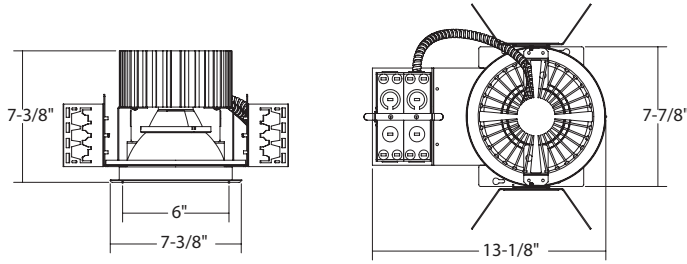


LHABLD6 - 6" LUMENBLAST

OPEN & LENSED DOWNLIGHTS, ROUND, 1000LM - 10,000LM

- Illuminate up to 100' ceilings
- Four trim finishes
- Low glare design
- Highly efficient COB (Chip on Board) LED



Ceiling Cut-out: 6-3/8" Dia.

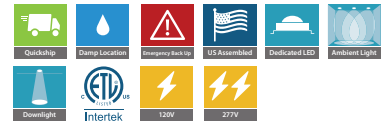


LHABLD6

ORDERING : LHABLD612C025UE-DUN-B45-T27-C90-FS/LRB61S

LHABLD6

Fixture Lumens Control Beam Spread Color Temperature Frame Options / Trim



Fixture	Lumens	Control	Beam Spread	Color Temperature	Frame Options	Trim		
Downlight	LHABLD6	Non-Dimming TRIAC/ELV Dimming (120V) 0-10V Dimming (120V/277V) UniDim™ 0-10V, TRIAC/ELV Dimming (120V/277V) eldoLED Dim to Dark Remote Driver 10%, Wireless Enocean Adapter DMX Dimming with input via XLR5 (120V/277V) DMX Dimming with input via RJ45 (120V/277V) 1%, 0-10V Dimming (120V/277V) 0-10V Dimming (347V) Lutron Hi-Lume (120V/277V) 1%, 2-Wire Incandescent (120V) 10W Integral Emergency Backup, 0-10V Dimming (120V/277V) Athena Wireless Node (120V) UniSense - Remotely Mounted Motion/Photosensor (120V) UniSense - Remotely Mounted Motion/Photosensor (120V/277V) Casambi Wireless Dimming (120V/277V) BubblyNet Wireless System (120V/277V) Lutron Vive Wireless Dimming Module (120V/277V)	Blank -DIN UE-D10 UE-DUN UE-D10PZ¹¹ -RMT UE-DEN UE-DMXLR5² UE-DMXRJ45² UE-D10P1 -347-D10³ UE-DHL³ DINP1⁴ UE-D10-EM-INT¹² -AWN -SUN-RMT¹⁰ -SUN-RMT-1227¹⁰ -DCSM⁹ -DBNT⁹ -VIVE⁹	25° Narrow Flood -B25 45° Flood -B45 90° Very Wide Flood -B90	2700K, 80 CRI -T27 2700K, 90 CRI -T27-C90 2700K, 97 CRI -T27-C97 3000K, 80 CRI -T30 3000K, 90 CRI -T30-C90 3000K, 97 CRI -T30-C97 3500K, 80 CRI -T35 4000K, 80 CRI -T40 Warm dimming 1850K-3000K -TWD⁵ Tunable White 2700K-6500K -TTW⁶	None Generator Transfer Device -GTD Single Fuse -FS 10W Emergency Backup -EM Full Power -EMAC⁷ Emergency Inverter Full Power -EMAC347⁷ Emergency Inverter (347V) C-Channel Hanger Bar Set C260 Adjustable C-Channel Hanger Bar Set C260-J	Trim (Open) All White LRB61W All Black LRB61B All Satin Haze LRB61S Satin Haze/White LRB61SW Clear/White LRB61CW Specular Clear LRB61C	Blank -GTD -FS -EM -EMAC⁷ -EMAC347⁷ C260 C260-J
Lumens (Nominal Delivered)								
1000lm (9W)	12C025							
1500lm (13W)	15C035							
2500lm (19W)	20C050							
3500lm (28W)	35C070							
5000lm (41W)	45C105							
6000lm (51W)	50C085							
7000lm (64W)	60C105⁸							
8000lm (72W)	70C125							
10,000lm (116W)	120C200⁸							

