

**PERFORMANCE+ DOWNLIGHT 200MM CUTOUT 1180LM 12W 4000K TRIAC  
98LM/W WHITE INTEGRAL**

ILD200F002



The Integral LED 12W 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**

<b>Quick Order Code:</b>	306736
<b>Barcode:</b>	5055788232711
<b>Category:</b>	Downlights
<b>Range Name:</b>	Performance+
<b>Product Type:</b>	LED Downlights
<b>Product Body Finish:</b>	Matt white
<b>Market Segment:</b>	Commercial indoor
<b>Warranty (Years):</b>	5
<b>CE RoHS:</b>	Yes

**Physical Data**

<b>Product Depth (mm):</b>	27
<b>Product Weight (g):</b>	800
<b>Optic:</b>	Polycarbonate diffuser
<b>Material:</b>	Aluminium, Polycarbonate
<b>Overall diameter (mm):</b>	230
<b>Construction:</b>	Die cast Aluminium heat-sink and body, Polycarbonate sheet diffuser
<b>Cut Out Diameter (mm):</b>	200
<b>Luminaire Fixing:</b>	Recess mounted
<b>Placement / Application:</b>	Indoor, General Lighting

**Electrical Data**

<b>Power (W):</b>	12
<b>Power Consumption (w):</b>	12
<b>Power Factor:</b>	0.9

<b>Wattage equivalent (W):</b>	26
<b>Dimming:</b>	TRIAC
<b>Driver Included:</b>	Yes
<b>Electric Current:</b>	AC
<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes

## Light Data

<b>Luminous Flux in Lumens (lm):</b>	1180
<b>Luminous efficacy (lm/W):</b>	98
<b>Peak Intensity (Cd):</b>	421
<b>Correlated Colour Temperature (CCT) (K):</b>	4000
<b>Colour Temperature:</b>	4000K - Cool White
<b>Colour Temperature Name:</b>	Cool White
<b>Beam Angle:</b>	90
<b>Colour Rendering Index (CRI):</b>	80
<b>Compatible Dimmers:</b>	Varilight JQP401W
<b>Instant on (Less than 1 second):</b>	Yes
<b>LED Size (mm):</b>	4014
<b>LED Type:</b>	Surface mounted device (SMD)
<b>Lifetime (hours):</b>	35000
<b>Switching Cycles:</b>	20000

## Environment

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

## Packaging

<b>Package Weight (g):</b>	900
<b>Package Length (mm):</b>	250
<b>Package Width (mm):</b>	240
<b>Package Depth (mm):</b>	65