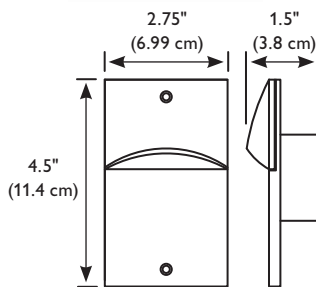


LP Series

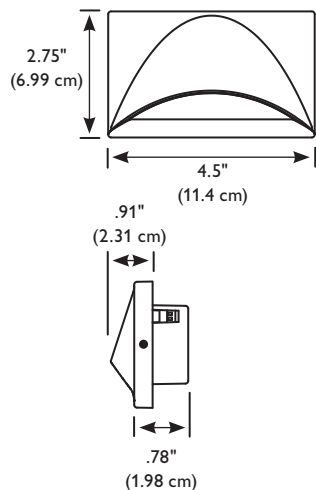
Low Level Recessed LED Luminaire

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LP1SBK



LPH1SBK



Features

Illumination: The LP Series LED utilizes three high performance white LEDs combined with a solid-state integral driver circuit. A user-selectable, three level intensity control or an optional line voltage dimmable driver (120 VAC models only) are available. The LP Series with white LEDs operates at 3,500 K nominal with a minimum CRI of 80. The amber LEDs operate at a nominal wave length of 600 nm.

Housing: Assembled from premium die cast aluminum and painted in a durable powder coat finish. Numerous standard finishes available with optional finishes available for custom projects. Assembled as a one-piece device that includes the LED light engine, integral power supply, three level intensity control or line voltage dimmable driver (120 VAC models only). All LED and electrical components are protected by both a polycarbonate lens, and high impact power supply case that will be located within the junction box.

Electrical Specifications:

Current at dip switch setting
12 VDC: low 0.140 A,
medium 0.330 A, high 0.430 A
12 VAC: low 0.220 A,
medium 0.465 A, high 0.585 A
120 VAC: low 0.035 A,
medium 0.065 A, high 0.085 A
120 VAC line voltage dimmable:
60 Hz, 0.072 A

Operation: “Normally On” remote power supplies (LPS Series) are available from 100 VA to 500 VA in 12 VAC. Power supplies (120 VAC input) conform to UL 1598 and are rated as Class 2 Distribution systems. All power supplies are furnished in a UL type 3R enclosure and are provided with thermal type secondary output circuit protection. “Normally Off/ Emergency” remote power can be provided by any Lightolier 12V emergency lighting product with additional remote capacity (example: C3250 or C3275 Series). “Normally On/ Emergency” remote power can be provided by Lightolier LPE emergency power system. The LPE system will support up to 20 LP Series 12 V luminaires operating in both continuous duty and emergency operation for 90 minutes.

Warranty

Five-year full electronics warranty.

Electronics: Designed with all solid-state components with a rating of 10 years of continuous “normally on” use. Electrical connection is made via two flying leads. Standard product incorporates dip switches on rear of product allowing three levels of intensity. An optional line voltage dimmable driver is available on 120 VAC models (see factory options). The line voltage dimmable driver requires a reverse-phase ELV dimming system. See LP Series Compatible Dimmer specification sheet.

Operating Temperature

Range: Standard wet location -31°F (-35°C) to 104°F (40°C)

Code Compliance

UL 1598 and 924 listed. UL listed for wet locations. NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. Meets ADA specifications for wall mounted lighting fixtures.

