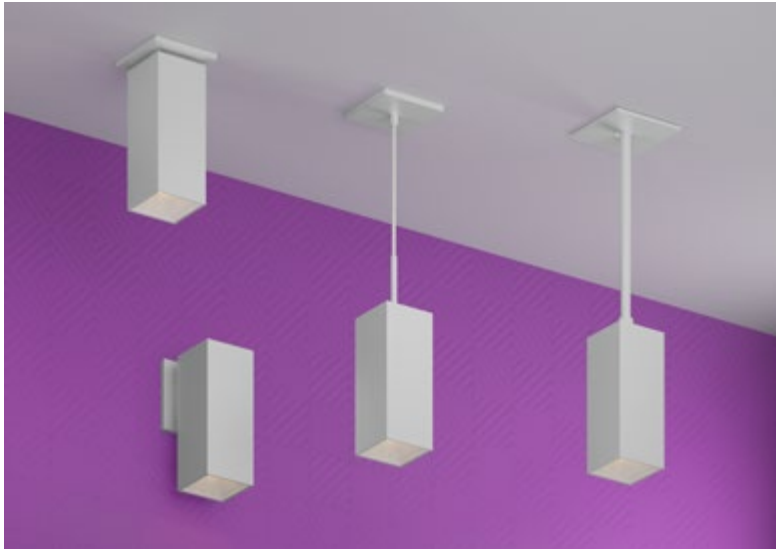


alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BETA 3

3" Square Standard White Wall Wash



WW BEAM		
(Note: Specifications are subject to change without notice)		
10mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	970LM @30K/80CRI	9W
15LM	1360LM @30K/80CRI	12W
20LM	1630LM @30K/80CRI	17W
10LM	740LM @30K/90CRI	9W
15LM	1160LM @30K/90CRI	13W
20LM	1380LM @30K/90CRI	17W
Notes	Delivered lumens based on WW optic (see page 2)	



CASAMBI

FEATURES

- Seamless extrusion with powder coated finish for clean aesthetics
- Thermally optimized for longevity
- 50° x 30° Wall Wash beam spread
- UGR < 19
- Micro slim canopy options at 1/4"-3/8" depth plus 1/2" diameter stem.
- Multiple mounting, glare control options and finishes available

DIMMING AND CONTROLS

- Flicker free 0-10V dimming to 1%
- Leading & trailing edge (Triac/ELV) dimming to 1%
- Lutron Hi-lume 2-Wire (Eco System) dimming to 0.1%
- Casambi bluetooth dimming to 1%

CONSTRUCTION

- Extruded aluminum housing
- Lexan™ (PC) Optimal connectivity for wireless control signal
- Machined aluminum canopy
- SVT pendant cord

LED

- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs

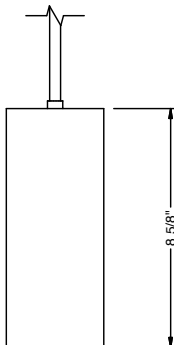
LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- Suitable for dry and damp locations
- 5 Year Limited warranty

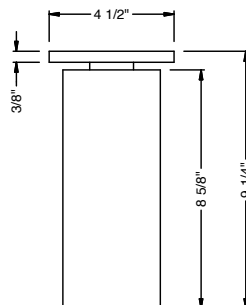
ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7 W, 10W (T20 CEC) and 12W EM 90min battery
- Low Voltage Luminaire option, see page 6.