¹ All drivers are 120V/277V unless otherwise noted.
² DMX Dimming to 0% except for 8000lm & 10,000lm with DMX Dimming to 10%.
³ Not available for 8000lm & 10,000lm.
⁴ Not available for 1000lm - 3500lm.
⁵ Warm Dimming Only available for 1000lm & 1500lm options.
⁶ Tunable White only available with 0-10V signal via "UE-D10P1" option or DMX signal via "UE-DMX" option for 1500lm & 3500lm option only.

⁷ Check wiring diagrams.
⁸ Not compatible to UE-DUN Driver.
⁹ Special Order.
¹⁰ (-SUN-RMT) sensor sent with mounting clips for existing ceiling applications.
¹¹ Not available for 10,000lm.
¹² UE-D10-EM-INT is only compatible with fixtures under 40W.

OPTIONS

/C260
C-Channel Hanger Bar Set



/C260-J
Adjustable C-Channel Hanger Bar Set



SPECIFICATION

Applications

The 6" LumenBlast housing is designed for medium to high ceiling heights and is available as a fixed downlight. With four trim options and four trim finishes, the luminaire offers the versatility and high lumen output that is ideal for classrooms, office lobbies and retail applications.

Housing Frame

16 gauge galvanized plaster ring with powder coat finish, six friction clips secure trim to housing for ceilings up to 1" thick.

Mounting

Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT, 26"C Channel Strut for T-bar ceilings and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Heavy duty 16-gauge, die-formed galvanized steel. Bar hangers optional.

Optics

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.

Beam Spread - Available in 25° Narrow Flood (B25), 45° Flood (B45), and 90° Very Wide Flood (B90).

Color Temperature - Comes standard with 3000K Warm White LEDs binned to 3-step MacAdam ellipses within the ANSI C78 377A standard for color temperature and chromaticity ranges light binning allowance. Also available in 2700K, 3500K and 4000K.

Color Rendering Index - Comes standard with 80 CRI, 90 CRI and 97 CRI (C97) option also available with 2700K and 3000K.

Warm Dimming - Optional from 1850K to 3500K.

Tunable White - Optional with correlated color temperature range from 2700K to 5500K.

Lumen Maintenance - Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Thermal Management

Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Trims

Open Trims available in all White (LRB61W), all Black (LRA61B), all Satin Haze (LRB61B), and Satin Haze/White (LRB61SW). Frosted lens trims available in all White (LRB62W), all Black (LRB62B), all Satin Haze (LRB62B), and Satin Haze/White (LRB62SW).

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations.

Caution

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

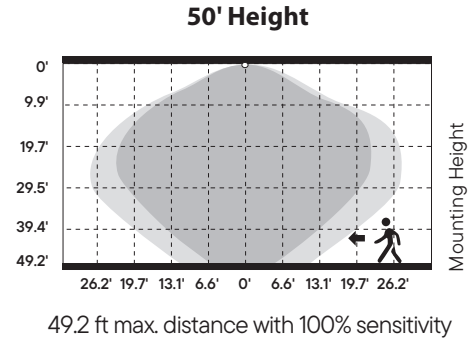
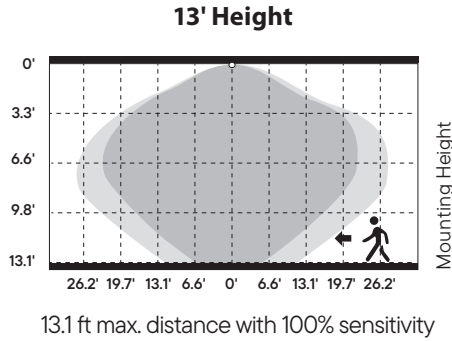
Warranty