Job Information	Type:
Job Name:	
Cat. No.:	
Notes:	

PHILIPS
LIGHTOLIER

LP Series

Low Level Recessed LED Luminaire

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Ordering Information

Series	Input Voltage	Lens	Finish	Factory Options
LP = Low Level Emergency Lighting Product LPH = Horizontal Low Level Emergency Lighting Product	1 = 12V AC, DC 2 = 120 VAC	S = Satin	WH = White BK = Black IV = Ivory A = Aluminum G = Gunmetal BR = Ornamental Bronze AC = Aged Copper VG = Velvet Green GA = Granite N = Nickel	DIM = Line Voltage Dimmable ¹ AMB = Amber LEDs BLU = Blue LEDs

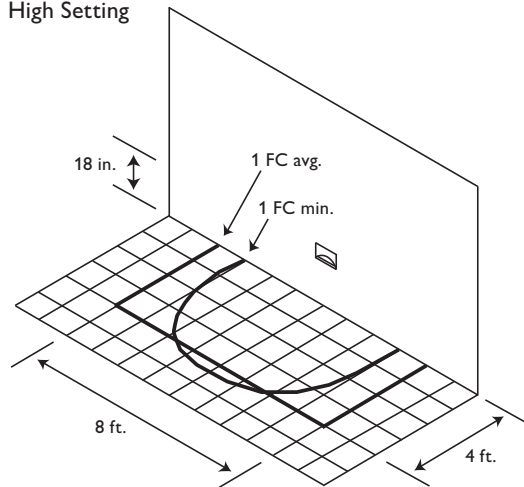
Note

1) Line voltage dimmable driver available only with 120 VAC (LP2, LPH2) models.

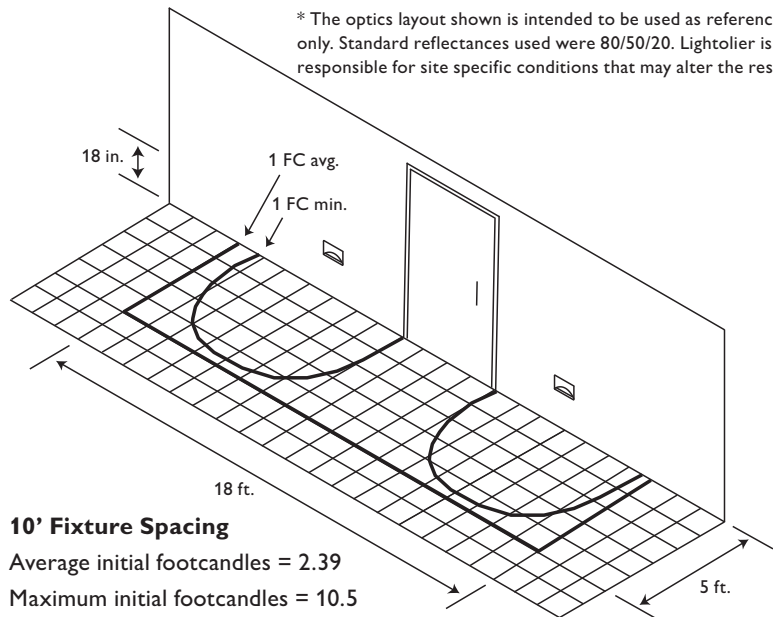
Optics

Wall Mounted 18" AFF

High Setting



Average initial footcandles = 3.11
 Maximum initial footcandles = 10.1
 Minimum initial footcandles = 0.4
 Maximum to minimum ratio = 25.25



* The optics layout shown is intended to be used as reference only. Standard reflectances used were 80/50/20. Lightolier is not responsible for site specific conditions that may alter the results.

10' Fixture Spacing

Average initial footcandles = 2.39
 Maximum initial footcandles = 10.5
 Minimum initial footcandles = 0.3
 Maximum to minimum ratio = 35.00

Lumen Output

The following data represents absolute lumen output in accordance with test method IESNA LM-79-08.

	Vertical, Lumens				Horizontal, Lumens		
	Low	Med	High		Low	Med	High
12 VAC/VDC	57.1	123.5	156.0	12 VAC/VDC	54.2	113.1	148.8
120 VAC	65.5	123.8	156.0	120 VAC	62.9	119.3	148.7
120 VAC DIM		162.6		120 VAC DIM		128.7	



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LP Series June 21, 2012

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Job Information Type: