PERFORMANCE+ DOWNLIGHT 145MM CUTOUT 850LM 8W 4000K TRIAC DIMMABLE 106LM/W IP54 WHITE

ILDL145F016

The Integral LED 8W Watt Downlight delivers a cool white light and equivalent light output to traditional compact fluorescent. It incorporates a Polycarbonate diffuser and excellent thermal management to ensure a consistent light, long life and minimal maintenance. Ideal for commercial offices and buildings, retail premises and airports. A constant current dimmable LED Driver is included as standard in this product. All Integral LED drivers and downlights benefit from our simple click and lock connectivity system.

Details

Quick Order Code:	146255
Barcode:	5055788253532
Category:	Downlights
Range Name:	Performance+
Product Type:	LED Downlights
Product Body Finish:	Matt white
Market Segment:	Commercial indoor
Warranty (Years):	5
CE RoHS:	Yes

Physical Data

Product Depth (mm):	26
Product Weight (g):	350
Optic:	Polycarbonate diffuser
Material:	Aluminium, Polycarbonate
Overall diameter (mm):	160
Construction:	Die cast Aluminium heat-sink and body, Polycarbonate sheet diffuser
Cut Out Diameter (mm):	145
Luminaire Fixing:	Recess mounted
Placement / Application:	Indoor, General Lighting

Electrical Data

Power (W):	8
Power Consumption (w):	8
Power Factor:	0.5

Wattage equivalent (W):	18
Wattage Saving (W):	10
Dimming:	TRIAC
Driver Included:	Yes
Electric Current:	AC
EN:	EN-60598
LVD Certified:	Yes

Light Data

Luminous Flux in Lumens (lm):	850
Luminous efficacy (lm/W):	106
Peak Intensity (Cd):	430
Correlated Colour Temperature (CCT) (K):	4000
Colour Temperature:	4000K - Cool White
Colour Temperature Name:	Cool White
Beam Angle:	90
Colour Rendering Index (CRI):	80
Frequency Range (Hz):	50/60
Instant on (Less than 1 second):	Yes
LED Size (mm):	2835
LED Type:	Surface mounted device (SMD)
Lifetime (hours):	50000
Switching Cycles:	20000

Environment

EN:	EN-60598
LVD Certified:	Yes
CE RoHS:	Yes
Hg 0% (Mercury Free):	Yes
IP Rating (Ingress Protection):	IP54
Lowest Operating Temperature (°C):	-20
Maximum Operating Temperature (°C):	40

Packaging

Package Weight (g):	400
Package Length (mm):	170
Package Width (mm):	170
Package Depth (mm):	65

Portal.integral-led.com