Covered by an 5-year warranty for other driver options to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C (95°F). Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

SPECIFICATION

Unisense[™] PROGRAMMABLE MOTION + DAYLIGHT (-SUN-RMT, -SUN-RMT-1227)

- Microwave and PIR (Passive Infrared) sensors depending on option
- Daylight harvesting
- Dusk/dawn sensing capabilities
- Motion Sensor



Well Detected Area
 Possibly Detected Area

 1.6-3.3 ft/s

SPECIFICATION

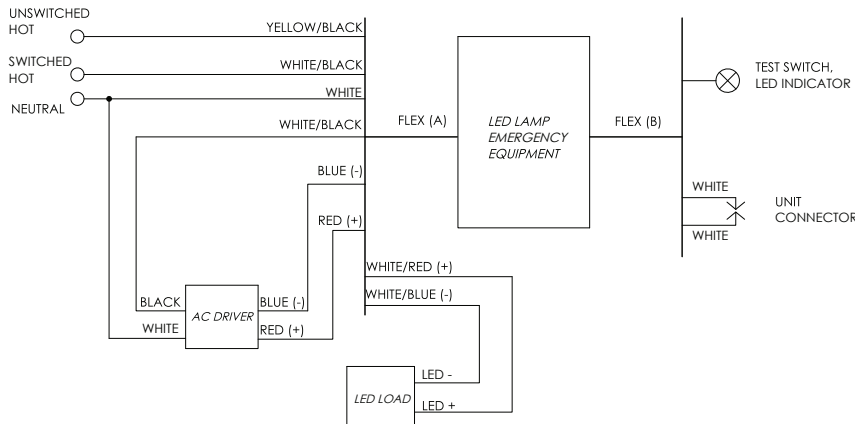
EMERGENCY BATTERY (-EM): 10W

- Must be installed in Dry Locations
- 10W constant output to LED lamp

Not rated for outdoor mounting. Damp location rated.

-EM Lumen Data (Battery)

Fixture/Trim	LHABLD612C025	Fixture/Trim	LHABLD615C035	Fixture/Trim	LHABLD620C050
Fixture Wattage:	9W	Fixture Wattage:	13W	Fixture Wattage:	19W
Fixture Lumens:	1000	Fixture Lumens:	1500	Fixture Lumens:	2500
Multiplier:	1.11	Multiplier:	0.77	Multiplier:	0.53
EM Lumens:	1110	EM Lumens:	1160	EM Lumens:	1330
Fixture/Trim	LHABLD635C070	Fixture/Trim	LHABLD645C105	Fixture/Trim	LHABLD650C85
Fixture Wattage:	28W	Fixture Wattage:	41W	Fixture Wattage:	51W
Fixture Lumens:	3500	Fixture Lumens:	5000	Fixture Lumens:	6000
Multiplier:	0.36	Multiplier:	0.24	Multiplier:	0.20
EM Lumens:	1260	EM Lumens:	1200	EM Lumens:	1200
Fixture/Trim	LHABLD660C105	Fixture/Trim	LHABLD670C125	Fixture/Trim	LHABLD6120C200
Fixture Wattage:	64W	Fixture Wattage:	72W	Fixture Wattage:	116W
Fixture Lumens:	7000	Fixture Lumens:	8000	Fixture Lumens:	10,000
Multiplier:	0.16	Multiplier:	0.14	Multiplier:	0.09
EM Lumens:	1120	EM Lumens:	1120	EM Lumens:	900



Input Voltage:	120-277VAC/60Hz
Output Voltage:	10W
Wattage:	10W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	No

SPECIFICATION

FULL POWER EMERGENCY INVERTER (-EMAC or -EMAC347): 9W - 116W

- Must be installed in Dry Locations
- Wattage package will determine battery sent; corresponding wiring diagrams below
- 170 VDC output to AC DRIVER during EM mode

Not rated for outdoor mounting. Damp location rated.

