

# LIGHTPLANE 70 SM OD

## Project

Name:

Type:



Meet the Lightplane 70 OD, engineered and made in Australia for maximum versatility and efficiency, the LPL70 OD comes with an economic opalised diffuser that provides a homogenous and dot-free lighting solution. It features customizable lengths, angles, and shapes with a variety of diffuser choices, tailored for a dynamic industry. With an industry leading 127lm/W efficacy, it guarantees superior energy performance. The LPL70 is quick to install with the simple Zephyr-Link click lock gear tray for maintenance and future upgrades. Available finishes include white, black, or natural anodised, plus custom RAL colours. A MacAdams step <2, and standard high CRI of 90+, ensuring excellent light quality for any space and is backed by a 5-year warranty (extendable up to 10 years).

### Components

Philips Fortimo LED Boards  
 Integral Philips LED Driver (Flicker Free)  
 Homogenous Opal Diffuser  
 Zephyr-Link Click Lock Gear Tray

### Construction

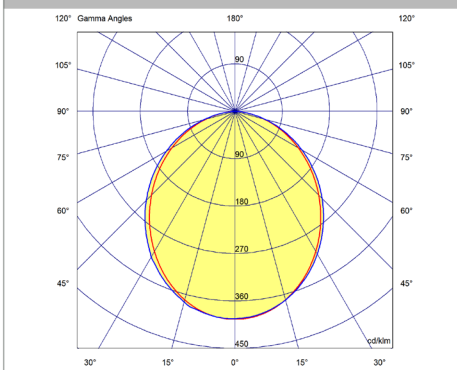
Extruded Aluminium Housing  
 Screwless CNC End Caps  
 Supplied Pre-Built  
 Mitred & Welded Joints Available  
 Light-Leak Free Joining Technology

### Finish

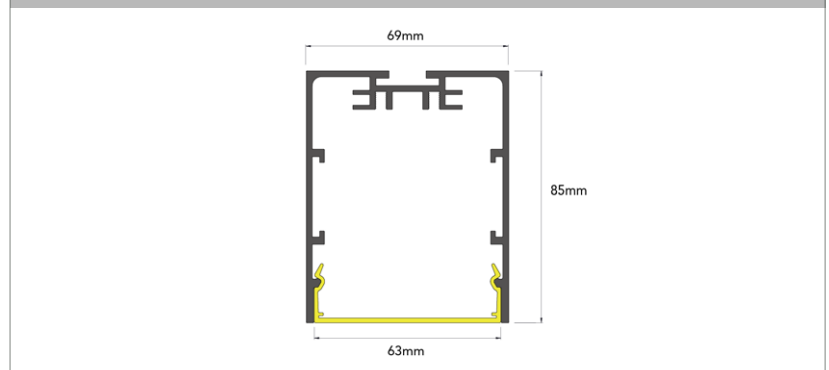
White, Black, Natural Anodised Standard (Other RAL avail)



### Polar Diagram



### Nominal Dimensions



### Lifetime Data & Other

L80/B10 lumen maintenance of >90,250hrs (Reported)  
 Ambient tested operating temperature of 25°C  
 ERAC Certified, #284  
 Class I Luminaire  
 IP20 from below / IP20 from above

### Warranty

5-Year Standard  
 7-Year Extended  
 10-Year Extended

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## TECHNICAL INFORMATION

### Technical Electrical

220-240v Input Voltage

50-60hz Input Frequency

PF (Power Factor) >0.97 (lowest)

200mA - 1000mA operating current

Min / Max dim level 1% to 100%

### Colourmetric Data (4000K)

3953K (4000K ANSI) Colour temperature on initial

90+ Colour rendering on initial

MacAdams 2.3

R9 value 68

COI: Yes (2.88)

### Optical Parameters

103° Beam



Cat No.	Output	Wattage	Efficacy	CCT (K)	CRI	Size
LPL70.SM.10WM.FO.OD.930.BK	1160lm/m	10W/m	116lm/w	3000K	90+	69 x 85
LPL70.SM.10WM.FO.OD.940.BK	1193lm/m	10W/m	119lm/w	4000K	90+	69 x 85
LPL70.SM.14WM.FO.OD.930.BK	1679lm/m	14W/m	119lm/w	3000K	90+	69 x 85
LPL70.SM.14WM.FO.OD.940.BK	1762lm/m	14W/m	125lm/w	4000K	90+	69 x 85
LPL70.SM.20WM.FO.OD.930.BK	2370lm/m	20W/m	118lm/w	3000K	90+	69 x 85
LPL70.SM.20WM.FO.OD.940.BK	2536lm/m	20W/m	126lm/w	4000K	90+	69 x 85
LPL70.SM.24WM.FO.OD.930.BK	2821lm/m	24W/m	117lm/w	3000K	90+	69 x 85
LPL70.SM.24WM.FO.OD.940.BK	3019lm/m	24W/m	125lm/w	4000K	90+	69 x 85

### Control Gear Options

Fixed Output LPL.70.SM.10WM.**FO**.OD.930.BK

DALI LPL.70.SM.10WM.**DA**.OD.930.BK

Casambi LPL.70.SM.10WM.**CA**.OD.930.BK

### Colour Finish Options

Black LPL.70.SM.10WM.FO.OD.930.**BK**

White LPL.70.SM.10WM.FO.OD.930.**WH**

Natural Anodised LPL.70.SM.10WM.FO.OD.930.**NA**

Custom LPL.70.SM.10WM.FO.OD.930.**CC**