



High Bay Linear Elite Series



LL-HBLE

High Bay Linear Elite Series

The LITELUME™ LED High Bay Linear Elite (LL-HBLE) Features the most up to date new technology, including field selectable color temperature, selectable power, and selectable beam angle distribution to accommodate medium, aisle or narrow distribution needs. This elite luminaire is constructed with a IP65, NSF rated die cast housing suitable for both indoor and outdoor use. Incorporating a stylish design while upholding maximum durability and reliability. Controls ready.



RATINGS & CERTIFICATES

UL cUL Wet Location Listed
TAA • IK10 • NSF • IP65 • IP69K

APPLICATIONS

Gymnasiums • Food Processing • Grocery
Education • Fitness Centers • Warehouses
Manufacturing • Distribution • Wet Locations

PERFORMANCE DATA

Lumen Output	10,900 - 63,200 lm
Lumens Per Watt (typical)	175 lm/W
CCT	3500K 4000K 5000K
Lifespan	Features Ultra Efficient Driver with up to 100,000 running hours

FIXTURE INFORMATION

Size	Housing	Finish	Optics	Mounting	
160W - 400W	Sealed Die Cast Aluminum	Protective Powder Coat	• CRI > 80% • Polycarbonate Lens • Selectable Distribution: Narrow, Aisle, Medium	• Standard: V Hook & Chain, 3/4 NPT Hub Standard • Optional: Pendant Mount, or Surface Mount and Yoke Mount	
Electrical				Controls	Warranty
• Standard: 6kV Surge Protection • Standard: 0-10V Dimming 100% to 10% • Optional: Emergency Battery Backup		• PF >0.9, THD <20% • Universal 120-277V or 277-480V • Operating Temperature: See Table on Page 2		Controls Ready <i>See Accessories Ordering Guide for All Options</i>	10 Years



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OPERATING TEMPERATURE: SUSPENDED MOUNT (18" FROM CEILING)

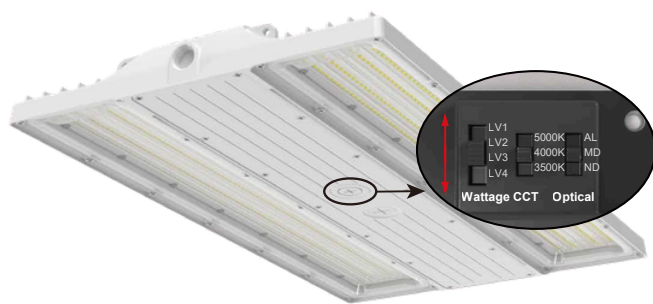
27L	32L	44L	51L	54L	63L
-40°C ~ 65°C	-40°C ~ 50°C	-40°C ~ 65°C	-40°C ~ 50°C	-40°C ~ 55°C	-40°C ~ 50°C
-40°F ~ 149°F	-40°F ~ 122°F	-40°F ~ 149°F	-40°F ~ 122°F	-40°F ~ 131°F	-40°F ~ 122°F

NOTE: Operating temperature range with emergency battery : 0°C to + 40°C (-32°F to +104°F).
Surface mount/Yoke mount: 10°C reduction in ambient operating temperature.



IP65 WATERPROOF

Single-piece housing enhances rigidity and minimizes dust/water ingress. Silicone gaskets seal electrical and optical compartments against dust/moisture, maintaining IP65 rating for all internal components (including integrated sensors).



WATTAGE FIELD-SELECTABLE

- Each model supports 4 positions wattage regulation: LV1, LV2, LV3, LV4.



CCT FIELD-SELECTABLE

- Offer three CCT Selectable (3500K, 4000K, 5000K).



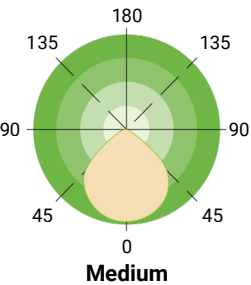


PHOTOMETRICS FIELD-SELECTABLE

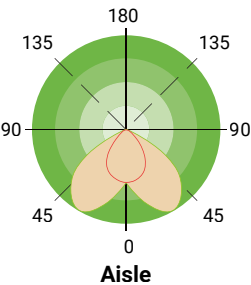
PC Lens Offers 3 Selectable Beam Patterns (Medium/Aisle/Narrow)– Controlled Simply via Dip Switch.