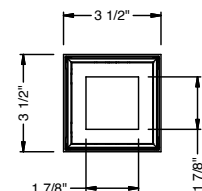
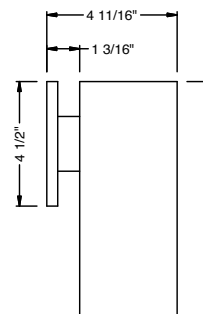
PENDANT



SURFACE MOUNT



WALL MOUNT



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

ORDERING CODE	
SERIES	BETA cylinder series
TYPE	3Q 3" square
LED	SW standard white
DELIVERED LUMENS	10LM 970 lm
	15LM 1360 lm
	20LM 1630 lm
Standard Configuration: 3000K 80CRI WW Optic	
Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	27K 2700K
	30K 3000K
	35K 3500K
	40K 4000K
CRI	80 80 CRI
	90 90 CRI
OPTIC & LM MULTIPLIER SEE PAGE 3	WW wall wash with diffused angle bending lens
FINISH SEE PAGE 2	BK black
	WH white
BEZEL COLOR SEE PAGE 2	MC matte chrome
	CC ¹ custom color, consult factory for details
	BK black (0.98)
	WH white (1.00)
BEZEL COLOR SEE PAGE 2	MC matte chrome (0.99)
	BZ bronze (0.98)
	WT wheat (0.99)
	CC ¹ custom color, consult factory for details
Antimicrobial finish, add AM to black, white or matte chrome i.e. BKAM.	

ORDERING CODE	
MOUNTING OPTIONS SEE PAGE 5	W wall mount
	S surface mount
	JCOV-S conduit junction box cover with knockouts, surface
	P pendant, 108" flexible cord
	RP rigid pendant 4' stem with swivel stem/canopy
	RP5 rigid pendant 5' stem with swivel stem/canopy
	RP6 rigid pendant 6' stem with swivel stem/canopy
	RP8 rigid pendant 8' stem with swivel stem/canopy
	RP10 rigid pendant 10' stem with swivel stem/canopy
	RPF2 rigid pendant 2' with fixed stem/canopy, not field cuttable
	RPF3 rigid pendant 3' with fixed stem/canopy, not field cuttable
	RPF4 rigid pendant 4' with fixed stem/canopy, not field cuttable
RPF6 rigid pendant 6' with fixed stem/canopy, not field cuttable	
JCOV-XX ² conduit junction box cover with knockouts, complete XX code with desired pendant mount	
VOLTAGE	UNV 120V-277V
	120 120V
	LVL ³ low voltage luminaire
DIMMING	DIM10 0-10V dimming to 1%
	LUTP Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
	ELV1 ⁴ leading & trailing edge (Triac/ELV) dimming to 1%
	CAS Casambi Bluetooth control with flicker free 1% dimming
	ND No Driver Included. Customer to Supply PoE system components or order remote driver separately. Refer to POE/Remote Driver reference sheet for additional details.
ELECTRICAL OPTIONS	EM7 remote emergency battery backup, 90 minutes at 7 watts to LED
	EM12 remote emergency battery backup, 90 minutes at 12 watts to LED
	EM10CA20 remote emergency battery backup, 90 minutes at 10W to LED, CA title 20

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
BETA - 3Q - SW - 15LM - 35K - 80 - WW - WH - WH - P - UNV - DIM10 - EM7

NOTES

1. Custom set up fee plus minimum quantity required per color.
2. JCOV available with round canopy. Not available in RP.
3. Must select ND dimming code, for remote driver or POE specifications see page 5.
4. ELV1 available in 120V.

*Slim canopy with rigid stem connection shall be used in jurisdictions that DO NOT require light fixtures to freely swing in lateral directions, complying with local and national building codes.

*RP mounting with swivel is recommended to be installed on a 4in square or 4in deep regress 2-1/8" octagonal junction box.

