLED, SOLOdrive 0.1% 0-10V, LOG 2EN eldoLED, SOLOdrive 0.1% 0-10V, LIN 2ED eldoLED, SOLOdrive 0.1% DALI, LOG *FOR UP / DOWNLIGHT FIXTURES TWO DRIVERS WILL BE PROVIDED, EXCEPT 1ED WILL BE PROVIDED WITH ONE DRIVER. BOTH SOURCES CAN BE CONTROLLED INDEPENDENTLY OR TOGETHER.	STANDARD EFFECTS DEVICE 4 Soft Focus Lens OPTIONAL EFFECTS DEVICE 0 No Lens* *(Not available for IP54 Wet locations) 2 Honeycomb Louver* *(Not available for IP54 Wet locations) 3 Clear Glass Lens 5 Frosted Glass Lens 6 Frosted Soft Focus Lens 7 Frosted Linear Spread Lens *THIS SECTION ONLY PERTAINS TO DOWNLIGHT SOURCE.	EXMP Export Mounting Plate CMJB 1/2" and 3/4" Conduit Ceiling Mount Junction Box* *(Not available for IP54 Wet locations)
	FOR CABLE LENGTHS OVER 16' CONSULT FACTORY. ALL LENGTHS ARE FIELD-CUTTABLE.						TUNABLE WHITE 90T20B 90+ CRI, Down Dlv. Lumens 1874 *(Not available for Up / Down "UD") 90T30B 90+ CRI, Down Dlv. Lumens 2811* *(Not available for Up / Down "UD")	TW 5000K - 2700K		TUNABLE WHITE REMOTE (220-240V) 2DD eldoLED, DUALdrive 0.1% DALI, LOG		



PART NUMBER NOTES

- CP4-FB ships as e.g., CP4192WFB1WHBK80C34B132IG*4
- CP4-UD ships as e.g., CP4096BUD1AGBK90C29B132IG*4
- Downlight remote driver ships as e.g., PSCY4-INT-90C-29B-EG*
- Uplight remote driver ships as e.g., PSCY4-INT-UPLIGHT-EG*
- CMJB ships as CY4-CMJB-(finish)

CYLINDER CP4 INTERNATIONAL SUSPENDED MOUNT

ACCESSORIES

DOWNLIGHT ALTERNATE EFFECTS DEVICES

- HCL-CY4-01** Honeycomb Louver *
*(Not available for Wet location)
- CGL-CY4-01** Clear Glass Lens
- SFL-CY4-01** Soft Focus Lens
- FGL-CY4-01** Frosted Glass Lens
- FSFL-CY4-01** Frosted Soft Focus Lens
- FLSL-CY4-01** Frosted Linear Spread Lens

REPLACEMENT DOWN OPTIC ASSEMBLIES

- RO-90-15** 15° optic
- RO-90-25** 25° optic
- RO-90-40** 40° optic
- RO-90-60** 60° optic

PERFORMANCE - 3000K - SOFT FOCUS LENS

LUMEN PACKAGE	WATTAGE	15° OPTIC (DOWNLIGHT)		25° OPTIC (DOWNLIGHT)		40° OPTIC (DOWNLIGHT)		60° OPTIC (DOWNLIGHT)		UPLIGHT	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80C18B	14	1318	94	1337	95	1362	97	1251	89	1148	82
80C34B	28	2301	82	2335	83	2378	85	2185	78	1148	82
90C15B	14	1129	81	1145	82	1167	83	1072	77	1038	74
90C29B	28	2178	78	2210	79	2251	80	2068	74	1038	74
90T20B	31	1757	57	1805	58	1874	60	1720	55	-	-
90T30B	49	2636	54	2708	55	2811	57	2580	53	-	-

