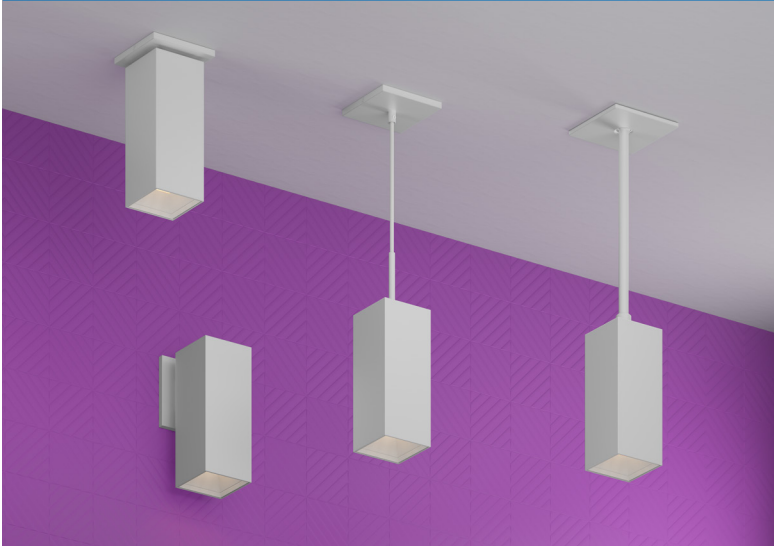


alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

BETA 3

3" Square Warm Dim



65° - 80° BEAM (Note: Specifications are subject to change without notice)		
14mm DYNAMIC COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	810LM @30K/97CRI	11W
15LM	1160LM @30K/97CRI	17W
Notes	Delivered lumens based on WH75, 3000K (see page 2)	



FEATURES

- Seamless extrusion with powder coated finish for clean aesthetics
- Thermally optimized for longevity
- 60° - 80° beam spread
- UGR < 19
- Micro slim canopy option at 1-4"-3/8" depth plus 1/2" diameter stem.
- Multiple mounting, glare control options, trims and finishes available

LED

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

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 0.01%
- Casambi bluetooth dimming to 1%

LISTING

- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- Suitable for dry and damp locations
- Made in the USA - meets the requirements of the Buy American provision within the ARRA
- 5 Year Limited warranty.

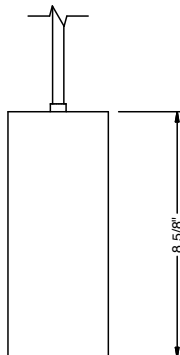
CONSTRUCTION

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

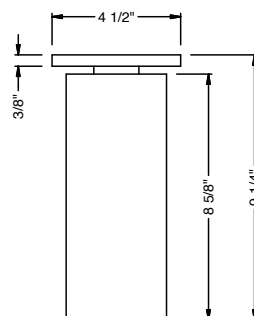
ELECTRICAL

- 120V only Triac/ELV, 120V-277V
- Power factory ≥ 0.9
- 7W, 10W (T20 CEC) and 12W EM 90 min battery
- Remote emergency test switch
- 2kV driver input surge protection

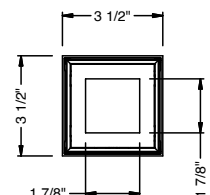
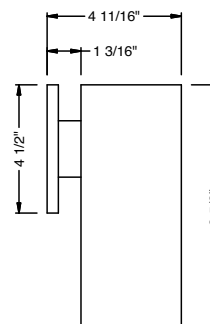
PENDANT



SURFACE MOUNT



WALL MOUNT



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

ORDERING CODE				
SERIES	BETA	BETA		
TYPE	3Q	3" square		
LED	WD	warm dim (Luminus)		
DELIVERED LUMENS	10LM	810 lm		
	15LM	1160 lm		
Standard Configuration: 3000K WH75				
Calculated Delivered Lumens = [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]				
CCT	3018 ¹	3000K, dim to 1800K		
		CCT AT LIGHT LEVEL (%LF)		
		%LF	13LM	10LM
		100%	3000	3000
		50%	3000	2800
25%	2500	2300		
10%	2000	1900		
5%	1800	1800		
CRI	97	97 CRI		
OPTIC & LM MULTIPLIER SEE PAGE <?>	HE65	65° high efficiency diffused lens (0.94)		
	HE80	80° high efficiency diffused lens (0.96)		
	D65	65° diffused with clear lens (0.97)		
	WH75	75° brilliant white with clear lens (0.97)		
TRIM COLOR SEE PAGE <?>	BK	black		
	WH	white		
	MC	matte chrome		
BEZEL COLOR SEE PAGE <?>	BK	black (0.98)		
	WH	white (1.00)		
	MC	matte chrome (0.99)		
	BZ	bronze (0.98)		
	WT	wheat (0.99)		

