

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BETA6RUD WD

6" Cylinder Warm Dim



DOWNLIGHT

35° - 85° BEAM (Note: Specifications are subject to change without notice)		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	870LM @30K/97CRI	12W
15LM	1330LM @30K/97CRI	18W
20LM	1790LM @30K/97CRI	26W
25LM	2190LM @30K/97CRI	33W
30LM	2580LM @30K/97CRI	40W
Notes	Delivered lumens based on HE60 optic, (see page 2)	

UPLIGHT

12° - 65° BEAM (Note: Specifications are subject to change without notice)		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	950LM @30K/97CRI	12W
15LM	1375LM @30K/97CRI	17W
20LM	1970LM @30K/97CRI	27W
Notes	Delivered lumens based on 25D optic with clear lens, (see page 2)	



CASAMBI

FEATURES

- Seamless extrusion with painted finish for clean aesthetics
- Thermally optimized for longevity
- 35° - 80° beam spread Down
12° - 65° beam spread Up
- UGR < 19
- Multiple glare control options, bezel and finishes available

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 1% and 0%
- eldoLED flicker free DALI dimming to 1% and 0%
- DMX dim to zero
- Lutron Hi-lume 1% 3-wire/Ecosystem
- Leading & trailing edge (Triac/ELV) dimming to 1%
- Casambi bluetooth dimming to 1%
- Independent Uplight / Downlight Control

CONSTRUCTION

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

LED

- Luminus Dim-to-warm COB:
- 97 CRI: SDCM = 3-step MacAdam Ellipse; Lumen Maintenance: L₇₀> 54,000 hrs

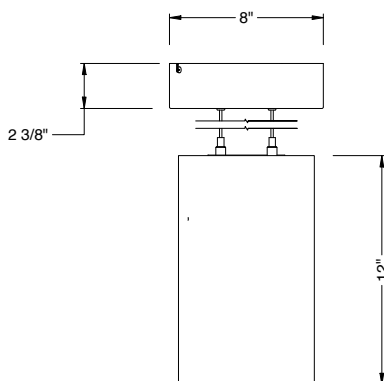
LISTING

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

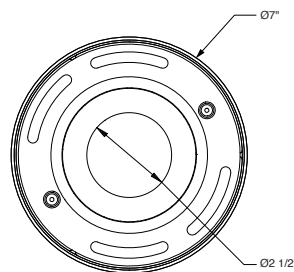
ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W EM Remote 90min battery - Down only

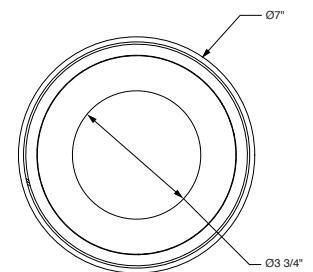
12in BETA 6



UPLIGHT



DOWNLIGHT



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

ORDERING CODE																																			
SERIES	BETA	cylinder series																																	
TYPE	6RUD	6" Round Up Down																																	
LED	WD	warm dim (Luminus)																																	
DOWNLIGHT DELIVERED LUMENS	10LM	870 lm																																	
	15LM	1330 lm																																	
	20LM	1790 lm																																	
	25LM	2190 lm																																	
	30LM	2580 lm																																	
UPLIGHT DELIVERED LUMENS	10LM	950 lm																																	
	15LM	1375 lm																																	
	20LM	1970 lm																																	
CCT UP & DOWN	3018	3000K, dim to 1800K																																	
		<table border="1"> <thead> <tr> <th colspan="5">CCT at Light Level (%LF)</th> </tr> <tr> <th>%LF</th> <th>30LM</th> <th>20LM</th> <th>15LM</th> <th>10LM</th> </tr> </thead> <tbody> <tr> <td>100%</td> <td>3000</td> <td>3000</td> <td>3000</td> <td>3000</td> </tr> <tr> <td>50%</td> <td>3000</td> <td>3000</td> <td>3000</td> <td>2800</td> </tr> <tr> <td>25%</td> <td>2800</td> <td>2800</td> <td>2500</td> <td>2300</td> </tr> <tr> <td>10%</td> <td>2200</td> <td>2200</td> <td>2000</td> <td>1900</td> </tr> <tr> <td>5%</td> <td>1800</td> <td>1800</td> <td>1800</td> <td>1800</td> </tr> </tbody> </table>	CCT at Light Level (%LF)					%LF	30LM	20LM	15LM	10LM	100%	3000	3000	3000	3000	50%	3000	3000	3000	2800	25%	2800	2800	2500	2300	10%	2200	2200	2000	1900	5%	1800	1800
CCT at Light Level (%LF)																																			
%LF	30LM	20LM	15LM	10LM																															
100%	3000	3000	3000	3000																															
50%	3000	3000	3000	2800																															
25%	2800	2800	2500	2300																															
10%	2200	2200	2000	1900																															
5%	1800	1800	1800	1800																															
CRI UP & DOWN	97	97 CRI																																	
DOWNLIGHT																																			
OPTIC & LM MULTIPLIER SEE PAGE 3	D35	35° diffused with clear lens (0.89)																																	
	D60	60° diffused with clear lens (0.94)																																	
	HE40	40° high efficiency diffused lens (0.99)																																	
	HE60	60° high efficiency diffused lens (1.00)																																	
	HE85	85° high efficiency diffused lens (0.89)																																	
	WH80	80° brilliant white with clear lens (0.95)																																	
BEZEL LENS SEE PAGE 3	HCL¹	honeycomb louver																																	
UPLIGHT																																			
OPTIC & LM MULTIPLIER SEE PAGE 3	12D	12 degrees (1.00)																																	
	15D	15 degrees (1.00)																																	
	20D	20 degrees (1.00)																																	
	25D	25 degrees (1.00)																																	
	35D	35 degrees (1.00)																																	
	40D	40 degrees (1.00)																																	
	55D	55 degrees (0.98)																																	
	65D	65 degrees (0.98)																																	
BEZEL LENS SEE PAGE 3	CL	clear lens (0.98)																																	
	DL	diffused lens (0.91)																																	
	HCL	honeycomb louver (0.85)																																	
	HET	high efficiency textured lens, similar to Solite™ (0.92)																																	
	SBL	smoothing beam lens (0.92)																																	

