

# Nano LED Floodlight

10W DC12V

## Applications:

Residential and Commercial Applications.

- Driver on board technology allowing for an ultra-lightweight, compact design with minimal aesthetic impact.
- Thermally tested aluminium fins providing as a heat sink.
- Die Cast Aluminium body, powder coated black with 316 Stainless Steel bolts and screws.
- All our Nano Range LED Floods come complete with a 1m installation cable.
- DC12V Nano flood available in 10W.
- Garden Spike optional for 10W.
- Save up to 80% off your electrical bill as oppose to your HID lamps.
- Increase your safety with it's excellent light output and clarity.
- Easy to install 20° smart bracket.
- Available in 10W/300W/500W. 20-200W are available in Nano EVO range.

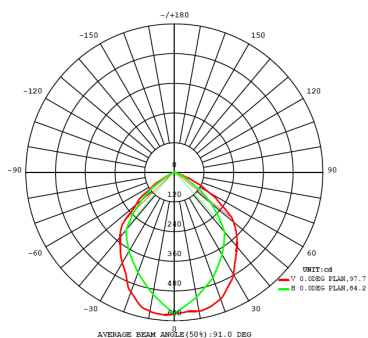
## Product Performance

<b>Wattage</b>	10W
<b>Colour Temperature &amp; Stock Code</b>	6000K - <b>F401DC</b>
<b>Operating Temperature</b>	-35~45°C
<b>Life Span/ LB Rating</b>	25000hrs
<b>IP Rating</b>	IP65
<b>LED Driver Brand</b>	DOB
<b>Beam Angle</b>	120°
<b>Impact Protection Grade</b>	IK06
<b>Input Voltage</b>	12VDC
<b>Surge Protection</b>	3kV
<b>Power Factor</b>	>0.9
<b>CRI</b>	>80
<b>Lumen Output</b>	750
<b>Lumen Efficiency</b>	75lm/W
<b>LED Chips</b>	2835 Sanan
<b>LED Chips Qty</b>	12
<b>Dimmable</b>	Non-Dimmable
<b>Dimmable Range</b>	-
<b>(Dali/Trailing/Leading)</b>	-

## Physical Characteristics

<b>Weight (g)</b>	300
<b>Housing Material</b>	Die-cast Aluminium
<b>Product Dimensions (mm)</b>	H 89 x L 80 x W 30
<b>Cable Length</b>	100cm
<b>Mounting Option</b>	Surface
<b>Bracket Material</b>	Iron
<b>Bolts and Screws</b>	Stainless Steel

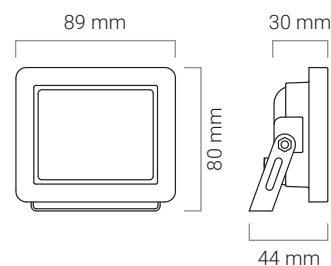
## Luminous Intensity Distribution Diagram



## Packaging

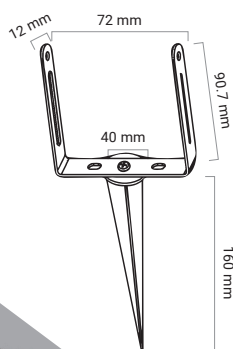


## Dimension Drawing



## Technical Parameters

<b>Input Current</b>	45mA
<b>Output Voltage</b>	216V
<b>Flicker Free (Y/N)</b>	No
<b>Humidity</b>	-20~45°C
<b>Frequency</b>	50hz
<b>In Rush Current</b>	90A
<b>Output Current</b>	1000mA
<b>THD</b>	<15%
<b>TA &amp; TC</b>	TA=80 /TC=75
<b>IES (Yes or No)</b>	Yes
<b>Regulatory Qualifications</b>	
<b>Class Rating</b>	Class I
<b>Energy Efficiency</b>	A
<b>Certification</b>	CE, EMC, IEC60598
<b>Accessories</b>	
<b>Optional accessories</b>	Garden Spike and bracket for 10W Nano Flood <b>RF001</b>
<b>Packaging info</b>	
<b>Storage Temp</b>	-20~40°C
<b>Carton Size (mm)</b>	52*29.5*22
<b>QTY/CTN</b>	50
<b>Net Weight</b>	15,0
<b>Gross Weight</b>	16,9



## RF001 Garden Spike and bracket for 10W Nano Floodlight