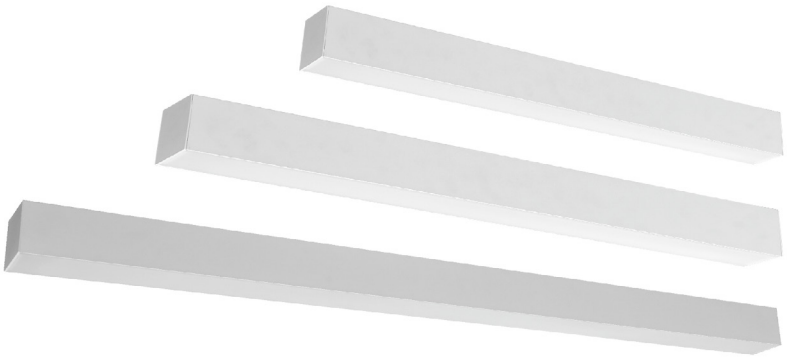
Linear Beam Architectural



Description

The LITELUME™ LED Linear Beam Architectural (LL-LBA) is a specification grade field adjustable direct/indirect luminaire designed for retrofit or new construction. Available in 2', 4', 8' sections, capable of continuous runs, connections, and multiple shape designs. Featuring a tooless "press & lock" connection. Applications include hospitals, schools, restaurants, offices, hallways, conference rooms, bathrooms and many other commercial and residential areas. Featuring 4 level lumen output and 5 color adjustable CCT, allowing for customized energy savings and comfortability.

Fixture Information

Size:	10W/12W/16W/20W/15W/20W/24W /32W/40W/48W/64W/80W
Housing:	Aluminum
Lens:	PMMA
Color:	Standard: White Optional: Black (BK) Optional: Custom (CUS)
Mounting:	Suspended Mount Surface mount for wall or ceiling Recessed Mount (T-GRID or HARD LID) Custom options available
Cord:	White 4' 18AWG 5 CONDUCTOR Black 4' 18AWG 5 CONDUCTOR White 4' 18AWG 6 CONDUCTOR Black 4' 18AWG 6 CONDUCTOR Custom options available
Sensor:	Optional
Controls:	Optional
Dimming:	Standard: 0-10V, 12Vdc auxiliary
Power Factor:	.90
THD:	<20%
CRI:	83
Operating Temperature:	-4° F to 122° F
Voltage:	Standard: 120-277V
Warranty:	10-Year Limited Warranty

Performance Data

Lumen Output:

1,100 to 9,200 lm

Lumens Per Watt (typical):

130 lm/W

CCT:

2700K
3000K
3500K
4000K
5000K

Distribution

Direct/Indirect field adjustable

Lifespan:

Up to 100,000 running hours

Ratings & Certificates

UL Listed for Damp Locations

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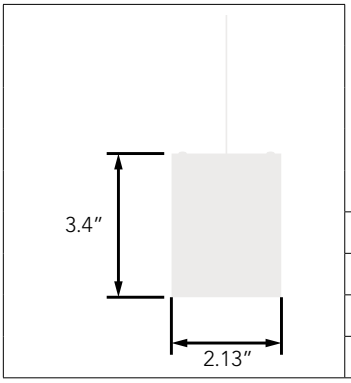
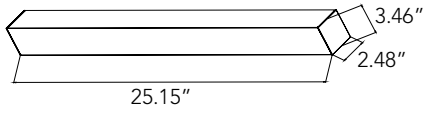
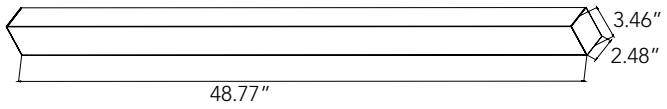
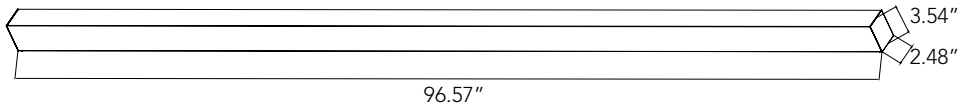
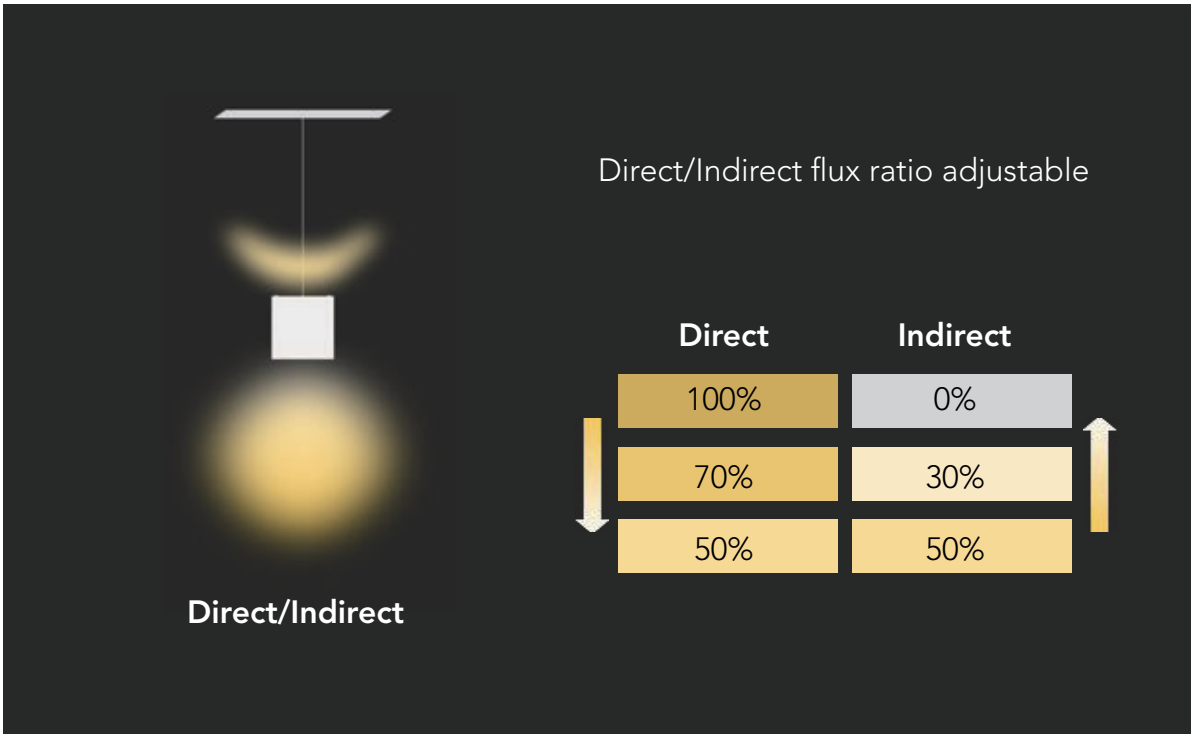
Dimension



Item	Width	Length	Height
2ft	2.13″	24.5″	3.4″
4ft	2.13″	48.1″	3.4″
8ft	2.13″	95.7″	3.4″

2ft	
4ft	
8ft	

Distribution



Connection Methods

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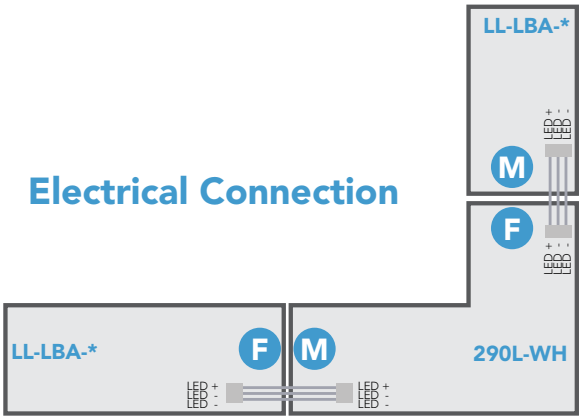
Featuring a tool-less “press & lock” connection



Control Module

Wattage Selector

Direct-Indirect flux output ratio selector

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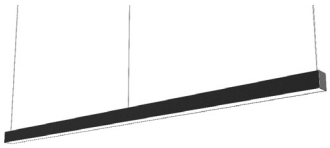
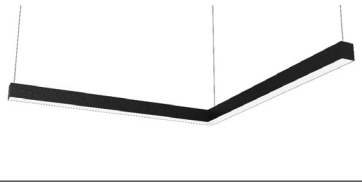
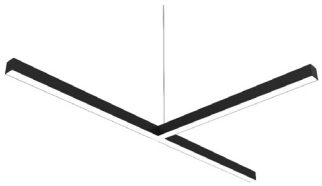
Multiple Connection Methods

Connect directly end to end for a continuous run via a tool-less "press & lock" connection	290L-WH 2 @ 90 L SHAPE CONNECTOR
	
390T-WH 3 @ 90 T SHAPE CONNECTOR	**490X-WH 4 @ 90 X SHAPE CONNECTOR**
	

Warning: Each Power Feed:Total connected load is ≤500W at 120V and ≤1000W at 277V.