ORDERING CODE		
BEZEL COLOR SEE PAGE 3	BK	black (0.98)
	WH	white (1.00)
	MC	matte chrome (0.99)
	BZ	bronze (0.98)
	WT	wheat (0.99)
FINISH	BK	black
	WH	white
	MC	matte chrome
	CC²	custom color, consult factory for details
MOUNTING OPTIONS	PS6	driver integrated canopy with power over suspension, 6ft
	PS8	driver integrated canopy with power over suspension, 8ft
	PS10	driver integrated canopy with power over suspension, 10ft
	PS12	driver integrated canopy with power over suspension, 12ft
VOLTAGE	I20	120V
	UNV	120V-277V
DIMMING	DIM10	eldoLED flicker free 0-10V dimming to 1%
	DIM10Z	eldoLED flicker free 0-10V dimming to 0%
	DALI	eldoLED flicker free DALI 2 dimming to 1%
	DALIZ	eldoLED flicker free DALI 2 dimming to 0%
	DMXZ	DMX dim to zero
	CAS	Casambi Bluetooth control with flicker free 1% dimming
	LTE³	Lutron Hi-lume 2-Wire (Triac) dimming to 1%
	LUT	Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black
	LUTP	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black
ELVI³	leading & trailing edge (Triac/ELV) dimming to 1%	
ELECTRICAL OPTIONS	EM7	Remote emergency battery backup, 90 minutes at 7 watts to LED, Remote TS

YOUR COMPLETED ORDERING CODE	
Follow the steps to specify your fixture, example:	
BETA - 6RUD - WD - 25LM - 15LM - 3018 - 97 - HE60 - 25D - DL - WH - WH - PS6 - UNV - DIM10 - EM7	

NOTES

- HCL not available with lens. Multiplier: Delivered Lumens (0.78) / Beam Spread (0.80)
- Custom set up fee plus minimum quantity required per color.
- ELVI/LTE available in 120V.

* EML = equivalent melanopic lux, to calculate EML, multiply the measured photopic lux by the EML Ratio for the given CCT.
 * EldoLED uses logarithmic dimming curve as standard. For linear dimming curve, add "LIN" after dimming code, i.e., DIM10LIN.

alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BEZEL OPTIONS DOWNLIGHT

BEZEL COLORS



OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

CL

Clear Lens



OPTIC	BEAM ANGLE	UGR
D35	38	11.9
D60	58	15.7
WH80	78	19.4

NL

No Lens



OPTIC	BEAM ANGLE	UGR
D35	38	12.1
D60	58	16
WH80	78	19.8

DL

Diffused Lens



OPTIC	BEAM ANGLE	UGR
HE40	40	16
HE60	60	18.8
HE85	85	21.4

alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

PHOTOMETRIC DATA

25LM 30LM	
65D-CL UP HE60 DOWN	
65° CLEAR LENS	
WATTS: 26.1	LPW: 66.7
LUMENS: 1742	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
45	179
35	694
25	1207
15	1510
5	1551
0	1549
WATTS: 39.1	LPW: 66
LUMENS: 2581	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	2368
5	2323
15	1988
25	1452
35	903
45	478

15LM 30LM	
65D-CL UP HE60 DOWN	
65° CLEAR LENS	
WATTS: 17	LPW: 71.6
LUMENS: 1218	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
45	125
35	485
25	844
15	1056
5	1085
0	1083
WATTS: 39.1	LPW: 66
LUMENS: 2581	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	2368
5	2323
15	1988
25	1452
35	903
45	478