BEZEL OPTIONS

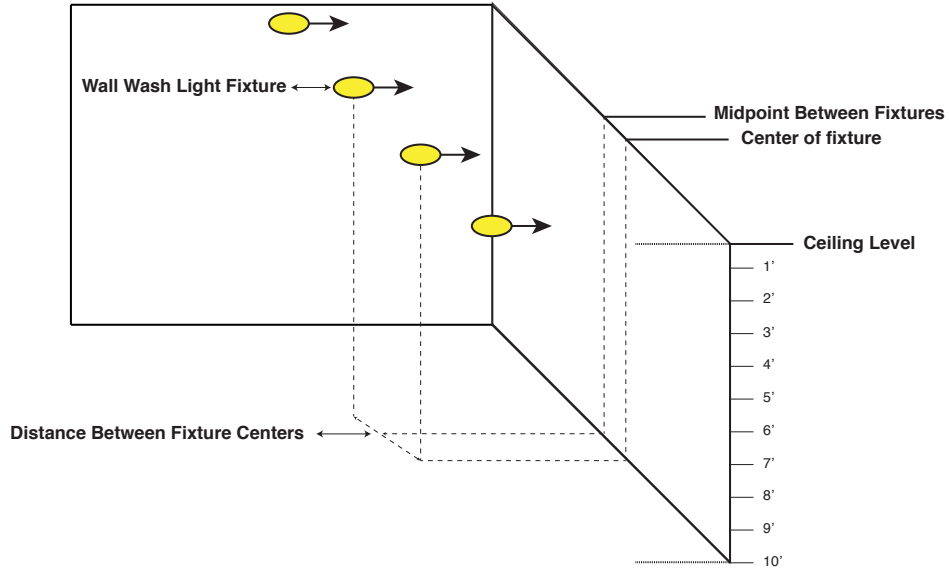
BEZEL COLORS



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

PHOTOMETRIC DATA DIAGRAM



PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 20LM 80CRI 3000K

MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
12.3	16.9	6.7	7.2	7.4	5.2	5	4.4	3.4	2.4	2.5	1.9	1.8	1.5	1	1	0.8	0.9	0.3
45	42.6	20.6	22.3	23.1	16	15.9	13.1	11	7.2	7.4	5.7	5.6	4.6	3.1	6.9	6.7	5.3	3.8
49.5	38.4	35.2	44.6	42.1	27.3	32.2	22.2	25.8	12.9	13.5	10.1	10.5	7.6	6.1	11.1	11	8.2	6.7
34.1	24.9	26.9	46.4	47.9	33.8	33.6	24.1	27.1	21.7	21.9	15.3	18.1	11.7	11.3	12.4	12.4	8.9	8
23.3	17.7	18.7	35.9	37.9	27.9	26.7	20.5	21.6	25.3	24.7	19.1	19.8	13.1	13.9	11.6	11.7	8.3	7.8
16.9	13.3	13.2	26.9	27.9	21.2	21.4	16.9	16.6	21.4	22.1	17.6	16.9	11.1	12.4	10.1	10.3	7.3	7
12.6	9.9	9.7	19.9	20.4	16	16.8	13.3	12.9	17.5	18.4	14.7	14.2	9.5	10.4	8.4	8.6	6.1	6
9.4	7.5	7.5	14.7	15.1	12.3	12.9	10.3	10.4	14.2	14.9	11.9	12	8.3	8.5	6.9	7	5.1	5.1
7.1	5.7	5.9	11.1	11.3	9.6	10	8.1	8.3	11.4	11.9	9.7	10.1	7.2	7	5.6	5.7	4.2	4.2
5.4	4.5	4.7	8.5	8.7	7.5	7.8	6.4	6.7	9.2	9.5	7.9	8.3	6	5.8	4.6	4.7	3.5	3.5