Performance Data

LL-LBA2 with 2 @ 90 L SHAPE CONNECTOR

Power	10W					12W					16W					20W				
CCT	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Lumens	1089	1105	1130	1148	1183	1342	1363	1392	1415	1457	1736	1762	1800	1830	1884	2217	2251	2301	2338	2405
Efficacy	>107	>108	>110	>112	>116	>108	>109	>112	>113	>117	>108	>109	>111	>113	>116	>106	>107	>109	>111	>114

LL-LBA2 with 3 @ 90 T SHAPE CONNECTOR

Power	10W					12W					16W					20W				
CCT	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Lumens	1122	1138	1163	1182	1220	1321	1340	1384	1404	1448	1718	1745	1784	1814	1869	2193	2227	2278	2316	2384
Efficacy	>107	>108	>110	>112	>116	>108	>109	>113	>114	>118	>109	>110	>112	>114	>118	>107	>108	>110	>112	>116

LL-LBA2 with 4 @ 90 X SHAPE CONNECTOR

Power	10W					12W					16W					20W				
CCT	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K	2700K	3000K	3500K	4000K	5000K
Lumens	1080	1096	1120	1140	1177	1273	1292	1322	1344	1387	1647	1673	1717	1741	1795	2104	2137	2186	2223	2290
Efficacy	>104	>105	>108	>109	>113	>105	>106	>108	>110	>114	>105	>106	>109	>110	>113	>103	>104	>106	>108	>111

Accessories

EM8 / EM15 / EM20 Emergency Battery Back Up	BRI810-B-D SHARKWARD Line Voltage 0-10V Microwave Motion Sensor	ANT-3C Sharkward 10-14V DC 0-10V Microwave Motion Sensor
RC100 Remote Control 100	ANT-1P-4T Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor	ANT-1P-4T-BLE-SR Sharkward Silvair 10-14V DC 0-10V Plug and Play Bluetooth PIR Sensor

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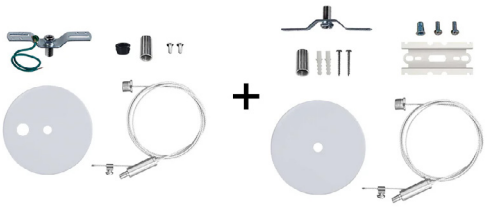
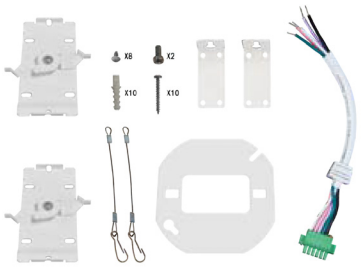
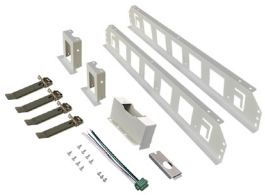
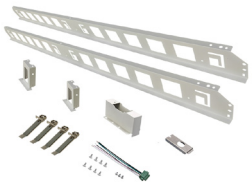
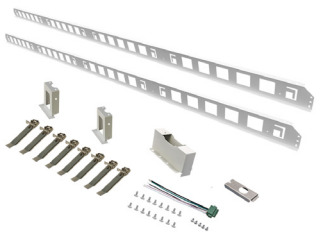
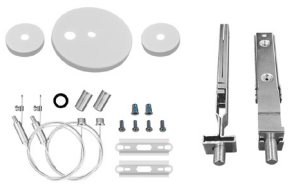
ANT-1P-4T-BLE-GE Homewell GEBC 10-14V DC 0-10V Plug and Play Bluetooth PIR Sensor	SCONN-DC Connector LBA For DC Plug And Play Sensor	LBASUS-WH Suspended Mount White Canopy Kit LBA WITH 39" AC Cable Set
		
LBASMK Surface mount kit for wall or ceiling LBA	LBA-MS-CK-WH Canopy Kit for Motion Sensor White	CORD4WH186 4' So Cord, White, 300V, 18 Gauge, 6 conductor for EM Battery Back up
		
CORD4WH185 4' So Cord, White, 300V, 18 Gauge, 5 conductor	LBA2RMK Recessed Mounting Kit LBA2	LBA4RMK Recessed Mounting Kit LBA4
		