STATIC WHITE OUTPUT MULTIPLIER	
CCT	CCT SCALE
2700K	0.957
3000K	1.000
3500K	1.019
4000K	1.030

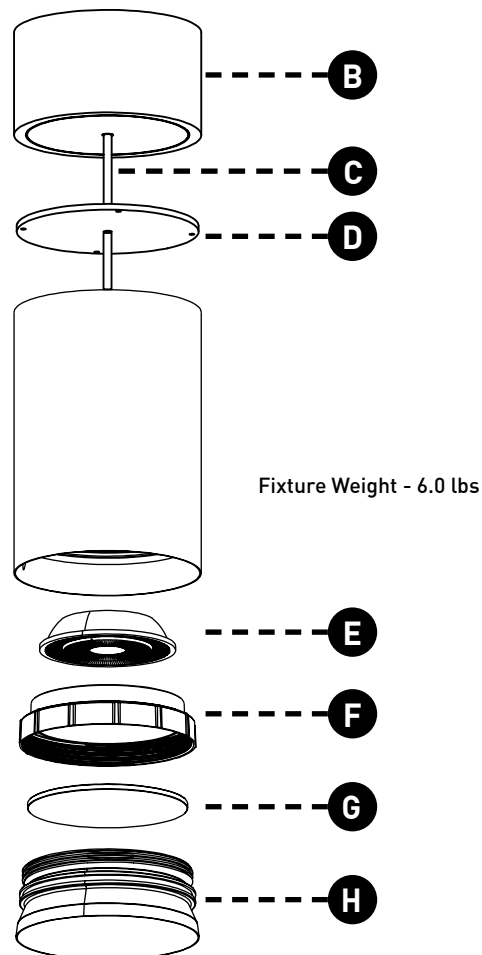
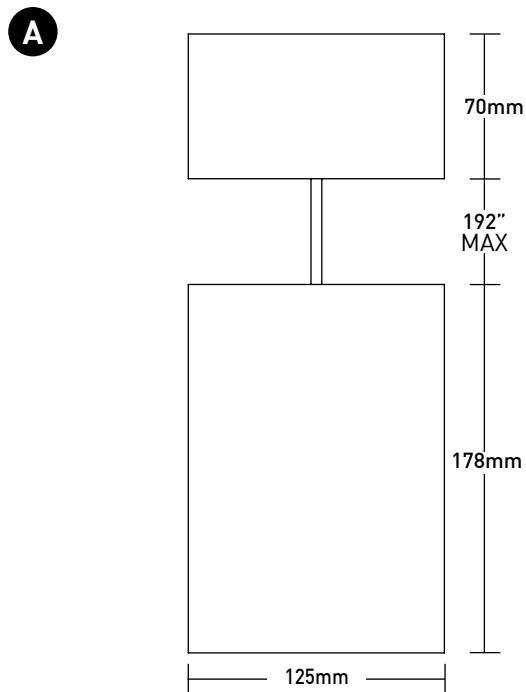
LIGHT LOSS FACTOR MULTIPLIER	
No Lens	1.05
CGL	1.05
SFL	1.00
FGL	0.90
FSFL	0.87
FLSL	0.83
HCL	0.65

CYLINDER CP4 INTERNATIONAL SUSPENDED MOUNT

FIXTURE

- A LUMINAIRE**
Body with integrated heat sink and LED(s).
- B CANOPY**
Die-cast canopy accommodates flat and sloped ceiling conditions. Conceals hidden twist-on mounting hardware. Available with integral or remote driver.
- C CABLE**
Black or White wiring harnesses are available. Available in lengths up to 192" maximum, cable is field cuttable, consult factory for lengths greater than 192".
- D UPLIGHT OPTIC**
120° Spread lens; Uplight only available for Dry/Damp locations.
- E DOWNLIGHT OPTIC**
Field-changeable optics available in 15°, 25°, 40° and 60° beams.
- F LENS RETAINER**
Threaded lens retainer attaches to baffle and accommodates up to two effects devices.
- G DOWNLIGHT EFFECTS DEVICE**
Soft focus lens standard. Effects device is field-changeable in Dry/Damp and Wet locations.
- H BAFFLE**
Die-cast baffle minimizes aperture glare and conceals view into fixture.

