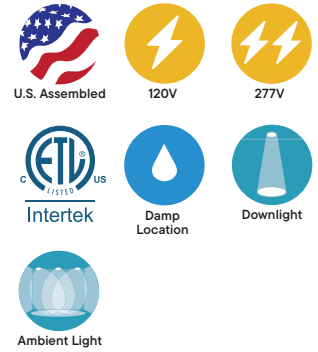
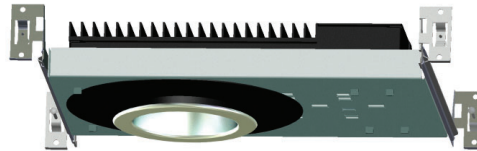
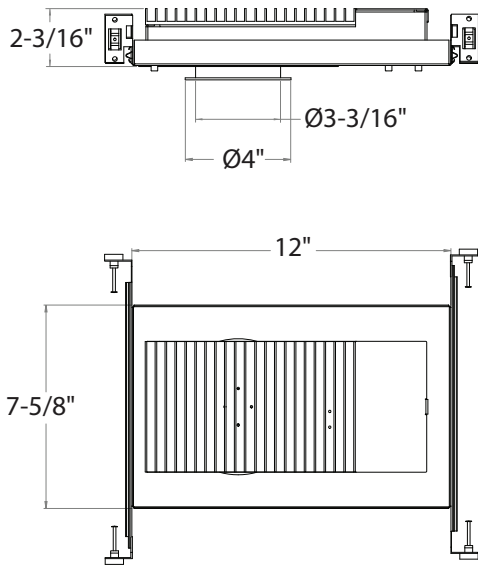


LHABLD25 : 2.5" SUPER SHALLOW LUMENBLAST

OPEN DOWNLIGHTS, ROUND, 1000LM - 3000LM



- Low Glare Design
- Highly efficient COB (Chip on Board) LED
- For Super Shallow 2-3/16" ceiling
- Small 2.5" aperture
- Fits Round Trims

ORDERING : LHABLD2510C025-DIN-B15-T27/LRB25SSF

LHABLD25

Fixture	Lumens	Control	Beam Spread	Color Temperature	Trim
	Lumens	Control	Beam Spread	Color Temperature	Trim
1000lm (10W)	10C025	Non-Dimming (120V)	Blank	15° Spot	-B15
1000lm (10W) (IC RATED)	10C025-IC	TRIAC/ELV Dimming (120V)	-DIN	25° Narrow Flood	-B25
1500lm (15W)	15C035	0-10V Dimming (120V/277V)	UE-D10	35° Flood	-B35
1500lm (15W) (IC RATED)	15C035-IC	1%, 0-10V Dimming (120V/277V)	UE-D10P1	50° Wide Flood	-B50
2000lm (20W)	20C050	UniDim™ 0-10V, ELV, Triac Dimming (120V/277V)	UE-DUN	2700K (80 CRI)	-T27
3000lm (30W)	30C070			2700K (97 CRI)	-T27-C97¹
				3000K (80 CRI)	-T30
				3000K (97 CRI)	-T30-C97¹
				3500K (90 CRI)	-T35
				4000K (90 CRI)	-T40
					All Satin
					All White
					All Black
					LRB25SSF
					LRB25SWF
					LRB25WWF
					LRB25BBF

¹ Special order. Minimum Order. Extended lead time may apply. Consult Factory.

SPECIFICATION

Application

The 2.5" LumenBlast housing is designed for low to medium ceiling heights and is available as a fixed downlight with multiple beam spreads. With three trim finishes, the luminaire is perfect for ambient and task down-lighting in residential and commercial applications with shallow plenums.

Housing

Constructed with 0.05" aluminum housing with baked enamel finish, suitable for new construction installations. Designed to secure to existing sheet rock or panel ceilings up to 3/4" thick.

Mounting

Housing suitable for new construction, supplied with (2) 24" adjustable hanger bars. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceiling.

