

Technical Specifications Summary



Performance Summary:

Code (Series-Wattage/Size)	DIA-30	DIA-45	DIA-60	DIA-90
Nominal Power	30W	45W	60W	90W
Luminaire Efficacy @ CRI>70, 3000K CCT	150lm/W	156lm/W	167lm/W	154lm/W
Lumen Output @ CRI>70, 3000K CCT	4,500lm	6,930lm	10,020lm	13,860lm
Lumen Maintenance (TM21 Calculated)	L90B10 ≥50,000 hours			
Certification	CE, RoHS			
Product Warranty	5 Years			

Light Source and Photometric Parameters:

Chip Brand, Model, & Size	Philips
Light Emission	Direct
CCT	3000K
CRI	≥70
SDCM	<6
Diffusers	Clear
Asymmetric Light Distribution	A1

Electrical Parameters¹:

System Operating Power	30W	45W	60W	90W
Driver Brand	Osram			
System Power Factor	>0.95			
Typical Driver Lifetime	50,000 hours			
Input Voltage	220-240VAC			
Input Frequency	50-60Hz			
Power Factor	>0.95			
THD	<15% (220-240VAC)			

Environmental Parameters:

IP Rating	IP65
IK Rating	IK08
Ambient Usage Tolerance	-40°C to 50°C
Ambient Storage Tolerance	-40°C to 50°C

Physical/Mechanical Parameters:

Product Dimensions: LxWxH (mm)	1511 x 117 x 83
Fixture Weight ²	5.5kg
Fixture Primary Material(s)	Aluminium Alloy



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Dimming/Controls Parameters:				
Dimming Options	1-10V, DALI			
Compatible intelligent lighting systems	Wireless Controls and Monitoring			
Options/Accessories:				
Mounting Styles	Surface mounted			
Available Product Colours	Silver			

¹ Electrical Parameter data is for D1 drivers, unless otherwise stated

² Excludes bracketry. Refer to the Packaging Weights & Dimensions data sheet for bracketry and accessory weights

All stated values should be considered indicative only. Technical data is provided from sample luminaires and construction components as assessed by OEM(s) under industry-standard, laboratory conditions. In practice, stated values can vary. Kellwood Lighting operates a policy of continual product improvement. Our luminaires' capabilities are regularly enhanced to outperform in-class market alternatives. Please contact our technical team directly for clarifications prior to purchase. All images depicted should be considered indicative only. Stated product warranty periods do not include associated labour costs. Stated product warranty periods are for UK projects only. For international projects, please contact our offices directly. Optional upgrades can often affect or supersede unit technical parameters, capabilities, and warranties. It is the responsibility of the purchasing authority to ensure selected hardware is suitable for application. For further documentation, including Returns Policy and Conditions of Unit Failure, please contact our offices. Hazardous area documentation (eg. ATEX) are issued to OEM codes. Please do not look directly at LED lighting products during operation.

This datasheet & corresponding certification should be reviewed by a competent person to ensure project suitability.

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