DIMENSIONS / DRAWINGS

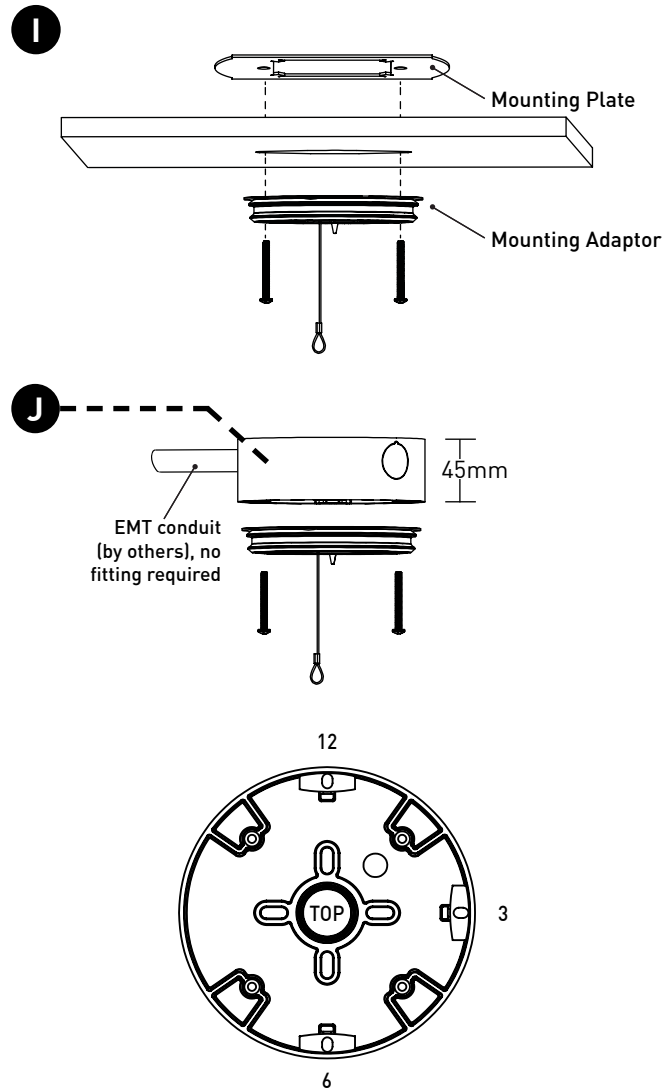


CYLINDER CP4 INTERNATIONAL SUSPENDED MOUNT

MOUNTING

- I MOUNTING ASSEMBLY**
Surface mounted, does not require installation prior to rough-in. Mounting plate sits atop ceiling for attachment of mounting adaptor. Fixture mounts flush with minimalist transition to ceiling.
- J CMJB**
Ceiling mount junction box perfectly matches the cylinder profile for a continuous, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features three conduit entrances at 12, 3, and 6 o'clock plus one conduit knockout on top. Painted finishes only. Blank off plugs included.

DIMENSIONS / DRAWINGS



CYLINDER CP4 INTERNATIONAL SUSPENDED MOUNT

REMOTE POWER SUPPLY

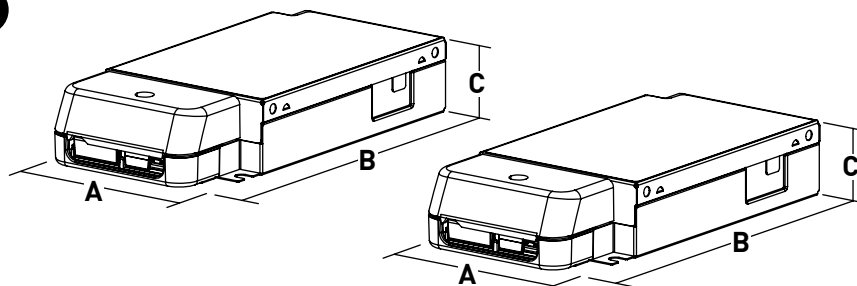
K

PS-RMT

Do not install in environments where ambient temperatures exceed 35°C (95°F). Remote power supply provides additional driver options. Mounting device still required. Consult install guide for maximum allowable secondary run lengths between PS-RMT and fixture.