Trim Ring

Friction clips hold Round trim secure to Housing Frame. Open trims are available in All Satin Haze (LRB25SSF), Satin Haze/White (LRB25SWF), All White (LRB25WWF), and All Black (LRB25BBF).

Certifications and Listings:



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable for dry and damp locations.

NYC approved: Calendar #41937.

Insulation Contact

IC-Rated options (-IC) is for direct contact with low to medium density loose fill blown and rolled insulation.

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 35°C. Doing so will result in reduced lamp life and voided warranty.

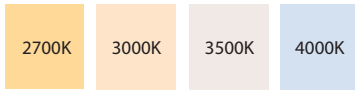
SPECIFICATION (Continued)

Light Source

LED Light Engine:

COB (Chip on Board) LED is replaceable via quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Color Temperature:



Available LEDs binned to 3-step MacAdam ellipses within the ANSI C78 377A standard for color temperature and chromaticity ranges light binning allowance.

Consult factory for availability and lead time for 2 SDCM.

Color temperatures available include 2700K, 3000K, 3500K, and 4000K.

90 CRI standard.

2700K and 3000K also available in 97 CRI.

Beam Spread:

Available in 15° Spot (-B15), 25° Narrow Flood (-B25), 35° Flood (-B35), and 50° Wide Flood (-B50).

Lumen Maintenance:

Lumen Maintenance is minimum 72,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Control Options

ELV and TRIAC Driver 120V (-DIN):

Compatible with electronic low voltage, and 2-Wire incandescent dimmers. Also known as leading edge, Reverse Phase, Forward Phase dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations.

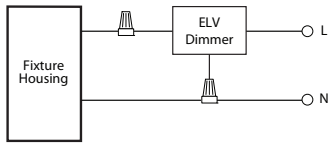
0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.

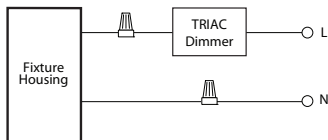
UniDim™ Driver 120V/277V (UE-DUN):

All in one ELV and TRIAC phase dimming (120V only), and 0-10V dimming (120V/277V). Works with most 3-Wire ELV, 2-Wire incandescent and 120V/277V 5-Wire 0-10V fluorescent dimmers.

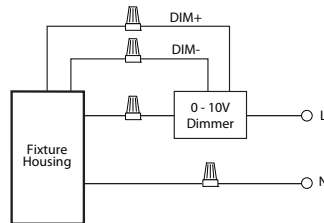
Incandescent/Phase Wiring
ELV



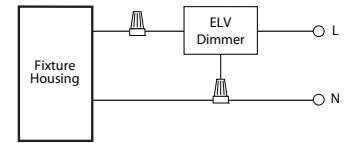
TRIAC



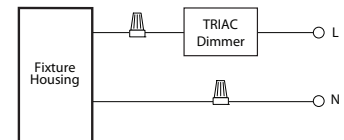
0 - 10V Wiring



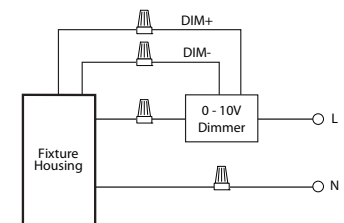
Incandescent/Phase Wiring
ELV



TRIAC



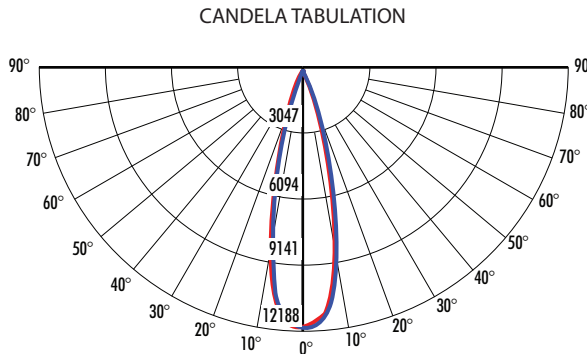
0 - 10V Wiring



PHOTOMETRY

LHABLD2530C070UE-D10-B25-T30/LRB25WWF (3000lm, 30W, 25°, 3000K)