-EMAC Lumen Data (Battery)

Fixture/Trim	LHABLD612C025
Fixture Wattage:	9W
Fixture Lumens:	1000
EM Lumens:	1000

Fixture/Trim	LHABLD615C035
Fixture Wattage:	13W
Fixture Lumens:	1500
EM Lumens:	1500

Fixture/Trim	LHABLD620C050
Fixture Wattage:	19W
Fixture Lumens:	2500
EM Lumens:	2500

Fixture/Trim	LHABLD635C070
Fixture Wattage:	28W
Fixture Lumens:	3500
EM Lumens:	3500

Fixture/Trim	LHABLD645C105
Fixture Wattage:	41W
Fixture Lumens:	5000
EM Lumens:	5000

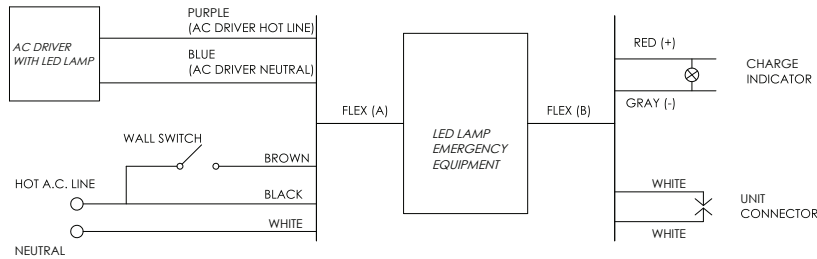
Fixture/Trim	LHABLD650C85
Fixture Wattage:	51W
Fixture Lumens:	6000
EM Lumens:	6000

Fixture/Trim	LHABLD660C105
Fixture Wattage:	64W
Fixture Lumens:	7000
EM Lumens:	7000

Fixture/Trim	LHABLD670C125
Fixture Wattage:	72W
Fixture Lumens:	8000
EM Lumens:	8000

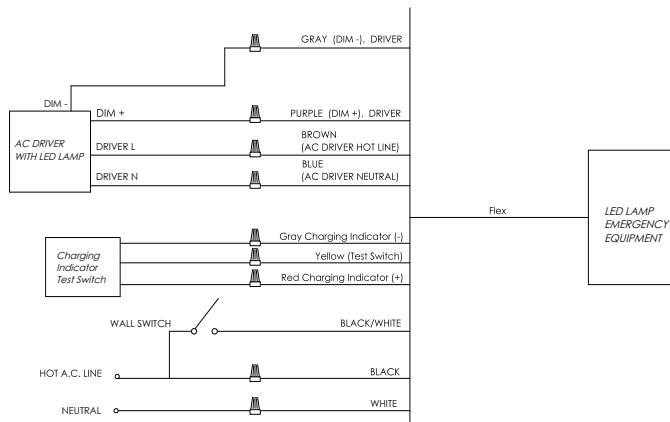
Fixture/Trim	LHABLD6120C200
Fixture Wattage:	116W
Fixture Lumens:	10,000
EM Lumens:	10,000

<25W LOAD



Input Voltage:	120-277VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	25W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	No

