

LAREDO SERIES

LMC - 30LEDs

Cat.#	
Job	Type



Approvals

SPECIFICATIONS

Intended Use:

Full cut-off IDA compliant perimeter or entry lighting for 10-18ft mounting heights that require high light output and maximum energy efficiency. Laredo LMC-30 LED wallpack provides low installation costs with little or no maintenance and up to 80% energy savings. Ideal for schools, factories, hospitals, warehouses and retail applications.

Construction:

Decorative die-cast aluminum housing and door. Rugged design protects internal components and provides excellent thermal management for over 70% lumen maintenance at 50,000 hours minimum LED life. Lektrocote® series powder paint finishes provide lasting appearance in outdoor environments. Five standard finishes include: Bronze, Black, Gray, White and Platinum.

Optics/Electrical

LED:

30 High power LEDs delivers up to 7300 lumens at 700mA and up to 3489 lumens at 350mA. Variety of distributions – Types II, III and IV (Forward throw). High CRI LEDs provide excellent color rendition with up to 100 lumens per watt efficiency.

- CCT- 5000K/ 70 CRI, 4000K/ 70 CRI, 3000K/70 CRI
- Electronic driver 71w system (2 drivers, 2 circuits), 0.4 AMPS max, or 35w (1 driver, 2 circuits), 0.3 amps max, 120-277V and 347V and 480V, 50/60Hz
- Surge protection – 20KA; Turns fixture off at end of life; Includes LED for end of life indication (see surge suppressor page 2)

Lenses:

Full cut-off distribution - individual acrylic LED optics provide IES Type II, III and IV distributions.

Installation:

Quick mount system provides rigid mounting over recessed junction boxes – fixture does not require opening for mounting. Foam gasket for sealing to smooth surfaces provided. Superior performance with 5 to 1 spacing to mounting height ratio. Minimum operating temperature is -40°C/ -40°F.

Controls:

Drivers are 0-10V dimming standard. Photocell and occupancy sensor options available for complete on/off and dimming control.

Listings:

- Listed to UL1598 for wet locations
- 40° C ambient environments
- U.S. Patent No. D563,587
- DesignLights Consortium (DLC) qualified, Consult DLC website for more details: <http://www.designlights.org/QPL>
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020. See [Buy American Solutions](#)

LMC-30LU Egress Wallpack:

Designed to meet strict 1fc minimum requirements. At 12ft mounting height 1fc covers 16x16ft area, well beyond the 10x10ft standard; No uplight, external test button; 120V or 277V only; Rated -20° C to 35° C

Warranty:

Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

PRODUCT IMAGE(S)



LMC-30LU

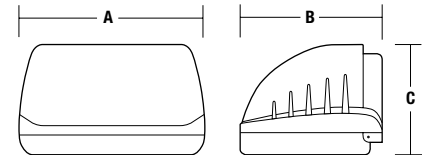


LMC-30LU Motion Sensor



LMC-30LU BBU

DIMENSIONS



A	B	C
16.0" (406 mm)	12.125" (308 mm)	9.0" (229 mm)



ORDERING INFORMATION

ORDERING EXAMPLE: LMC-30LU-5K-3-1-PC(4)

SERIES	NUMBER OF LEDS/SOURCE/VOLTAGE	CCT	DRIVE CURRENT	FINISH	OPTIONS
LMC	30LU 30 LEDs, Universal voltage 120-277V	3K 3000K nominal	BLANK STD 700MA	BLT Blac Matte Textured	BBU¹ Integral battery for 120 or 277V rated for -20° C ambient; Available in 350mA (035) drive current only
	30L1 30 LEDs, 120V	4K 4000K nominal	035 350MA	BLS Black Gloss Smooth	PC¹ Button photocontrol (must specify voltage per footnote 1, not available in 480V)
	30L2 30 LEDs, 208V	5K 5000K nominal		DBT Dark Bronze Matte Textured	F¹ Fusing (specify voltage per footnote)
	30L3 30 LEDs, 240V			DBS Dark Bronze Glass Smooth	SCP^{2,3} Programmable motion control, factory default is 10% light output
	30L4 30 LEDs, 277V			GTT Graphite Matte Textured	
	30LF 30 LEDs, 347V			LGS Light Grey Gloss Smooth	
	30L5 30 LEDs, 480V			PSS Platinum Silver Smooth	
		IES DISTRIBUTION		WHT White Matte Textured	
		2 Type II		WHS White Gloss Smooth	
		3 Type III		VGT Verde Green Textured	
		4 Type IV (Forward throw)		COLOR OPTION	
				CC Custom Color	SPECIFY SCP HEIGHT
					8F Up to 8ft mount height
					20F Up to 20ft mount height