ORDERING CODE		
MOUNTING OPTIONS SEE PAGE <?>, <?>	S	surface mount
	P	pendant, 108" flexible cord
	W	wall mount
	JCOV-S	conduit junction box cover with knockouts, surface
	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 ²	rigid pendant 2' with fixed stem/canopy
	RPF3 ²	rigid pendant 3' with fixed stem/canopy
	RPF4 ²	rigid pendant 4' with fixed stem/canopy
RPF6 ²	rigid pendant 6' with fixed stem/canopy	
JCOV-XX	conduit junction box cover with knockouts, complete XX code with desired pendant mount	
VOLTAGE	120	120V
	UNV	120V-277V
DIMMING	DIM10	0-10V dimming to 1%
	LUTP ³	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 ⁵	Casambi Bluetooth control with flicker free 1% dimming
ELECTRICAL OPTIONS	EM7	remote emergency battery backup, 90 minutes at 7 watts to LED
	EM12 ⁶	remote emergency battery backup, 90 minutes at 12 watts to LED
	EMI0CA20	remote emergency battery backup, 90 minutes at 10W to LED, CA title 20

ADDITIONAL MOUNTING INFO	
New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	Extends a pair of Bar Hangers Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE
Follow the steps to specify your fixture, example:
BETA - 3Q - WD - 10LM - 3018 - 97 - HE65 - WH - WH - P - UNV - DIM10 - EM7

NOTES

- Values shown are for reference only. Actual CCT may vary.
- 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.
- Lutron dimming only available in cable pendant with extended canopy.
- Triac/ELV dimming available in 120V only.
- Pendant mount only offered in CAS dimming option.
- EM12 not available in 10LM.

*Warm Dim CCT values at X% are for reference. Actual CCT may vary.

*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.

alphabet

PROJECT INFORMATION		
JOB NAME	TYPE	
ORDERING CODE		

BEZEL OPTIONS

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.



OPTIC	BEAM ANGLE	UGR
D65	65.6	21
WH75	78	23.9



OPTIC	BEAM ANGLE	UGR
HE65	64.3	22.6
HE80	82	24.7

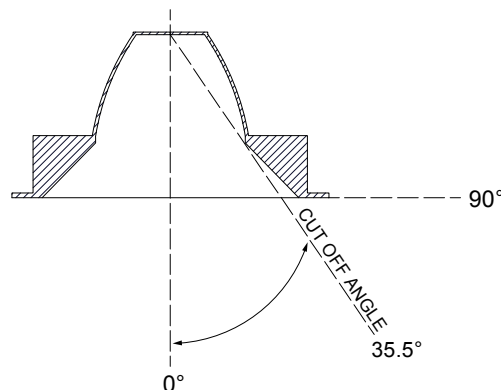
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

