

# Node Downlight

K1, K3, K5

Type : \_\_\_\_\_

Project Name : \_\_\_\_\_

## Product Description

The Node Downlight is designed for installation in Node Flush channels, Recessed channels, or Trimless applications for drywall ceilings. The Downlight provides efficient general illumination, suitable for a variety of spaces including offices, hospitality areas, or lobbies. Available in a variety of beam angles, colour temperatures, and finishes to match your project specifications.

- Room-side accessibility for ease of install and maintenance (K1 and K3)
- Low profile allows for co-locating with Node Plenums



Recessed Channel Mounting (K1)



Trimless Mounting (K3)



Flush Channel Mounting (K5)

## Project Solutions

This product data sheet refers to the standard version of the product mentioned above. Customization of the luminaire, mounting solution, finishes, etc. are available to meet the needs of your specific project.

## Construction

<b>Housing</b>	Cast aluminum
<b>Lens</b>	Glass

## Finishes

<b>Powder Coat</b>	Black - B17 White - RAL 9016
<b>Mill</b>	Mill
<b>Custom</b>	On request

**Technical Data**

<b>Lamp Type</b>	LED
<b>Colour Temperature</b>	2700K 3000K 3500K 4000K
<b>CRI</b>	90
<b>Energy Consumption</b>	20.90 kWh/1000h
<b>UGR</b>	<19
<b>Lifetime L70</b>	>50000 h
<b>Certifications</b>	  
<b>Protection Rating</b>	IP20

**CCT 2700K**

<b>Beam Width</b>	<b>Luminaire Power</b>	<b>Maximum Current</b>	<b>Nominal Voltage</b>	<b>Delivered Lumens</b>	<b>Efficacy</b>
Narrow (13°)	19.0 W	550 mA	36 V	2053 lm	108 lm/W
Medium (24°)	19.0 W	550 mA	36 V	1896 lm	100 lm/W
Wide (48°)	19.0 W	550 mA	36 V	1915 lm	101 lm/W
Extra Wide (67°)	19.0 W	550 mA	36 V	1923 lm	101 lm/W

**CCT 3000K**

<b>Beam Width</b>	<b>Luminaire Power</b>	<b>Maximum Current</b>	<b>Nominal Voltage</b>	<b>Delivered Lumens</b>	<b>Efficacy</b>
Narrow (13°)	19.0 W	550 mA	36 V	2053 lm	108 lm/W
Medium (24°)	19.0 W	550 mA	36 V	1896 lm	100 lm/W
Wide (48°)	19.0 W	550 mA	36 V	1915 lm	101 lm/W
Extra Wide (67°)	19.0 W	550 mA	36 V	1923 lm	101 lm/W

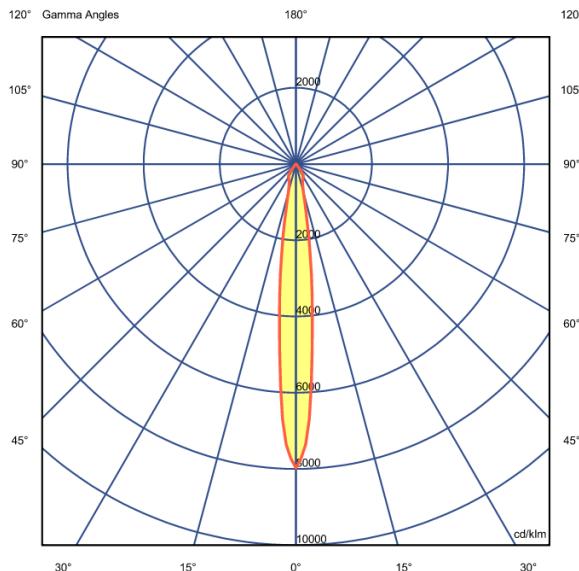
**CCT 3500K**

<b>Beam Width</b>	<b>Luminaire Power</b>	<b>Maximum Current</b>	<b>Nominal Voltage</b>	<b>Delivered Lumens</b>	<b>Efficacy</b>
Narrow (13°)	19.0 W	550 mA	36 V	2198 lm	116 lm/W
Medium (24°)	19.0 W	550 mA	36 V	2208 lm	116 lm/W
Wide (48°)	19.0 W	550 mA	36 V	2050 lm	108 lm/W
Extra Wide (67°)	19.0 W	550 mA	36 V	1923 lm	101 lm/W