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

PHOTOMETRIC DATA CHARTS

FOOT CANDLE MEASUREMENT

STANDARD WHITE WALL WASH 15LM 80CRI 3000K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
10.3	14.1	5.6	6	6.2	4.4	4.2	3.7	2.9	2	2.1	1.6	1.5	1.3	0.9	0.6	0.4	0.5	0.2
37.7	35.6	17.3	18.7	19.4	13.4	13.3	10.9	9.2	6.1	6.2	4.8	4.7	3.8	2.6	3.8	3.7	2.9	2.1
41.5	32.1	29.5	37.3	35.2	22.8	27	18.6	21.6	10.8	11.3	8.4	8.8	6.4	5.1	6.1	6.1	4.5	3.7
28.6	20.8	22.5	38.8	40.1	28.3	28.1	20.2	22.7	18.2	18.4	12.8	15.2	9.8	9.4	6.8	6.8	4.9	4.4
19.5	14.8	15.6	30	31.7	23.3	22.3	17.1	18	21.2	20.7	16	16.6	11	11.6	6.4	6.4	4.6	4.3
14.1	11.1	11.1	22.5	23.4	17.7	17.9	14.1	13.9	17.9	18.5	14.7	14.1	9.3	10.4	5.6	5.7	4	3.9
10.5	8.3	8.1	16.6	17.1	13.4	14	11.1	10.8	14.6	15.4	12.3	11.9	8	8.7	4.6	4.7	3.4	3.3
7.8	6.2	6.3	12.3	12.6	10.3	10.8	8.6	8.7	11.9	12.4	10	10.1	7	7.1	3.8	3.9	2.8	2.8
5.9	4.8	4.9	9.3	9.5	8	8.3	6.7	7	9.6	9.9	8.1	8.4	6	5.9	3.1	3.1	2.3	2.3
4.5	3.7	3.9	7.1	7.3	6.3	6.5	5.4	5.6	7.7	7.9	6.6	6.9	5	4.9	2.5	2.6	1.9	1.9

STANDARD WHITE WALL WASH 10LM 80CRI 3000K																		
MOUNTING DISTANCE	2' FROM WALL						3' FROM WALL						4' FROM WALL					
FIXTURE SPACING	2' ON CENTER		3' ON CENTER		4' ON CENTER		2' ON CENTER		3' ON CENTER		4' ON CENTER		3' ON CENTER		4' ON CENTER		6' ON CENTER	
DISTANCE FROM CEILING	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT	CENTER	MID POINT
10.3	14.1	5.6	6	6.2	4.4	4.2	3.7	2.9	2	2.1	1.6	1.5	1.3	0.9	0.6	0.4	0.5	0.2
37.7	35.6	17.3	18.7	19.4	13.4	13.3	10.9	9.2	6.1	6.2	4.8	4.7	3.8	2.6	3.8	3.7	2.9	2.1
41.5	32.1	29.5	37.3	35.2	22.8	27	18.6	21.6	10.8	11.3	8.4	8.8	6.4	5.1	6.1	6.1	4.5	3.7
28.6	20.8	22.5	38.8	40.1	28.3	28.1	20.2	22.7	18.2	18.4	12.8	15.2	9.8	9.4	6.8	6.8	4.9	4.4
19.5	14.8	15.6	30	31.7	23.3	22.3	17.1	18	21.2	20.7	16	16.6	11	11.6	6.4	6.4	4.6	4.3
14.1	11.1	11.1	22.5	23.4	17.7	17.9	14.1	13.9	17.9	18.5	14.7	14.1	9.3	10.4	5.6	5.7	4	3.9
10.5	8.3	8.1	16.6	17.1	13.4	14	11.1	10.8	14.6	15.4	12.3	11.9	8	8.7	4.6	4.7	3.4	3.3
7.8	6.2	6.3	12.3	12.6	10.3	10.8	8.6	8.7	11.9	12.4	10	10.1	7	7.1	3.8	3.9	2.8	2.8
5.9	4.8	4.9	9.3	9.5	8	8.3	6.7	7	9.6	9.9	8.1	8.4	6	5.9	3.1	3.1	2.3	2.3
4.5	3.7	3.9	7.1	7.3	6.3	6.5	5.4	5.6	7.7	7.9	6.6	6.9	5	4.9	2.5	2.6	1.9	1.9