<40W LOAD

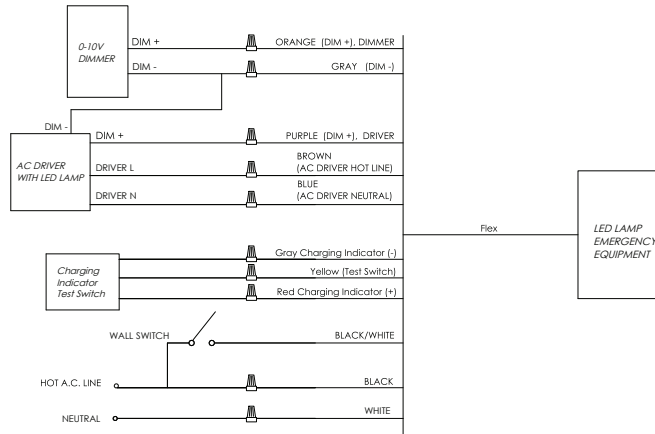


Input Voltage:	120-277VAC or 347VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	40W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	Yes

SPECIFICATION

>40W LOAD

- 0-10V dimmable driver required



Input Voltage:	120-277VAC or 347VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	50.7W
Switching Time:	< 1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	Yes

PHOTOMETRY

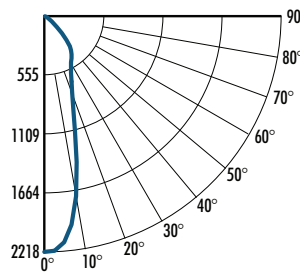
LHABLD612C025UE-DUN-B25-T40/LRB61W (1000lm, 25°, 4000K)

System Power:	8.9W
Test Date:	5/4/2018
Beam Angle 50%:	29.0°
Field Angle 0%:	91.0°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	1251.14
CBCP:	2218
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 8.19	4000K : 1.00
8000lm : 6.70	3500K : 0.99
7000lm : 5.71	3000K : 0.98
6000lm : 4.70	2700K : 0.94
5000lm : 3.91	
3500lm : 2.69	CRI
2500lm : 1.95	80 CRI : 1.00
1500lm : 1.39	90 CRI : 0.85
1000lm : 1.00	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	3.1'	61.61	28.28
8.0'	4.1'	34.66	15.91
10.0'	5.2'	22.2	10.18
12.0'	6.2'	15.4	7.07
14.0'	7.2'	11.3	5.19

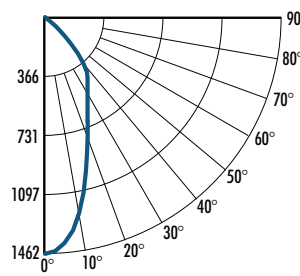
LHABLD612C025UE-DUN-B45-T40/LRB61W (1000lm, 45°, 4000K)

System Power:	8.9W
Test Date:	5/4/2018
Beam Angle 50%:	43.1°
Field Angle 0%:	96.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	1222.72
CBCP:	1462.00
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 8.23	4000K : 1.00
8000lm : 6.69	3500K : 0.99
7000lm : 5.71	3000K : 0.98
6000lm : 4.70	2700K : 0.94
5000lm : 3.91	
3500lm : 2.69	CRI
2500lm : 1.95	80 CRI : 1.00
1500lm : 1.39	90 CRI : 0.85
1000lm : 1.00	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	4.7'	40.61	17.34
8.0'	6.3'	22.84	9.76
10.0'	7.9'	14.6	6.24
12.0'	9.5'	10.2	4.34
14.0'	11.1'	7.5	3.19

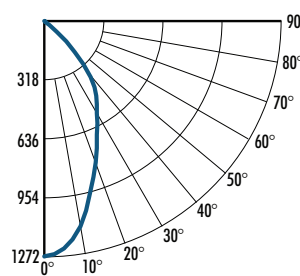
LHABLD612C025UE-DUN-B60-T40/LRB61W (1000lm, 60°, 4000K)

