



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
Light Colour	2700K to 6500K
Standard Beam Angle	36°
Colour Rendering Index (CRI)	Typ: ≥92Ra
Luminous Flux (lm)	1100 Lumens at 6500K
Standard Deviation of Colour Matching (SDCM)	<3 MacAdam Steps
LED Source Brand	Bridgelux

Height Meters (m)	E (Avg) Lux (lx)	Coverage ø Diameter (cm)
1	1639	64.07
2	409	128.14
3	182	192.21
4	102	256.28

**Hardware Specifications & Dimensions (mm)****Dimensions**

<b>Module 2</b>	Refer to diagram 1.
<b>Driver</b>	L111 x W42 x H25
<b>Housing Material</b>	Aluminium
<b>Driver Material</b>	Polycarbonate
<b>Finishing</b>	Black
<b>Ingress Protection Code</b>	IP20
<b>Lifespan</b>	25,000 hours

**Compatibility**

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

**Certification**

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