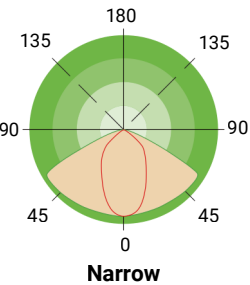
PC Lens



Medium



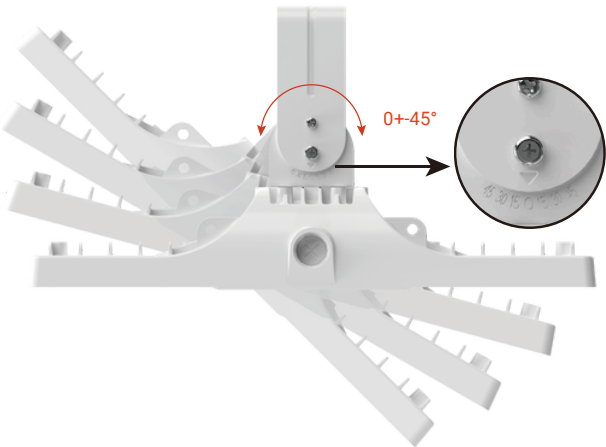
Aisle



Narrow

SELECTABLE ANGLE

The bracket offers selectable 15° increments from -45° to 45°, enabling flexible multi-angle installations.



PERFORMANCE DATA								
LL-HBRE-24L @ 70° / 110° Beam Angle								
Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	150W	80	21000	140	23000	153	22000	147
LV2	120W	80	17500	146	19000	158	18200	152
LV3	90W	80	13600	151	14800	164	14000	156



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PERFORMANCE DATA

LL-HBLE-27L @ Medium Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	160	80	26200	164	26880	168	26200	164
LV2	128	80	21800	167	21800	171	21800	167
LV3	96	80	16300	170	16600	173	16300	170
LV4	64	80	11000	173	11200	175	11000	173

LL-HBLE-27L @ Aisle/Narrow Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	160	80	25600	160	26000	163	25600	160
LV2	128	80	20800	163	21200	166	20800	163
LV3	96	80	16100	168	16400	171	16100	168
LV4	64	80	10900	171	11000	173	10900	171

LL-HBLE-32L @ Medium Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	200	80	30800	154	31600	158	30800	154
LV2	160	80	25200	157	25800	161	25200	157
LV3	120	80	19200	160	19600	163	19200	160
LV4	80	80	13000	163	13200	165	13000	163

LL-HBLE-32L @ Aisle/Narrow Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	200	80	30000	150	30600	153	30000	150
LV2	160	80	24500	153	25000	156	24500	153
LV3	120	80	19000	158	19400	161	19000	158
LV4	80	80	12900	161	13000	163	12900	161



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PERFORMANCE DATA

LL-HBLE-44L @ Medium Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	260	80	42700	164	43700	168	42700	164
LV2	208	80	34800	167	35600	171	34800	167
LV3	156	80	26600	170	27000	173	26600	170
LV4	104	80	18000	173	18200	175	18000	173

LL-HBLE-44L @ Aisle/Narrow Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	260	80	41600	160	42500	163	41600	160
LV2	208	80	34000	163	35000	166	34000	163
LV3	156	80	26300	168	26700	171	26300	168
LV4	104	80	17800	171	18000	173	17800	171

LL-HBLE-51L @ Medium Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	315	80	49300	157	50600	161	49300	157
LV2	252	80	40200	160	41200	164	40200	160
LV3	189	80	30800	163	31300	166	30800	163
LV4	126	80	20900	167	21200	168	20900	167

LL-HBLE-51L @ Aisle/Narrow Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	315	80	48000	152	49000	156	48000	152
LV2	252	80	39200	156	40000	159	39200	156
LV3	189	80	30400	161	31000	164	30400	161
LV4	126	80	20600	164	20900	167	20600	164



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PERFORMANCE DATA

LL-HBLE-54L @ Medium Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	320	80	52500	164	53800	168	52500	164
LV2	256	80	42700	167	43800	171	42700	167
LV3	192	80	32640	170	33200	173	32640	170
LV4	128	80	22100	173	22400	175	22100	173

LL-HBLE-54L @ Aisle/Narrow Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	320	80	51200	160	52100	163	51200	160
LV2	256	80	41800	163	42500	166	41800	163
LV3	192	80	32200	168	32800	171	32200	168
LV4	128	80	21900	171	22100	173	21900	171

LL-HBLE-63L @ Medium Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	400	80	61600	154	63200	158	61600	154
LV2	320	80	50300	157	51500	161	50300	157
LV3	240	80	38400	160	39000	163	38400	160
LV4	160	80	26000	163	26400	165	26000	163