DIMENSIONS / DRAWINGS

K



POWER SUPPLY DIMENSIONS			
Model	A	B	C
2EG	41mm	210mm	34mm
2EN			
2ED	76mm	152mm	30mm
2DD			

UP / DOWNLIGHT FIXTURE CONTROL INFORMATION

DRIVER	DRIVER QUANTITY	SOURCES DIM INDEPENDENTLY OR TOGETHER	WIRING REQUIREMENTS
2ED	1	X	For independent control, two DALI addresses required.
2EG	2	X	For independent control, two switch-legs and two 0-10V control leads required.
2EN	2	X	For independent control, two switch-legs and two 0-10V control leads required.

CYLINDER CP4 INTERNATIONAL SUSPENDED MOUNT

TECHNICAL

CONSTRUCTION

Cylinder: Machined aluminum body; extruded aluminum internal heat-sink; painted finishes are granulated powder coat.

CMJB: Die-cast aluminum body; painted finishes are granulated powder coat.

Remote Power Supply: Varies. Consult factory for additional information.

LED

Proprietary 2 step MacAdam ellipse LED modules available in 80+ and 90+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

TUNABLE WHITE LED

Proprietary 5-step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning range of 2700K to 5000K.

Average rated lamp life: 50,000 hours. Driver assembly is field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

Power Supply	2IG	2IN	2EG	2EN	2ED	2DD
Minimum °C	-10 °C	-10 °C	-20 °C	-20 °C	-20 °C	-20 °C
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Dimming %	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%

Note: 2EG and 2EN drivers consult chart on page 6 to confirm appropriate dimming curve for compatibility with selected control.

MOUNTING

Cylinder is supplied with a mounting adaptor, which integrates with mounting plate and accommodates ceiling thicknesses of 12mm to 19mm. Ceiling-mount junction box available for 13mm and 19mm conduit and features concealed internal clamps for clean fitting-free conduit exit and entry.

LISTING

CE listed standard for Dry / Damp (IP30) and Wet (IP54) locations.

WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 duv. Warranty period begins from the date of shipment by Seller and conditional upon the use of manufacturer-supplied power supply. Consult [website](#) for full warranty terms and conditions.

CYLINDER CP4 INTERNATIONAL SUSPENDED MOUNT

DIMMING COMPATIBILITY

eldoLED DRIVER COMPATIBILITY

Power supply 1EG / 1EN Dimmer / Switch Control Manufacturer	Family/Model #
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IP710-DLX
Lightolier Controls	ZP600FAM120
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DVTV
Lutron Electronics	Nova® - NFTV
Merten	5729
Pass & Seymour	CD4FB-W
The Watt Stopper	DCLV1
Sensor Switch	nI0 EZ
Synergy	ISD BC
Power supply 1EG / 1EN Lighting Control Systems Manufacturer	Family/Model #
Lutron Electronics	GrafixEye® GRX-TVI w GRX3503
Lutron Electronics	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics	TVM2 Module
Crestron®	GLX-DIMFLV8
Crestron®	GLXP-DIMFLV8
Crestron®	GLPAC-DIMFLV4-*
Crestron®	GLPAC-DIMFLV8-*
Crestron®	GLPP-DIMFLVEX-PM
Crestron®	GLPP-1DIMFLV2EX-PM
Crestron®	GLPP-1DIMFLV3EX-PM
Crestron®	DIN-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
ABB	SD/S 2.16.1