

Nexus

SPECIFICATION DOCUMENT

RICOMAN®



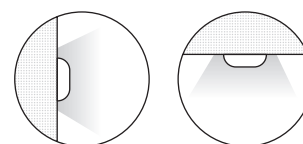
5 YR
WARRANTY

IP65

IK09

Overview

Surface mounted LED luminaire with switchable colour temperature and wattage, that is particularly fast and easy to install. IP65 rated, Nexus is suitable for high humidity areas and can be used for interior or exterior applications. White as standard, it is also available with integral microwave, emergency or combination.



Finish: ☐ White
☒ Black
☐ Grey - RAL 7036

Power: **Switchable 9W, 12W & 16W**

Kelvin: **Switchable 3000K, 4000K, 5000K & 6000K**

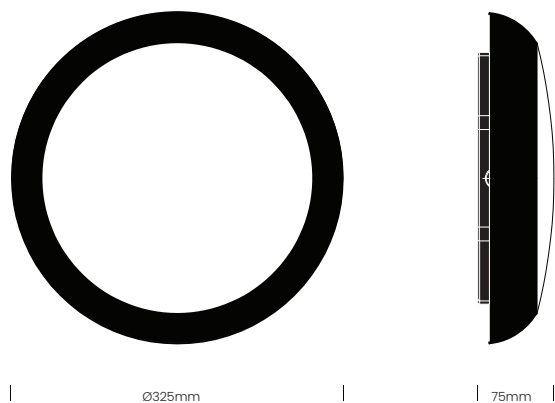
Controls
& Options: **Microwave Emergency**

UK
CA

CE

✓
RoHS

Technical Drawings



Overview

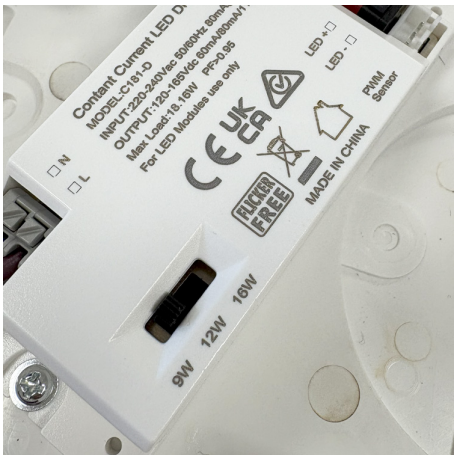
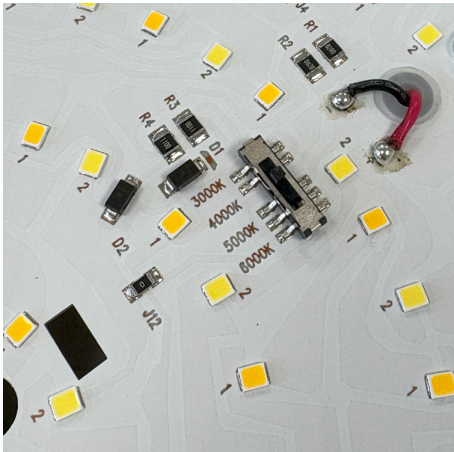
Applications	Interior
Construction Material	ABS
Diffuser Type	Polycarbonate
IP Rating	IP65
IK Rating	IK09
Mounting	Ceiling and wall mounted
Weight (kg)	1.80
Ambient Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Warranty	5 years

Luminaire Output

Colour Temperature	3000K, 4000K, 5000K, 6000K
CRI	85 Ra
Beam Angle	120°
Operating Hours	50,000
Macadam Ellipse	<3
L70 B50	70,000 Hours

Supply & Power

Voltage Range	AC220-240V
Power Factor	>0.9
Inrush Current	<10A
Running Voltage	153
Protection Class IEC	Class II
Driver	Integral
Cable entry	Back



Product Codes & Specifications

Code	Wattage	Lumens	Efficacy	Kelvin	Running Current
R181401 Nexus with white open bezel	9W	1253	139 lm/W	3000K	60mA
	9W	1305	145 lm/W	4000K	60mA
	9W	1279	142 lm/W	5000K	60mA
	9W	1266	141 lm/W	6000K	60mA
	12W	1670	139 lm/W	3000K	80mA
	12W	1740	145 lm/W	4000K	80mA
	12W	1705	142 lm/W	5000K	80mA
	12W	1688	141 lm/W	6000K	80mA
	16W	2227	139 lm/W	3000K	110mA
	16W	2320	145 lm/W	4000K	110mA
	16W	2274	142 lm/W	5000K	110mA
	16W	2250	141 lm/W	6000K	110mA

Options

Part Code	Option
R181-01	Plug In Sensor Pack
R181-02	Plug In Emergency Pack

Additional Accessories

Code	Accessory
R181-BK-OP	Black open bezel
R181-BK-EYE	Black eyelid bezel
R181-WT-EYE	White eyelid bezel
R181-GR-OP	Grey RAL 7036 open bezel



R181-02



Grey bezel - RAL



R181-01



Black bezel