System Power:	30.3 W	MULTIPLIERS
Test Date:	01/2026	LUMENS
Beam Angle 50%:	26.2°	10C025: 0.40
Field Angle 10%:	45.8°	15C035: 0.55
Color Temperature:	3086 K	20C050: 0.77
CRI:	92.4	30C070: 1.00
Lumens Delivered:	2818	CCT
CBCP:	12188	2700K: 0.80
Power Factor:	0.99	3000K: 1.00
		3500K: 1.02
		4000K: 1.03
		5000K: 1.05

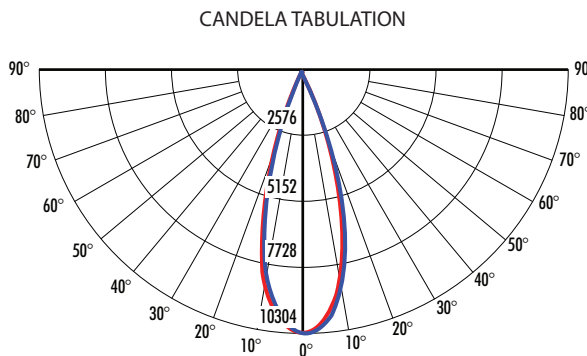


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	3.7'	190.4
20.0'	9.3'	30.5
30.0'	14.0'	13.5
40.0'	18.6'	7.6
50.0'	23.2'	4.6

LHABLD2530C070UE-D10-B35-T30/LRB25WWF (3000lm, 30W, 35°, 3000K)

System Power:	30.3 W	MULTIPLIERS
Test Date:	01/2026	LUMENS
Beam Angle 50%:	32.7°	10C025: 0.40
Field Angle 10%:	50.3°	15C035: 0.55
Color Temperature:	3086 K	20C050: 0.77
CRI:	92.4	30C070: 1.00
Lumens Delivered:	3160	CCT
CBCP:	10304	2700K: 0.80
Power Factor:	0.99	3000K: 1.00
		3500K: 1.02
		4000K: 1.03
		5000K: 1.05

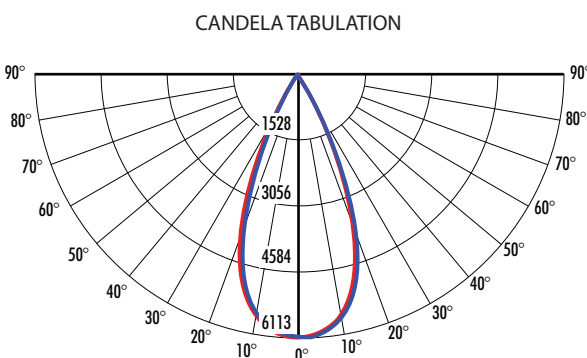


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	4.7'	161.0
15.0'	8.9'	45.8
20.0'	11.8'	25.8
30.0'	17.7'	11.5
45.0'	26.5'	5.0

LHABLD2530C070UE-D10-B50-T30/LRB25WWF (3000lm, 30W, 50°, 3000K)

System Power:	30.3 W	MULTIPLIERS
Test Date:	01/2026	LUMENS
Beam Angle 50%:	44.3°	10C025: 0.40
Field Angle 10%:	64.7°	15C035: 0.55
Color Temperature:	3086 K	20C050: 0.77
CRI:	92.4	30C070: 1.00
Lumens Delivered:	3205	CCT
CBCP:	6113	2700K: 0.80
Power Factor:	0.99	3000K: 1.00
		3500K: 1.02
		4000K: 1.03
		5000K: 1.05



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	6.5'	95.5
15.0'	12.2'	27.2
20.0'	16.2'	15.3
30.0'	24.4'	6.8
35.0'	28.5'	5.0