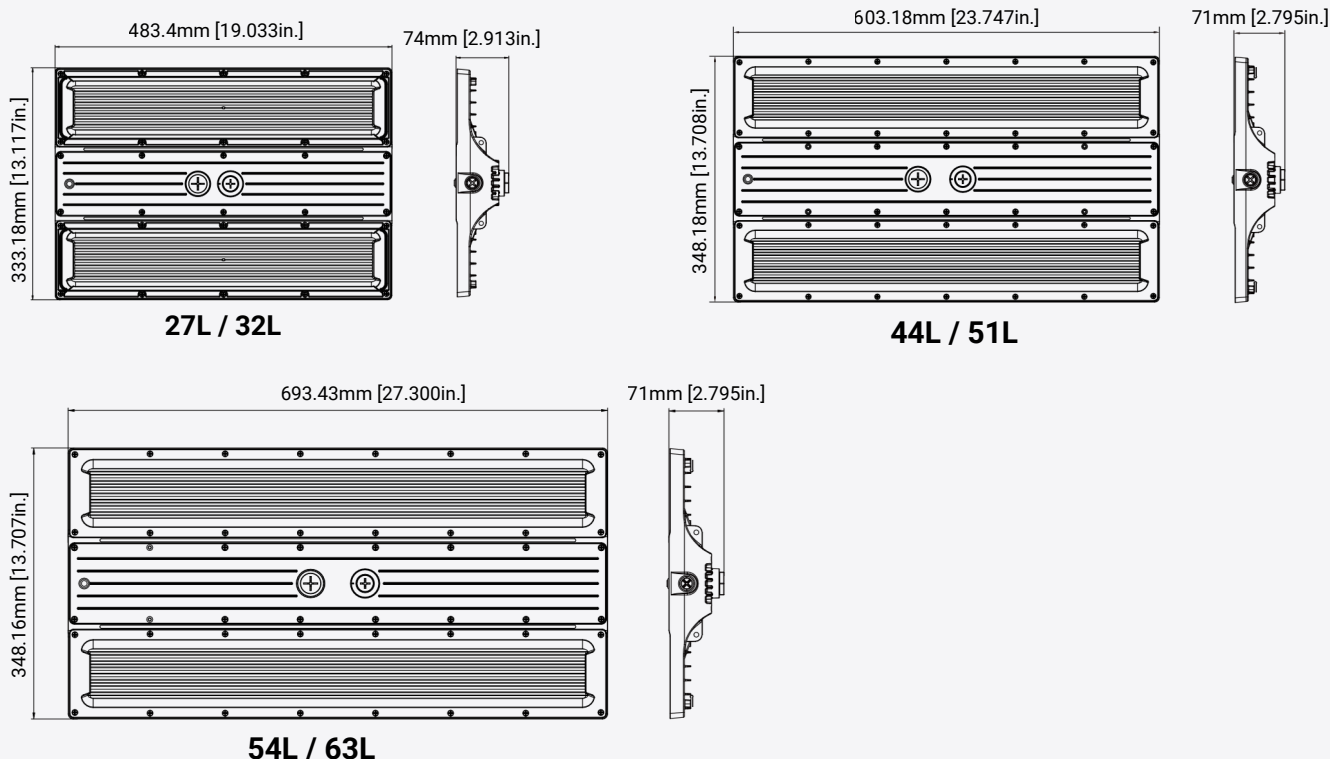
LL-HBLE-63L @ Aisle/Narrow Distribution

Setting	Watts	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	400	80	60000	150	61200	153	60000	150
LV2	320	80	49000	153	50000	156	49000	153
LV3	240	80	38000	158	38700	161	38000	158
LV4	160	80	25800	161	26000	163	25800	161



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DIMENSIONS



IMPACT RESISTANCE (IK RATINGS)

Component	Rating
Housing	IK10
PC	IK10

HLD REPLACEMENT GUIDE

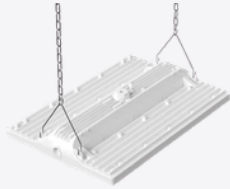
Size	Wattage	Lumen (max)	Equivalent HID Lamp
27L / 32L	160W	26900lm	400W MH, 6-lamp T5HO, 6-lamp T8 HBF
	200W	31600lm	400W MH, 8-lamp T5HO, 8-lamp T8 HBF
44L / 51L	260W	43700lm	750W MH, 10-lamp T5HO, 10-lamp T8 HBF
	315W	50600lm	750W MH, 12-lamp T5HO, 12-lamp T8 HBF
54L / 63L	320W	53800lm	1000W MH, 14-lamp T5HO, 10-lamp T8 HBF
	400W	63200lm	1000W MH, 18-lamp T5HO, 18-lamp T8 HBF