LBA8RMK Recessed Mounting Kit LBA8	LBASUS-TGRD T-grid Suspension Mount Bracket	LBALR49 LBA Lense Field Cuttable 49' Roll
		

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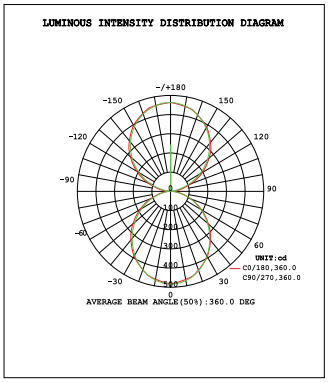
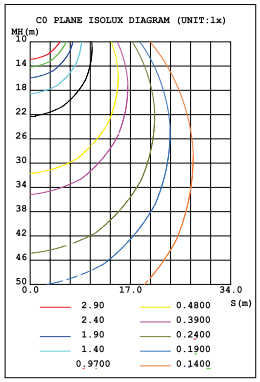
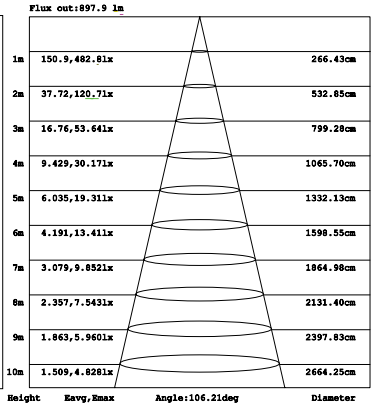
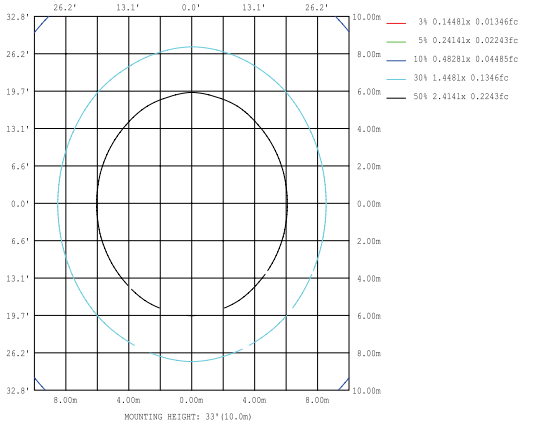
Photometrics