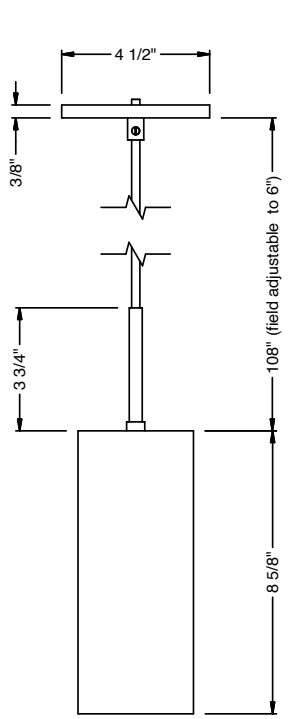
NOTE

1. Performance based on typical reflectance values and room dimensions. IES files available at ledbrands.com

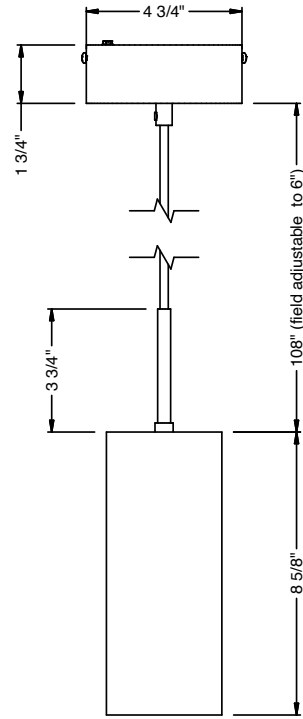
alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

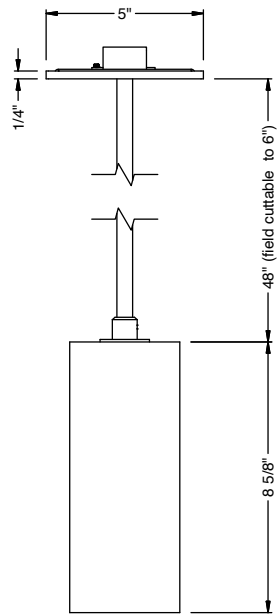
MOUNTING OPTIONS



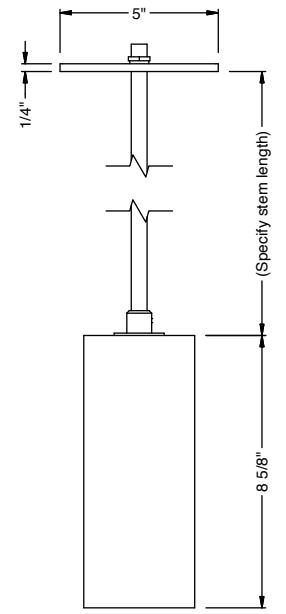
PENDANT
ELV1 / CAS / ND



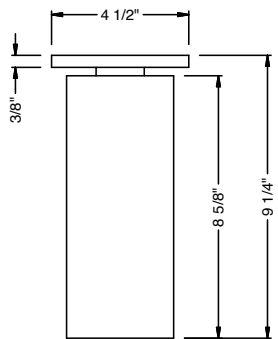
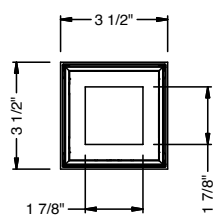
PENDANT
DIM10 / LUTP



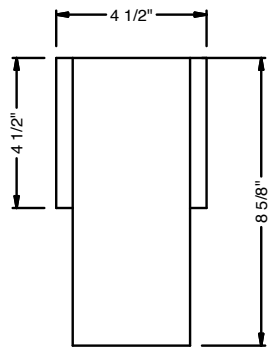
RP SWIVEL
DIM10 / ELV1 / CAS / LUTP / ND



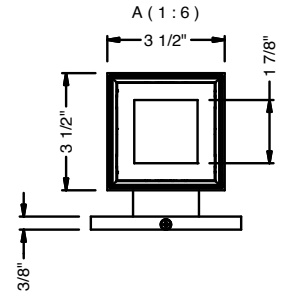
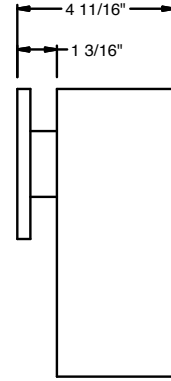
RPF FIXED
DIM10 / ELV1 / CAS / LUTP / ND