System Power:	8.9W
Test Date:	5/4/2018
Beam Angle 50%:	53.1°
Field Angle 0%:	98.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	1225.88
CBCP:	1271
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 8.12	4000K : 1.00
8000lm : 6.74	3500K : 0.99
7000lm : 5.76	3000K : 0.98
6000lm : 4.74	2700K : 0.94
5000lm : 3.95	
3500lm : 2.71	CRI
2500lm : 1.97	80 CRI : 1.00
1500lm : 1.40	90 CRI : 0.85
1000lm : 1.00	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	6.0'	35.31	12.61
8.0'	8.0'	19.86	7.09
10.0'	10.0'	12.7	4.54
12.0'	12.0'	8.8	3.15
14.0'	14.0'	6.5	2.32

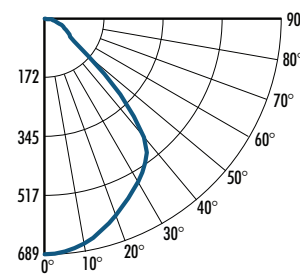
LHABLD612C025UE-DUN-B90-T40/LRB61W (1000lm, 90°, 4000K)

System Power:	8.9W
Test Date:	5/8/2018
Beam Angle 50%:	88.3°
Field Angle 0%:	126.2°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	1275.2
CBCP:	689
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 8.04	4000K : 1.00
8000lm : 6.69	3500K : 0.99
7000lm : 5.71	3000K : 0.98
6000lm : 4.70	2700K : 0.94
5000lm : 3.91	
3500lm : 2.69	CRI
2500lm : 1.95	80 CRI : 1.00
1500lm : 1.39	90 CRI : 0.85
1000lm : 1.00	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	11.6'	19.14	3.21
8.0'	15.5'	10.77	1.81
10.0'	19.4'	6.9	1.16
12.0'	23.3'	4.8	0.80
14.0'	27.2'	3.5	0.59

PHOTOMETRY

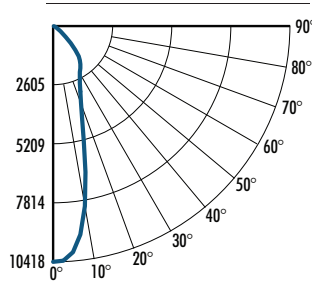
LHABLD650C085UE-DUN-B25-T40_LRB61W (6000lm, 25°, 4000K)

System Power:	50.7W
Test Date:	5/9/2018
Beam Angle 50%:	29.0°
Field Angle 0%:	90.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	5876.49
CBCP:	10418
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.74	4000K : 1.00
8000lm : 1.43	3500K : 0.99
7000lm : 1.22	3000K : 0.98
6000lm : 1.00	2700K : 0.94
5000lm : 0.83	
3500lm : 0.57	CRI
2500lm : 0.42	80 CRI : 1.00
1500lm : 0.29	90 CRI : 0.85
1000lm : 0.21	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	3.1'	289.39	132.79
8.0'	4.1'	162.78	74.69
10.0'	5.2'	104.2	47.80
12.0'	6.2'	72.3	33.20
14.0'	7.2'	53.2	24.39

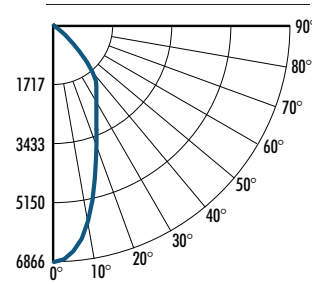
LHABLD650C085UE-DUN-B45-T40/LRB61W (6000lm, 45°, 4000K)

System Power:	50.7W
Test Date:	5/9/2018
Beam Angle 50%:	43.1°
Field Angle 0%:	96.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	5743.09
CBCP:	6866
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.75	4000K : 1.00
8000lm : 1.42	3500K : 0.99
7000lm : 1.22	3000K : 0.98
6000lm : 1.00	2700K : 0.94
5000lm : 0.83	
3500lm : 0.57	CRI
2500lm : 0.42	80 CRI : 1.00
1500lm : 0.29	90 CRI : 0.85
1000lm : 0.21	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	4.7'	190.72	81.47
8.0'	6.3'	107.28	45.83
10.0'	7.9'	68.7	29.33
12.0'	9.5'	47.7	20.37
14.0'	11.1'	35.0	14.96

