



# Punch V2 Round LED Downlighter

25W

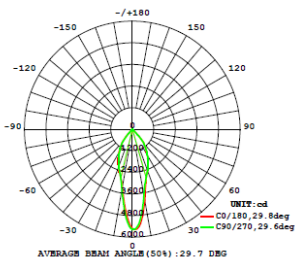
## Applications:

Residential and Commercial Applications.

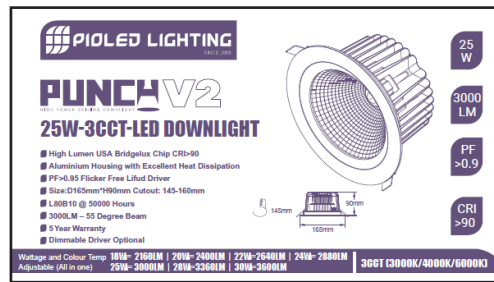
- Tornado inspired reflector designed to enhance brightness.
- Oversized Razor Cooling Fins efficiently pulling heat away from the COB LED chip giving the luminaire an L80B10 @ 50 000hrs rated lifespan.
- High Lumen USA Bridgelux LED Chip with an effective 120lm/W maximising energy savings.
- CRI>90 allowing this product to be used in even the most delicate retail or commercial environments.
- Quick and easy installation/ maintenance options with our snap & slide connectors seamlessly pairing the downlight & LED power supply.
- Robust, high power factor >0.9 flicker free Lifud LED power supply with a built in 2kV surge protection.
- Ultra strong spring back clips allowing for a flush clean finish once installed.

Product Performance	
<b>Wattage</b>	18/20/22/25/28/30W
<b>Colour Temperature &amp; Stock Code</b>	<b>HD009</b> 3CCT (3000K/4000K/ 6000K)
<b>Operating Temperature</b>	-20~45°C
<b>Life Span/ LB Rating</b>	L80B10@50000
<b>IP Rating</b>	IP44
<b>LED Driver</b>	Flicker free Lifud Driver
<b>Beam Angle</b>	55°
<b>Input Voltage</b>	AC 200-265V
<b>CRI</b>	>90
<b>Power Factor</b>	0.95
<b>Surge Protection</b>	2kV
<b>Lumen Output</b>	18W= 2160lm   20W= 2400lm   22W=2640lm 24W= 2880lm   25W= 3000lm   28W=3360lm 30W=3600lm
<b>Lumen Efficiency (per watt)</b>	120lm/W
<b>LED Chips</b>	High Lumen USA Bridgelux COB
<b>LED Chips Qty</b>	1pc COB
<b>Dimmable</b>	Yes, PUNCH Dimmable Driver 25W - <b>HD009PS</b>
<b>Dimmable Range</b>	3%-100%
<b>(Dali/Trailing/Leading)</b>	Trailing
Physical Characteristics	
<b>Weight (g)</b>	648
<b>Housing Material</b>	Aluminium
<b>Product Dimensions (mm)</b>	165*H90
<b>Cable length</b>	15cm
<b>Mounting Option</b>	Recessed
<b>Bracket Material</b>	Iron+PMM
<b>Bolts and Screws</b>	304 Stainless steel

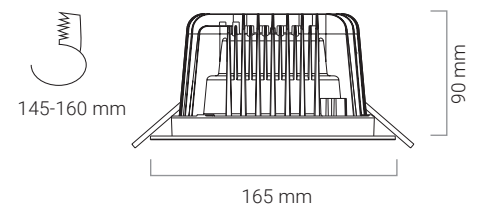
## Luminous Intensity Distribution Diagram



## Packaging



## Dimension Drawing



## Technical Parameters

<b>Input Current</b>	0.2A
<b>Output Voltage</b>	36V
<b>Flicker Free (Y/N)</b>	Yes
<b>Humidity</b>	20-90%
<b>Frequency</b>	50-60Hz
<b>In Rush Current</b>	≤30A
<b>Output Current</b>	650mA
<b>TA &amp; TC</b>	Ta:50°C   Tc:90°C
<b>IES (Yes or No)</b>	Yes

## Regulatory Qualifications

<b>Class Rating</b>	Class I
<b>Energy Efficiency</b>	A
<b>Certification</b>	CE, RoHS, IEC60598, ErP

## Accessories

<b>Optional accessories</b>	PUNCH Dimmable Driver 25W - <b>HD009PS</b>
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## Packaging info

<b>Storage Temp</b>	-40°~80°
<b>Carton Size (mm)</b>	590*400*460
<b>QTY/CTN</b>	12
<b>Net Weight (kg)</b>	12.75
<b>Gross Weight (kg)</b>	13.75