SURFACE MOUNT
DIM10 / ELV1 / CAS / LUTP / ND



WALL MOUNT
DIM10 / ELV1 / CAS / LUTP / ND



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

LOW VOLTAGE OPTIONS

WW BEAM

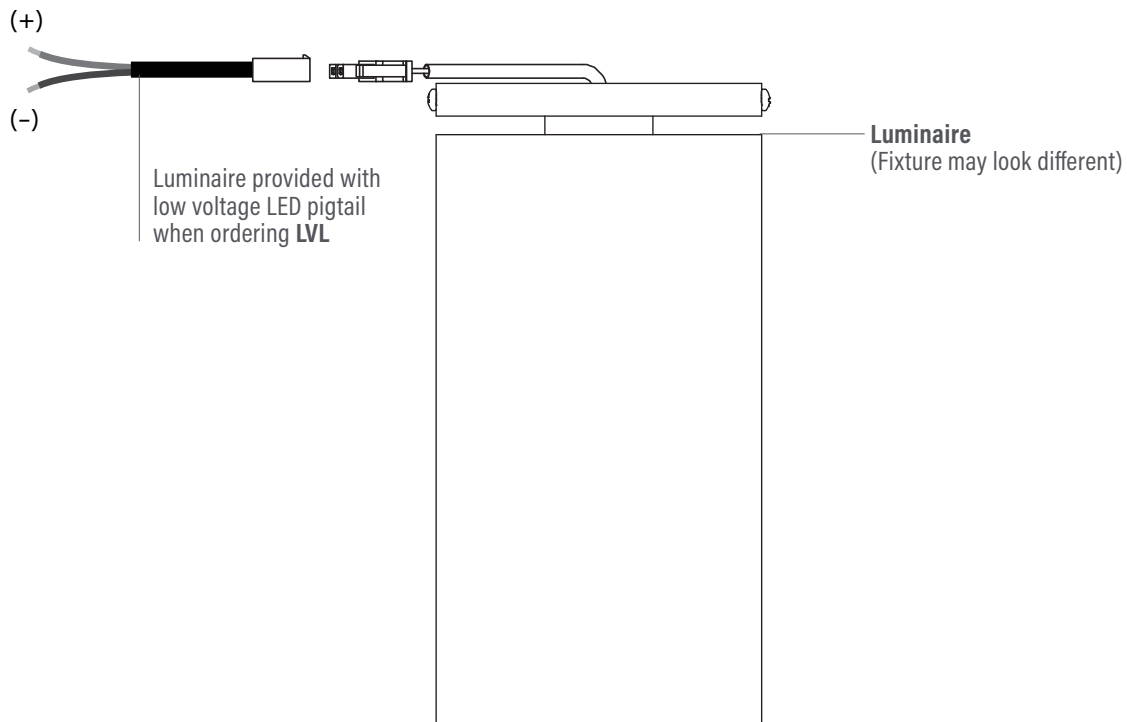
(Note: Specifications are subject to change without notice)

10mm COB PERFORMANCE DATA

LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	DRIVE CURRENT	LED WATTAGE
10LM	970LM @30K/80CRI	250mA	9W
15LM	1360LM @30K/80CRI	325mA	12W
20LM	1630LM @30K/80CRI	400mA	14.5W
10LM	740LM @30K/90CRI	250mA	9W
15LM	1160LM @30K/90CRI	325mA	12W
20LM	1380LM @30K/90CRI	400mA	14.5W
Notes	Delivered lumens based on WW optic no lens, (see page 2)		

NOMINAL LED VOLTAGE: 36VDC

Customer to order CC Remote Driver separately or POE Node by others.



PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BATTERY OPTIONS

EMERGENCY BATTERY

IOTA's ILB battery backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The constant power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, output class 2 compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting requirements. Rated for use in plenum, damp location, recessed type IC, and enclosed and gasketed luminaires.