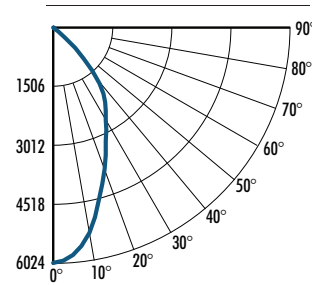
LHABLD650C085UE-DUN-B60-T40/LRB61W (6000lm, 60°, 4000K)

System Power:	50.7W
Test Date:	5/9/2018
Beam Angle 50%:	53.1°
Field Angle 0%:	98.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	5805.17
CBCP:	6018
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.72	4000K : 1.00
8000lm : 1.42	3500K : 0.99
7000lm : 1.22	3000K : 0.98
6000lm : 1.00	2700K : 0.94
5000lm : 0.83	
3500lm : 0.57	CRI
2500lm : 0.42	80 CRI : 1.00
1500lm : 0.30	90 CRI : 0.85
1000lm : 0.21	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	6.0'	167.17	59.73
8.0'	8.0'	94.03	33.60
10.0'	10.0'	60.2	21.50
12.0'	12.0'	41.8	14.93
14.0'	14.0'	30.7	10.97

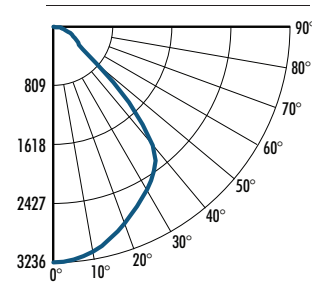
LHABLD650C085UE-DUN-B90-T40/LRB61W (6000lm, 90°, 4000K)

System Power:	50.7W
Test Date:	5/9/2018
Beam Angle 50%:	88.3°
Field Angle 0%:	126.0°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	5988.51
CBCP:	3263
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.71	4000K : 1.00
8000lm : 1.42	3500K : 0.99
7000lm : 1.22	3000K : 0.98
6000lm : 1.00	2700K : 0.94
5000lm : 0.83	
3500lm : 0.57	CRI
2500lm : 0.42	80 CRI : 1.00
1500lm : 0.30	90 CRI : 0.85
1000lm : 0.21	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	11.6'	90.64	15.06
8.0'	15.5'	50.98	8.47
10.0'	19.4'	32.6	5.42
12.0'	23.3'	22.7	3.77
14.0'	27.2'	16.6	2.77

PHOTOMETRY

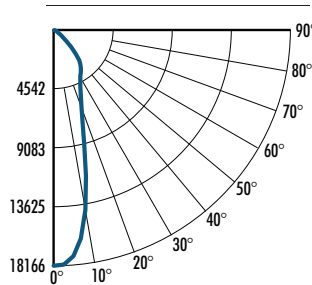
LHABLD6120C200UE-DUN-B25-T40/LRB61W (10000lm, 25°, 4000K)

System Power:	117.0W
Test Date:	6/26/2018
Beam Angle 50%:	29.0°
Field Angle 0%:	90.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	10247.4
CBCP:	18166
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.00	4000K : 1.00
8000lm : 0.82	3500K : 0.99
7000lm : 0.70	3000K : 0.98
6000lm : 0.57	2700K : 0.94
5000lm : 0.48	
3500lm : 0.33	CRI
2500lm : 0.24	80 CRI : 1.00
1500lm : 0.17	90 CRI : 0.85
1000lm : 0.12	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	3.1'	284.65	231.55
8.0'	4.1'	160.12	130.25
10.0'	5.2'	102.5	83.36
12.0'	6.2'	71.2	57.89
14.0'	7.2'	52.3	42.53