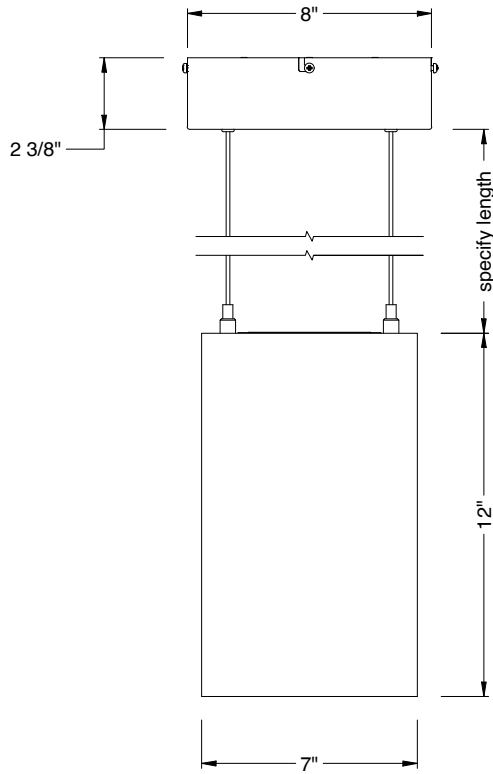
15LM 20LM	
65D-CL UP HE60 DOWN	
65° CLEAR LENS	
WATTS: 17	LPW: 71.6
LUMENS: 1218	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
45	125
35	485
25	844
15	1056
5	1085
0	1083
WATTS: 26	LPW: 69
LUMENS: 1794	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	1645
5	1614
15	1382
25	1009
35	628
45	332

10LM 10LM	
65D-CL UP HE60 DOWN	
65° CLEAR LENS	
WATTS: 11.8	LPW: 71.1
LUMENS: 839	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
45	86
35	334
25	581
15	728
5	747
0	746
WATTS: 11.7	LPW: 74.4
LUMENS: 871	CCT: 3000K
INTENSITY	
DEGREE	CANDELA
0	799
5	784
15	671
25	490
35	305
45	161

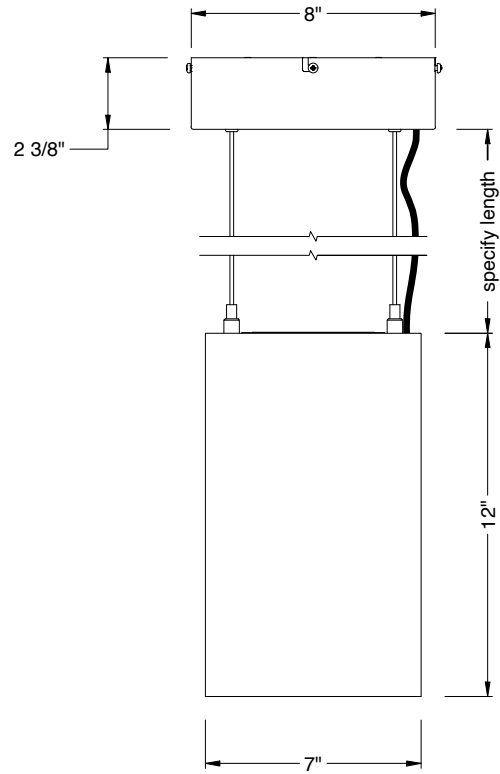
alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

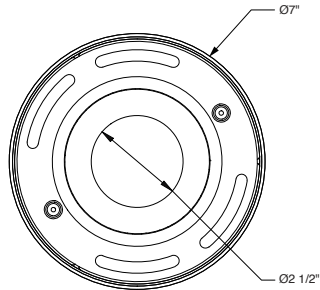
MOUNTING OPTIONS



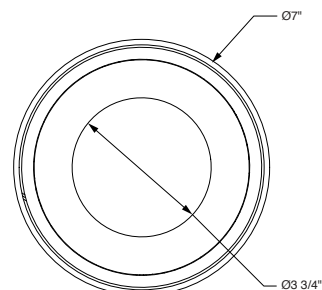
DIM10 / ELV1 / LUTP / DALI / CAS



DIM10 / DALI / DMX



UPLIGHT



DOWNLIGHT

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

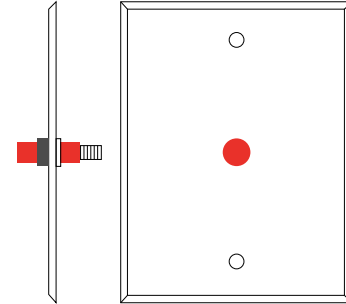
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is recommended for ease of service, but LED Fixture Sizes of 4" and Larger are capable of below ceiling access. IC/ICAT/CP Box and ITS option require an access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery.

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.



Test Button

EM MODE OUTPUT (DELIVERED LUMENS) - DOWNLIGHT ONLY	
LUMEN ORDERING CODE	EM7
ALL OPTIONS	510LM
Notes: Based on 3018K 97CRI - Downlight only	

INTEGRATED EM BATTERY