MOUNTING

Chain Mount

- Default



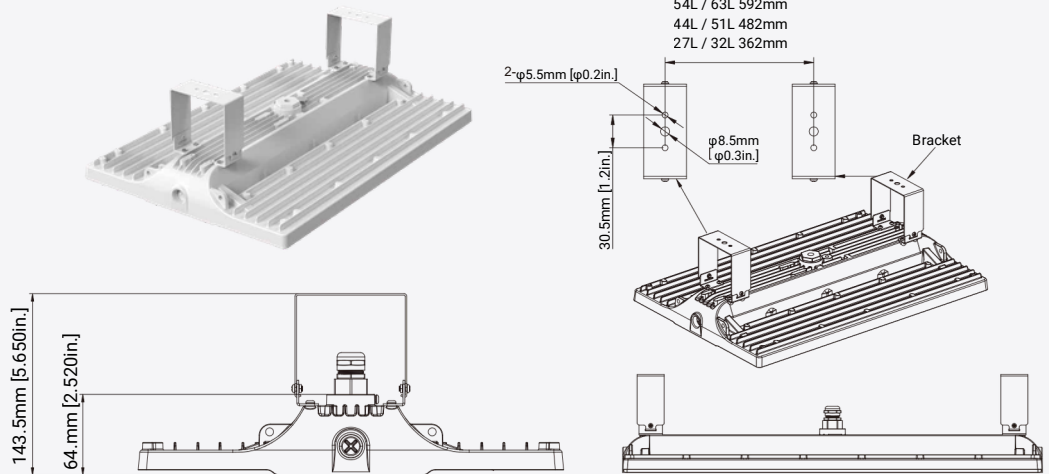
Pendant Mount

- ¾" NPT hub standard
- Conduit supplied by others



Surface Mount

- Surface mount kits (Sold separately)

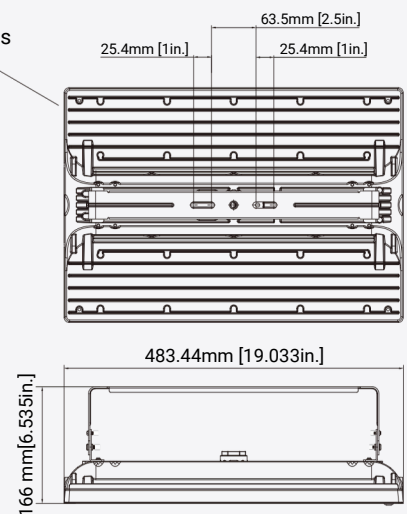


Yoke Mount

- Yoke mount bracket (Sold separately)

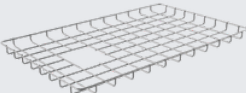


Mounting dimensions common to three sizes





High Bay Linear Elite Series

ACCESSORIES		
Photo	Part #	Description
	STANDARD	Chain 3.7' with hook (one pair)
	SMK-HBLE	Surface Mounting Kit for HBLE
	YM1-HBLE	Yoke Mount 27L/32L
	YM2-HBLE	Yoke Mount 44L/51L
	YM3-HBLE	Yoke Mount 54L/63L
	WG1-HBLE	WIREGUARD 27L/32L
	WG2-HBLE	WIREGUARD 44L/51L
	WG3-HBLE	WIREGUARD 54L/63L
	EM8	Emergency Battery Back Up 8W, 900 Lumens, 90 Minutes, 120-277V *HBLE 27L/32L*
	EM25	Emergency Battery Back Up 25W, 3500 Lumens, 90 Minutes, 120-277V *HBLE 44L/51L/54L/63L*
	EM30	Emergency Battery Back Up 30W, 4000 Lumens, 90 Minutes, 480V *All 480V Configurations*
	ANT-5-4T	Sharkward 12-24V DC 0-10V Plug and Play Microwave Sensor
	ANT-6-4T	Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor
	ANT-6-4T-BLE-SR	Sharkward Silvoir 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor
	ANT-6-4T-BLE-GE	Homewell GEBC 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor

* **NOTE:** The fixture with the external emergency backup only suits steel wire suspension rope installation and non-food zones.