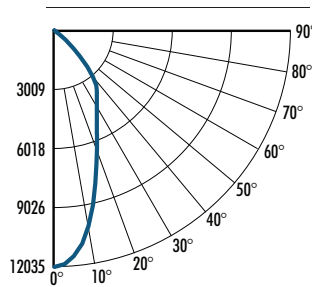
LHABLD6120C200UE-DUN-B45-T40/LRB61W (10000lm, 45°, 4000K)

System Power:	117.0W
Test Date:	6/26/2018
Beam Angle 50%:	43.1°
Field Angle 0%:	96.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	10066.4
CBCP:	12035
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.00	4000K : 1.00
8000lm : 0.81	3500K : 0.99
7000lm : 0.69	3000K : 0.98
6000lm : 0.57	2700K : 0.94
5000lm : 0.48	
3500lm : 0.33	CRI
2500lm : 0.24	80 CRI : 1.00
1500lm : 0.17	90 CRI : 0.85
1000lm : 0.12	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	4.7'	334.31	142.80
8.0'	6.3'	188.05	80.32
10.0'	7.9'	120.4	51.41
12.0'	9.5'	83.6	35.70
14.0'	11.1'	61.4	26.23

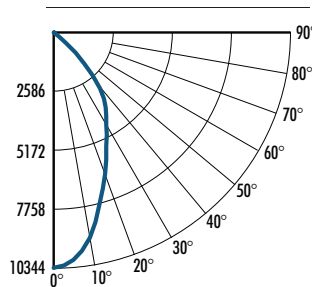
LLHABLD6120C200UE-DUN-B60-T40/LRB61W (10000lm, 60°, 4000K)

System Power:	63.8W
Test Date:	6/26/2018
Beam Angle 50%:	53.1°
Field Angle 0%:	98.9°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	9958.5
CBCP:	10333
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.00	4000K : 1.00
8000lm : 0.83	3500K : 0.99
7000lm : 0.71	3000K : 0.98
6000lm : 0.58	2700K : 0.94
5000lm : 0.49	
3500lm : 0.33	CRI
2500lm : 0.24	80 CRI : 1.00
1500lm : 0.17	90 CRI : 0.85
1000lm : 0.12	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	6.0'	287.03	102.56
8.0'	8.0'	161.45	57.69
10.0'	10.0'	103.3	36.92
12.0'	12.0'	71.8	25.64
14.0'	14.0'	52.7	18.84

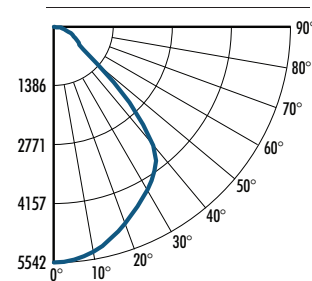
LHABLD6120C200UE-DUN-B90-T40/LRB61W (10000lm, 90°, 4000K)

System Power:	117.0W
Test Date:	6/26/2018
Beam Angle 50%:	88.3°
Field Angle 0%:	126.0°
Color Temp. (CCT):	4000K
CRI:	80
Lumens Delivered:	10257.7
CBCP:	5542
Power Factor:	>0.90

MULTIPLIERS	
Lumen	CCT
10000lm : 1.00	4000K : 1.00
8000lm : 0.83	3500K : 0.99
7000lm : 0.71	3000K : 0.98
6000lm : 0.58	2700K : 0.94
5000lm : 0.49	
3500lm : 0.33	CRI
2500lm : 0.24	80 CRI : 1.00
1500lm : 0.17	90 CRI : 0.85
1000lm : 0.12	97 CRI : 0.76

Trim (Lensed): 0.75

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	Footcandle (FC)	
		Beam Center	Beam Edge
6.0'	11.6'	153.94	25.81
8.0'	15.5'	86.59	14.52
10.0'	19.4'	55.4	9.29
12.0'	23.3'	38.5	6.45
14.0'	27.2'	28.3	4.74