LL-LBA2 20W/4000K

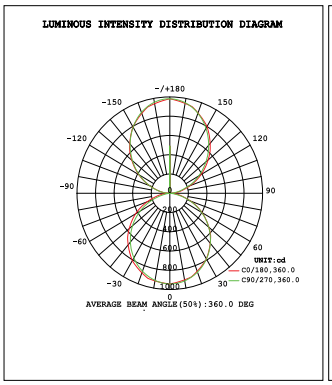


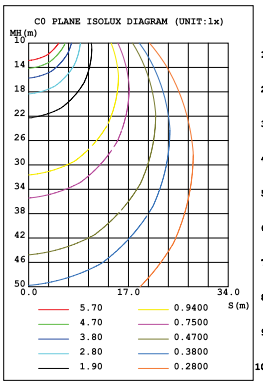


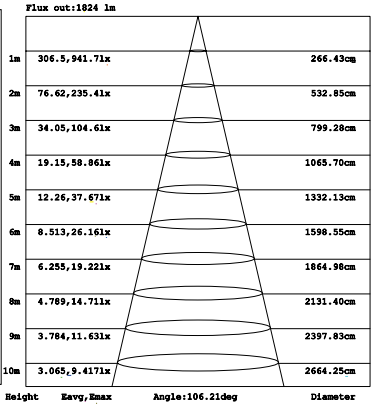


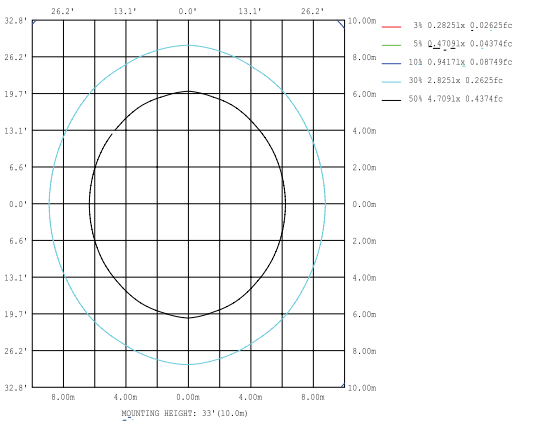


LL-LBA4 40W/4000K

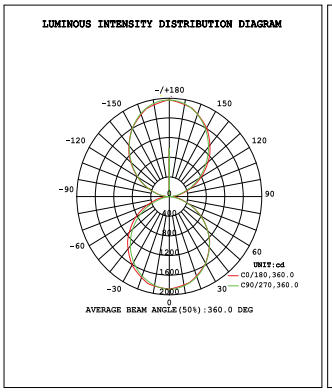


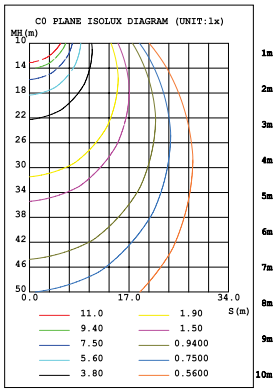


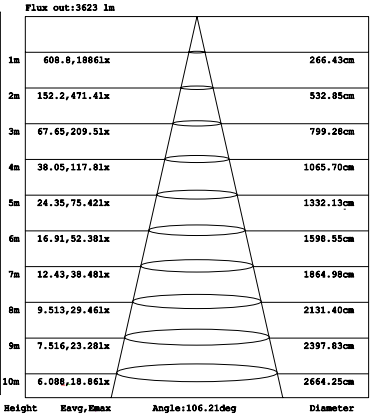


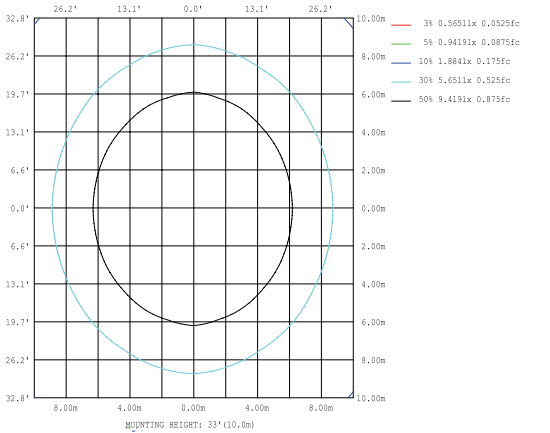


LL-LBA8 80W/4000K









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Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Fixture Ordering Information **MUST SELECT MOUNTING OPTION & POWER CORD**

Part #	Wattage	Lumens	Kelvin	Voltage
LL-LBA2-[10][12][16][20]-5CCT-UNV-WH	10W/12W/16W/20W	1100/1400/1800/2300	5CCT	120-277
LL-LBA2-[10][12][16][20W]-5CCT-UNV-BK	10W/12W/16W/20W	1100/1400/1800/2300	5CCT	120-277
LL-LBA2-[10][12][16][20W]-5CCT-UNV-CUS	10W/12W/16W/20W	1100/1400/1800/2300	5CCT	120-277
LL-LBA4-[20][24][32][40]-5CCT-UNV-WH	20W/24W/32W/40W	2200/2800/3600/4600	5CCT	120-277
LL-LBA4-[20][24][32][40]-5CCT-UNV-BK	20W/24W/32W/40W	2200/2800/3600/4600	5CCT	120-277
LL-LBA4-[20][24][32][40]-5CCT-UNV-CUS	20W/24W/32W/40W	2200/2800/3600/4600	5CCT	120-277
LL-LBA8-[40][48][64][80]-5CCT-UNV-WH	40W/48W/64W/80W	4400/5600/7200/9200	5CCT	120-277
LL-LBA8-[40][48][64][80]-5CCT-UNV-BK	40W/48W/64W/80W	4400/5600/7200/9200	5CCT	120-277
LL-LBA8-[40][48][64][80]-5CCT-UNV-CUS	40W/48W/64W/80W	4400/5600/7200/9200	5CCT	120-277