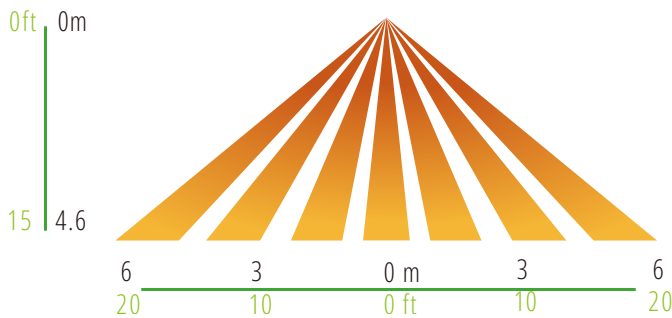


SENSOR COVERAGE PATTERNS

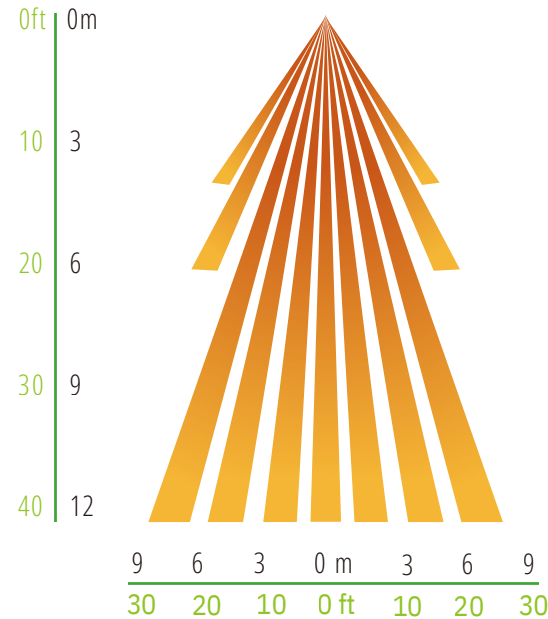
High Bay 360° Lens

- Ideal installation height: 15 to 40 ft (4.57 to 12 m)
- 15–20 ft (4.57–6.10 m) radial coverage overlaps the area illuminated by a standard high bay fixture.
- Detects large motion (e.g., walking) up to 30 ft (9 m) mounting height and extra large motion (e.g., forklifts) up to 40 ft (12 m).

LOW VIEW



HIGH VIEW





High Bay Linear Elite Series

PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE

Brand	Fixture Type	Lumen Package		Voltage
LL LITELUME	HBLE High Bay Linear Elite Series	27L 27000 Lumens 32L 32000 Lumens 44L 44000 Lumens	51L 51000 Lumens 54L 54000 Lumens 63L 63000 Lumens	UNV 120-277V HV 277-480V
CCT		Power	Distribution	Finish
SCT Selectable Color Temperature		SP Selectable Power	SD Selectable Distribution	WH White

Accessories

ANT-5-4T Sharkward 12-24V DC 0-10V Plug and Play Microwave Sensor
ANT-6-4T Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor
ANT-6-4T-BLE-SR Sharkward Silvair 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor
ANT-6-4T-BLE-GE Homewell GEBC 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor
BRI-WS204-GE Homewell GEBC 4-Button Wireless Wall Switch, Battery Powered, Wall Plate Included
RC-100 Remote Control 100
SNV-CS-10-W35J Synapse SNV-CS-10 Combo Sensor Controller, White, 3.5mm Audio
AC-EFS106-AUX.B1-HBL1-2-W Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL1-2-W Lens LLLC ****Highbay Applications up to 40 Feet****
AC-EFS106-AUX.B1-HBL3-2-W Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL3-2-W Lens LLLC ****Highbay Applications up to 50 Feet****
AC-EFS106-AUX.B1-MBL1-2-W Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & MBL1-2-W Lens LLLC ****Lowbay Applications Below 15 Feet****
WG1-HBLE Wireguard 27L/32L
WG2-HBLE Wireguard 44L/51L
WG3-HBLE Wireguard 54L/63L
YM1-HBLE Yoke Mount 27L/32L
YM2-HBLE Yoke Mount 44L/51L
YM3-HBLE Yoke Mount 54L/63L
SMK-HBLE Surface Mounting Kit for HBLE
EM8 Emergency Battery Back Up 8W, 900 Lumens, 90 Minutes, 120-277V ***HBLE 27L/32L***
EM25 Emergency Battery Back Up 25W, 3500 Lumens, 90 Minutes, 120-277V ***HBLE 44L/51L/54L/63L***
EM30 Emergency Battery Back Up 30W, 4000 Lumens, 90 Minutes, 480V ***All 480V Configurations***