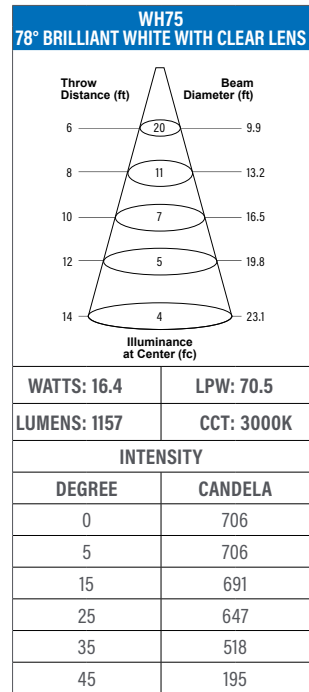
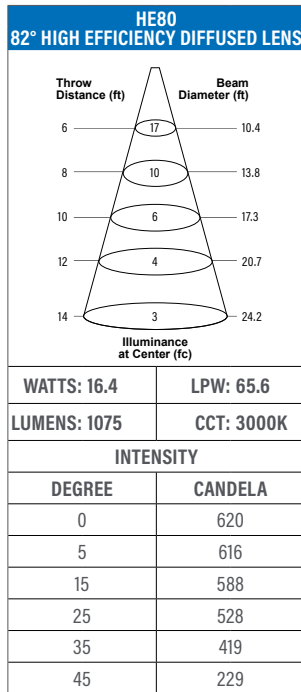
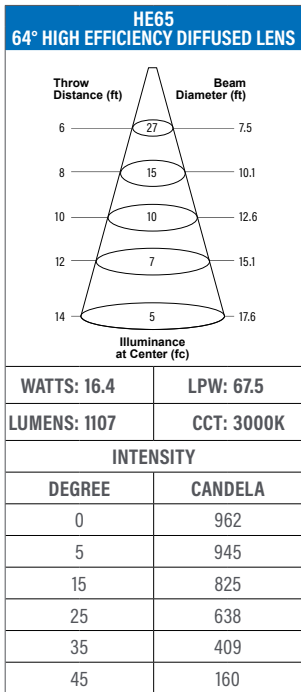
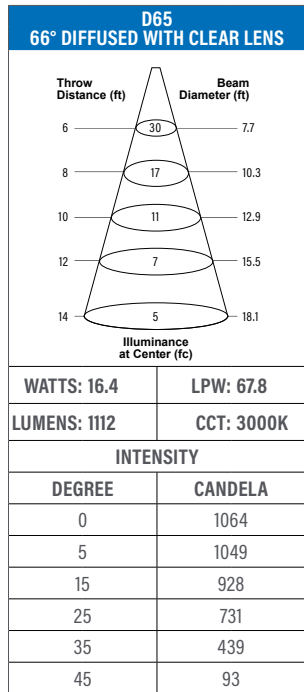
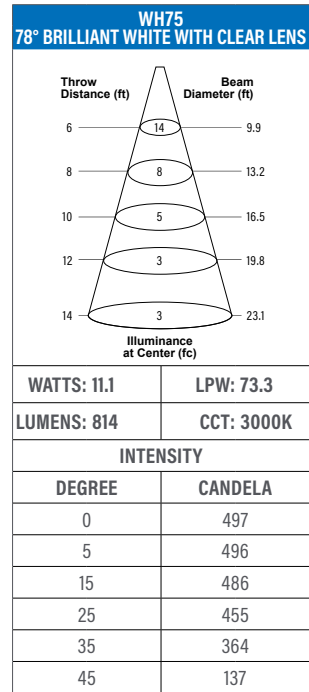
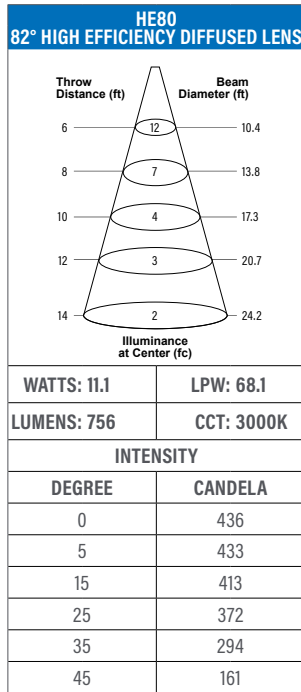
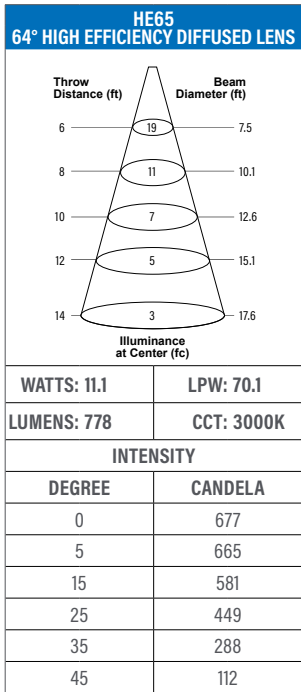
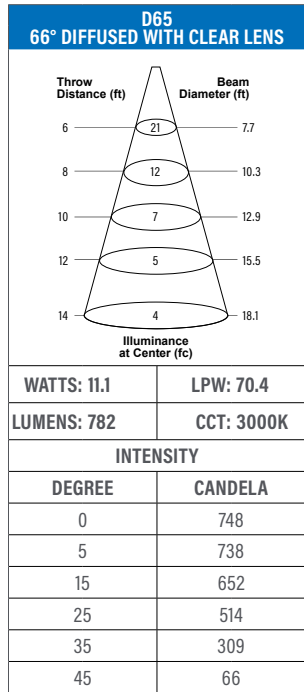
- Cutoff angle of CL is 35.5 degrees;



alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

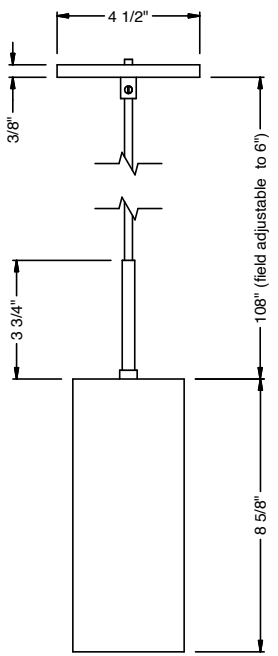
PHOTOMETRIC DATA



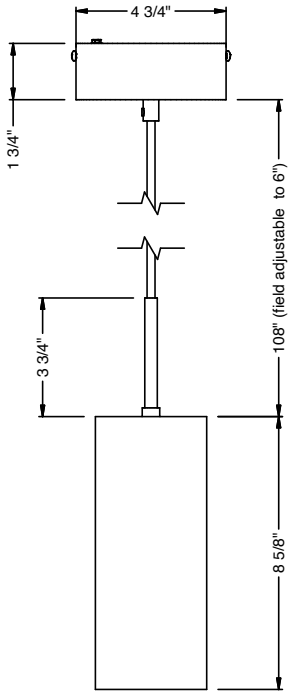
alphabet

PROJECT INFORMATION		
JOB NAME		TYPE
ORDERING CODE		

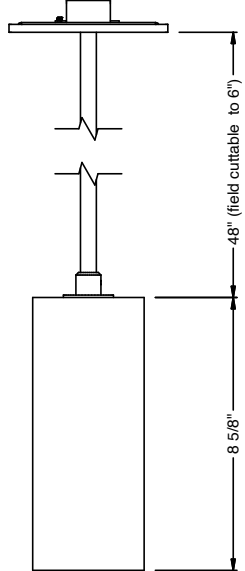
MOUNTING OPTIONS



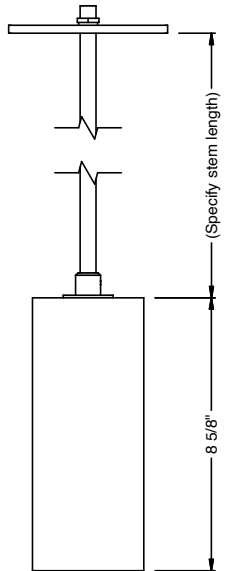
PENDANT
ELV1 / CAS



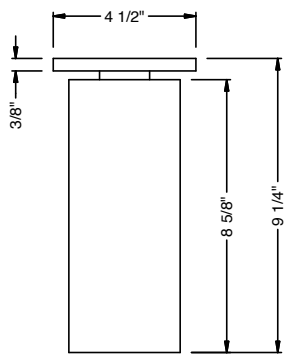
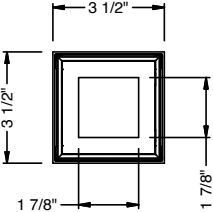
PENDANT
ROUND CANOPY
DIM10 / LUTP