1 Specify voltage, for PC(X) and F(X), replace X with 1-120V, 2-208V, 3-240V, 4-277V, 6-347V, 5-480V
 2 Must order minimum of one SCP-REMOTE to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120V-277V only
 3 PC option not applicable, included in sensor



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 Due to our continued efforts to improve our products, product specifications are subject to change without notice.
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ACCESSORIES/REPLACEMENT PARTS - Order Separately

Catalog Number	Description
LMC-SPC	Polycarbonate shield
PBT-1	120V button photocontrol
PBT-234	208/240/277V button photocontrol
93044764	40w, 700mA, 120-277V, 0-10V dimming driver
93052458	20KA surge protection with an end of life LED indicator
SCP-REMOTE	Remote control for SCP option; order at least one per project to program and control

PERFORMANCE DATA

# OF LEDS	DRIVE CURRENT	SYSTEM WATTS	DIST. TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 80 CRI)						
				LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G	LUMENS	LPW ¹	B	U	G		
30	BBU*	-	3	1546*	-	-	-	-	1405*	-	-	-	-	-	1101*	-	-	-	-	
			2	3870	111	1	0	1	3813	109	1	0	1	3622	103	1	0	1		
			3	3972	113	1	0	1	3913	112	1	0	1	3717	106	1	0	1		
	350mA	35w	4	3903	112	1	0	2	3845	110	1	0	2	3653	104	1	0	2		
			2	7064	101	2	0	2	6960	99	2	0	2	6612	94	2	0	2		
			3	7315	105	1	0	2	7207	103	1	0	2	6847	98	1	0	2		
			4	7141	102	1	0	3	7035	101	1	0	3	6683	95	1	0	2		
			700mA	70w	2	7064	101	2	0	2	6960	99	2	0	2	6612	94	2	0	2
					3	7315	105	1	0	2	7207	103	1	0	2	6847	98	1	0	2
					4	7141	102	1	0	3	7035	101	1	0	3	6683	95	1	0	2
3	7315	105			1	0	2	7207	103	1	0	2	6847	98	1	0	2			

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application. Please consult IES files for BUG ratings.
*BBU emergency mode lumen output.

ELECTRICAL DATA

# OF LEDS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
30	-035 (350mA)	120	0.33	35.00
		277	0.14	35.00
	STD. (700mA)	120	0.60	70.00
		208	0.35	70.00
		277	0.26	70.00
		347	0.22	70.00
		480	0.16	70.00

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	OPERATING HOURS					
	0	25,000	50,000	TM-21-11 ¹ L96 60,000	100,000	L70 (hours)
25°C / 77°F	1.00	0.97	0.95	0.95	0.92	>539,000

1. Projected per IESNA TM-21-11 * (Nichia 219B, 700mA, 85°C Ts, 10,000hrs)
Data references the extrapolated performance projections for the LMC-30LU-5K base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0° C	32° F	1.02
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	1.00
40° C	104° F	0.99
50° C	122° F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

SURGE PROTECTION

- Field replaceable surge protection device (SPD) provides 20KA and 10KV protection meeting ANSI/IEEE C62.41.2 Category C High and Surge Location Category C3
- The SPD is designed with a clamping voltage of 1600V at 20KA using industry standard 8/20µs waveform
- Max surge current = 20,000 Amps (see table)
- LED Indicator – Green LED is unlit at end of life

Pulse Rating (8 x 20 µSec)		I _n	cRUus 10KA	GE 5KA
Strikes	Surge			
1	20,000 A			
2	15,000 A			
15	10,000 A			
120	3,000 A			