REMOTE TEST SWITCH

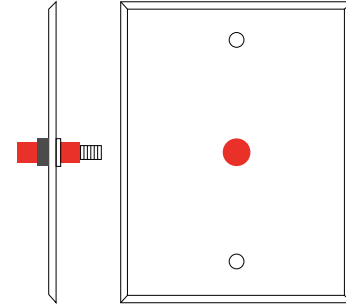
The remote test switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is recommended for ease of service.

REMOTE LOCATION

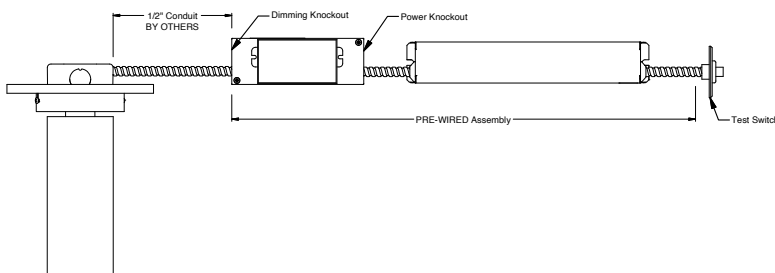
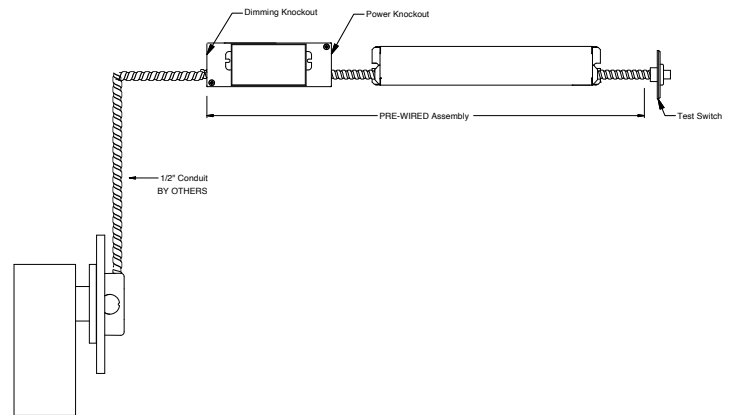
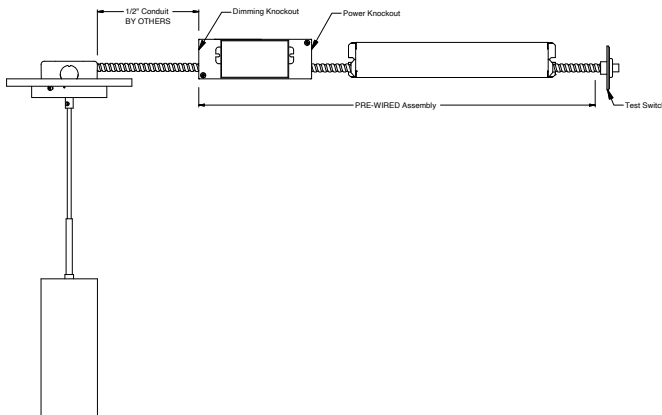
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all local and national electric/building codes.



Remote Test Switch

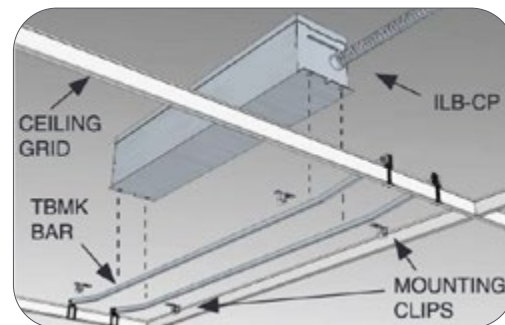
EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 20LM)	880LM	1280LM	1480LM
Notes: Based on 30K, 80CRI			

REMOTE BATTERY



Accessory

76066 Optional T-Grid Mounting Kit¹



1. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.