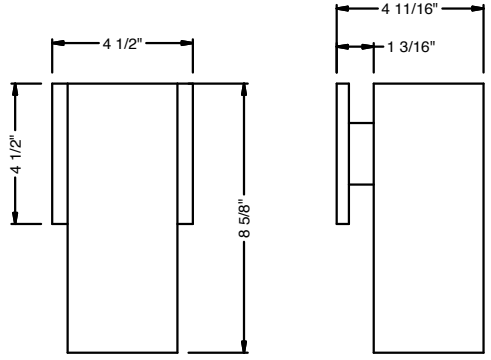
RP SWIVEL
DIM10 / ELV1 / CAS



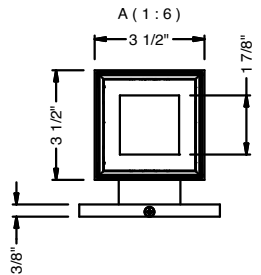
RPF FIXED
DIM10 / ELV1 / CAS



SURFACE MOUNT
DIM10 / ELV1 / CAS



WALL MOUNT
DIM10 / ELV1 / CAS



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

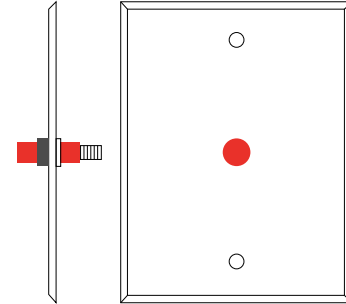
The remote test switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is recommended for ease of service.

REMOTE LOCATION

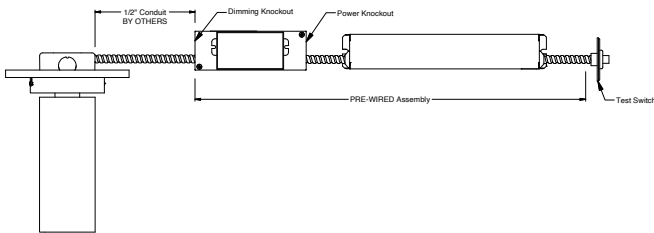
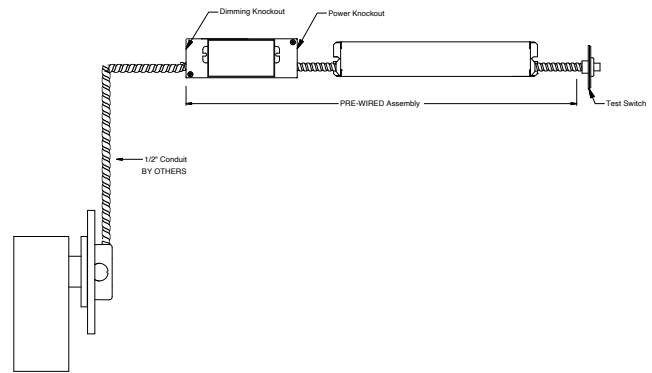
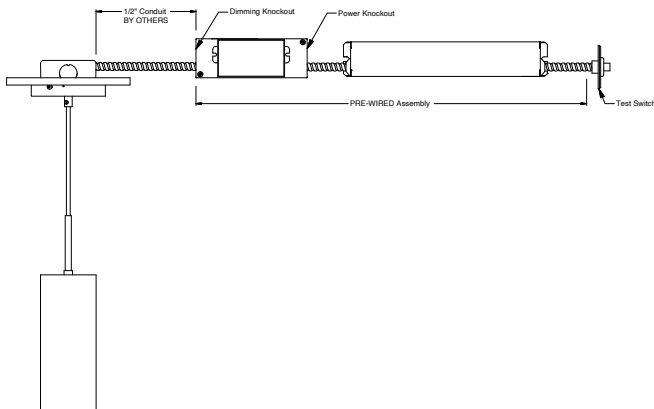
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all local and national electric/building codes.



Remote Test Switch

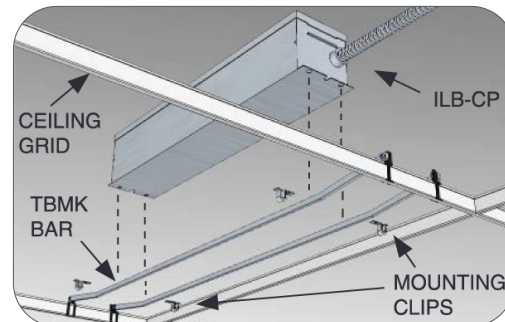
EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 13LM)	560LM	800LM	960LM
Notes: Based on 30K, 97CRI			

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.