Accessories Ordering Information

Part #	Description
290L-WH	2 @ 90 L Shape Connector Kit White
390T-WH	3 @ 90 T Shape Connector Kit White
490X-WH	4 @ 90 X Shape Connector Kit White
290L-BK	2 @ 90 L Shape Connector Kit Black
390T-BK	3 @ 90 T Shape Connector Kit Black
490X-BK	4 @ 90 X Shape Connector Kit Black
290L-CUS	2 @ 90 L Shape Connector Kit Custom Color
390T-CUS	3 @ 90 T Shape Connector Kit Custom Color
490X-CUS	4 @ 90 X Shape Connector Kit Custom Color
LBASUS-WH	Suspended Mount White Canopy Kit LBA WITH 39" AC Cable Set
LBASUS-BK	Suspended Mount Black Canopy Kit LBA WITH 39" AC Cable Set
LBASUS-CUS	Suspended Mount Custom Color Canopy Kit LBA WITH 39" AC Cable Set
LBASUS-TGRD-WH	Suspended Mount For T-Grid White Canopy Kit LBA With 39" Ac Cable Set
LBASUS-TGRD-BK	Suspended Mount For T-Grid Black Canopy Kit LBA With 39" Ac Cable Set
LBASUS-TGRD-CUS	Suspended Mount For T-Grid Custom Color Canopy Kit LBA With 39" Ac Cable Set
LBASMK-WH	Surface Mount Kit For Wall Or Ceiling LBA White
LBASMK-BK	Surface Mount Kit For Wall Or Ceiling LBA Black
LBASMK-CUS	Surface Mount Kit For Wall Or Ceiling LBA Custom Color
LBA2RMK-WH	Recessed Mounting Kit LBA2 White
LBA4RMK-WH	Recessed Mounting Kit LBA4 White
LBA8RMK-WH	Recessed Mounting Kit LBA8 White
LBA2RMK-BK	Recessed Mounting Kit LBA2 Black
LBA4RMK-BK	Recessed Mounting Kit LBA4 Black
LBA8RMK-BK	Recessed Mounting Kit LBA8 Black
LBA2RMK-CUS	Recessed Mounting Kit LBA2 Custom Color

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LBA4RMK-CUS	Recessed Mounting Kit LBA4 Custom Color
LBA8RMK-CUS	Recessed Mounting Kit LBA8 Custom Color
CORD4WH185	4' So Cord, White, 300V, 18 Gauge, 5 conductor
CORD4BK185	4' So Cord, Black, 300V, 18 Gauge, 5 conductor
CORD4WH186	4' So Cord, White, 300V, 18 Gauge, 6 conductor for EM Battery Back up
CORD4BK186	4' So Cord, Black, 300V, 18 Gauge, 6 conductor for EM Battery Back up
BRI810-B-D	SHARKWARD Line Voltage 0-10V Microwave Motion Sensor **MUST ORDER WITH CANOPY KIT LBA-MS-CK**
LBA-MS-CK-WH	Canopy Kit for Motion Sensor White
LBA-MS-CK-BK	Canopy Kit for Motion Sensor Black
ANT-3C	Sharkward 10-14V DC 0-10V Microwave Motion Sensor
RC100	Remote Control 100
ANT-1P-4T	Sharkward 12-24V DC 0-10V Plug and Play PIR Sensor **MUST ORDER WITH SCONN-DC**
ANT-1P-4T-BLE-SR	Sharkward Silvair 10-14V DC 0-10V Plug and Play Bluetooth PIR Sensor **MUST ORDER WITH SCONN-DC**
ANT-1P-4T-BLE-GE	Homewell GEBC 10-14V DC 0-10V Plug and Play Bluetooth PIR Sensor **MUST ORDER WITH SCONN-DC**
SCONN-DC-WH	Connector LBA For DC Plug And Play Sensor White
SCONN-DC-BK	Connector LBA For DC Plug And Play Sensor Black
SCONN-DC-CUS	Connector LBA For DC Plug And Play Sensor Custom Color
LBALR49	LBA Lense Field Cuttable 49' Roll
BRI-WS204-GE	HOMEWELL GEBC 4-BUTTON WIRELESS WALL SWITCH, 120VAC
AC-IFS108-AUX.B1	Autani Compatible - Keilton LFS108 Integrated Bluetooth Daylight Harvesting And Pir Motion Sensor LLLC **MUST ORDER WITH SCONN-DC**
AC-MWS105E-FA102	Autani Compatible - Keilton MWS105E Integrated 12V Eco Bluetooth Microwave Sensor & FA102 Integrated Fixture Adapter LLLC
EM8	Emergency Battery Back Up, 8W, 90 Minutes **4' & 8' MODELS ONLY** / **MUST ORDER POWER CORD FOR EM**
EM15	Emergency Battery Back Up, 15W, 90 Minutes **4′ & 8′ MODELS ONLY** / **MUST ORDER POWER CORD FOR EM**
EM20	Emergency Battery Back Up, 20W, 90 Minutes **4′ & 8′ MODELS ONLY** / **MUST ORDER POWER CORD FOR EM**

* Please contact LITELUME for all Custom Option Requests

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