The Arc Downlight

Datasheet

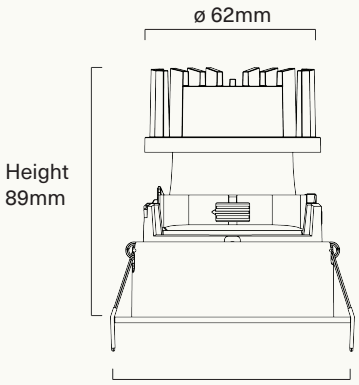


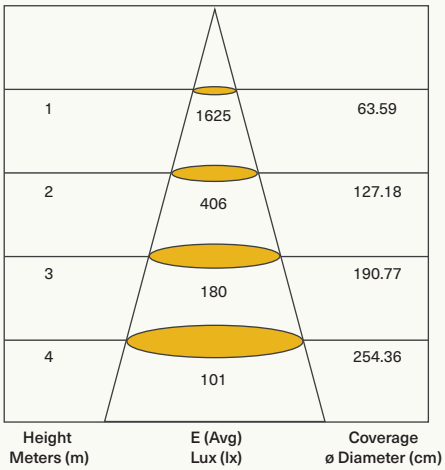
Diagram 1.

Electrical Parameters

Input Voltage	220 to 240V
Power Usage	12W
Driver Type	LED Driver Zigbee 3.0
Driver Model	NLD-ZB-MOD-12WCCT
Safety Mark License	220875-11

Lighting & Optical

LED Source	Bridgelux Vesta COB (Module 2)
Light Colour	2700K to 6500K
Standard Beam Angle	36°
Adjustability	Rotate 355° | Tilt 30°
Colour Rendering Index (CRI)	Typ: ≥92Ra
Luminous Flux (lm)	948 Lumens at 6500K
Standard Deviation of Colour Matching (SDCM)	<3 MacAdam Steps
LED Source Brand	Bridgelux



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Hardware Specifications & Dimensions (mm)

Dimensions	
The Scope	Refer to diagram 1.
Driver	L111 x W42 x H25
Driver Material	Polycarbonate
Arc Frame Material	Aluminium
Arc Finishing	White / Black
Arc Baffle Finishing	White / Black / Gold
Ingress Protection Code	IP20
Lifespan	25,000 hours

Compatibility

Protocol	Zigbee 3.0
Integration Services	Google Assistant
	Amazon Alexa
	Samsung SmartThings
	Apple HomeKit*
	*Near Apple HomeKit Hub Required
Zigbee Hub Required	Yes (Not included)
	Works with Near Hub Air
	Works with Near Zigbee Hub (HomeKit)
Smartphone Operating System	Android 4.0+
	iOS 8.0+

Certification

Warranty	5 Years Standard Warranty
Compliance	Singapore Safety Mark
	TUV-SUD CB Certificate
	IMDA Approved
	CE, ROHS