High Bay Linear Elite Series

FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage	Beam
LL-HBLE-27L-UNV-SCT-SP-SD-WH	64W / 96W / 128W / 160W	11200/16600/21800/26880	3 CCT	120-277	30 / 45 / 90
LL-HBLE-32L-UNV-SCT-SP-SD-WH	80W / 120W / 160W / 200W	13200/19600/25800/31600	3 CCT	120-277	30 / 45 / 90
LL-HBLE-44L-UNV-SCT-SP-SD-WH	104W / 156W / 208W / 260W	18200/27000/35600/43700	3 CCT	120-277	30 / 45 / 90
LL-HBLE-51L-UNV-SCT-SP-SD-WH	126W / 189W / 252W / 315W	21200/31300/41200/50600	3 CCT	120-277	30 / 45 / 90
LL-HBLE-54L-UNV-SCT-SP-SD-WH	128W / 192W / 256W / 320W	21200/31300/41200/50600	3 CCT	120-277	30 / 45 / 90
LL-HBLE-63L-UNV-SCT-SP-SD-WH	160W / 240W / 320W / 400W	26400/39000/51500/63200	3 CCT	120-277	30 / 45 / 90
LL-HBLE-27L-HV-SCT-SP-SD-WH	64W / 96W / 128W / 160W	11200/16600/21800/26880	3 CCT	277-480	30 / 45 / 90
LL-HBLE-32L-HV-SCT-SP-SD-WH	80W / 120W / 160W / 200W	13200/19600/25800/31600	3 CCT	277-480	30 / 45 / 90
LL-HBLE-44L-HV-SCT-SP-SD-WH	104W / 156W / 208W / 260W	18200/27000/35600/43700	3 CCT	277-480	30 / 45 / 90
LL-HBLE-51L-HV-SCT-SP-SD-WH	126W / 189W / 252W / 315W	21200/31300/41200/50600	3 CCT	277-480	30 / 45 / 90
LL-HBLE-54L-HV-SCT-SP-SD-WH	128W / 192W / 256W / 320W	21200/31300/41200/50600	3 CCT	277-480	30 / 45 / 90
LL-HBLE-63L-HV-SCT-SP-SD-WH	160W / 240W / 320W / 400W	26400/39000/51500/63200	3 CCT	277-480	30 / 45 / 90



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ACCESSORIES ORDERING INFORMATION

Part #	Description
ANT-5-4T	Sharkward 12-24V DC 0-10V Plug and Play Microwave Sensor
ANT-6-4T	Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor
ANT-6-4T-BLE-SR	Sharkward Silvair 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor
ANT-6-4T-BLE-GE	Homewell GEBC 12-24V DC 0-10V Plug and Play Bluetooth PIR Sensor
BRI-WS204-GE	Homewell GEBC 4-Button Wireless Wall Switch, Battery Powered, Wall Plate Included
RC-100	Remote Control 100
SNV-CS-10-W35J	Synapse SNV-CS-10 Combo Sensor Controller, White, 3.5mm Audio
AC-EFS106-AUX.B1-HBL1-2-W	Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL1-2-W Lens LLLC **Highbay Applications up to 40 Feet**
AC-EFS106-AUX.B1-HBL3-2-W	Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & HBL3-2-W Lens LLLC. **Highbay Applications up to 50 Feet**
AC-EFS106-AUX.B1-MBL1-2-W	Autani Compatible - Keilton EFS106-AUX.B1 Plug and Play Bluetooth Daylight Harvesting and PIR Motion Sensor IP40 & MBL1-2-W Lens LLLC **Lowbay Applications Below 15 Feet**
WG1-HBLE	Wireguard 27L/32L
WG2-HBLE	Wireguard 44L/51L
WG3-HBLE	Wireguard 54L/63L
YM1-HBLE	Yoke Mount 27L/32L
YM2-HBLE	Yoke Mount 44L/51L
YM3-HBLE	Yoke Mount 54L/63L
SMK-HBLE	Surface Mounting Kit for HBLE
EM8	Emergency Battery Back Up 8W, 900 Lumens, 90 Minutes, 120-277V *HBLE 27L/32L*
EM25	Emergency Battery Back Up 25W, 3500 Lumens, 90 Minutes, 120-277V *HBLE 44L/51L/54L/63L*
EM30	Emergency Battery Back Up 30W, 4000 Lumens, 90 Minutes, 480V *All 480V Configurations*