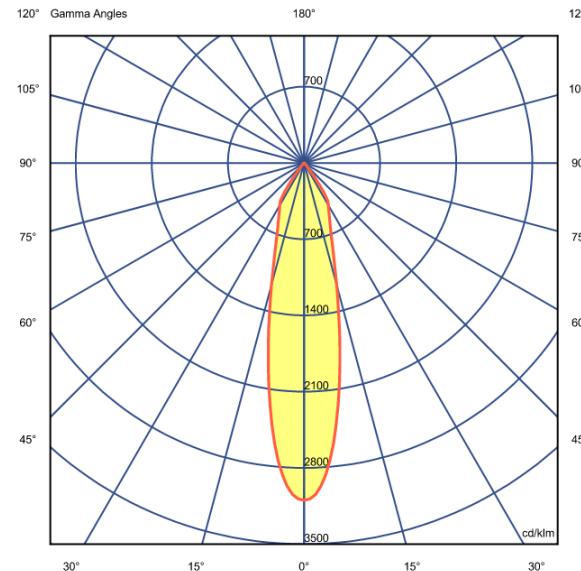
**CCT 4000K**

<b>Beam Width</b>	<b>Luminaire Power</b>	<b>Maximum Current</b>	<b>Nominal Voltage</b>	<b>Delivered Lumens</b>	<b>Efficacy</b>
Narrow (13°)	19.0 W	550 mA	36 V	2362 lm	124 lm/W
Medium (24°)	19.0 W	550 mA	36 V	2373 lm	125 lm/W
Wide (48°)	19.0 W	550 mA	36 V	2203 lm	116 lm/W
Extra Wide (67°)	19.0 W	550 mA	36 V	2066 lm	109 lm/W

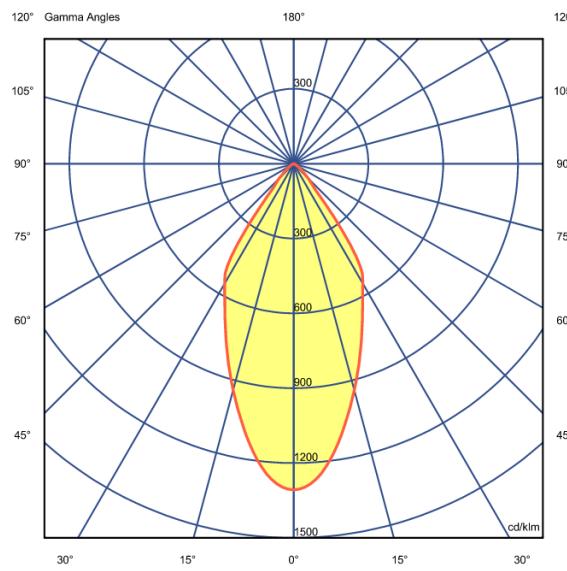
## Polar Curves - Standard



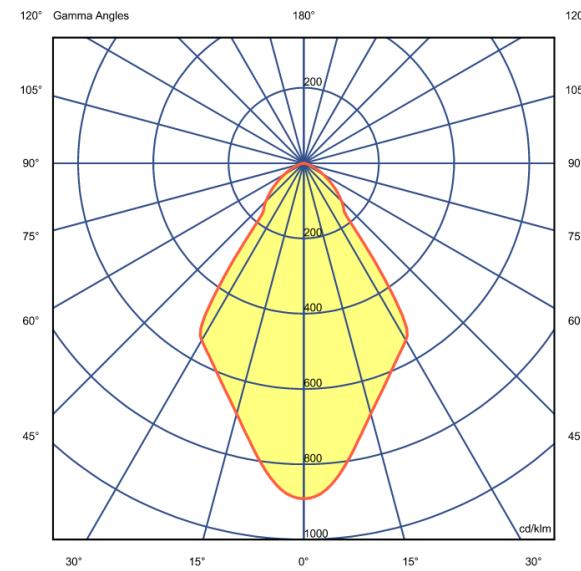
Narrow



Medium



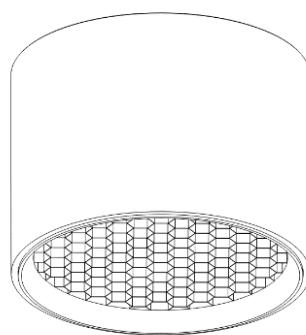
Wide

Extra Wide<sup>1</sup>

1. White reflector used for extra wide model; metal reflector used for all other models

## LED Filters

## Honeycomb



## Honeycomb @ CCT 2700K

Beam Width	Luminaire Power	Maximum Current	Nominal Voltage	Delivered Lumens	Efficacy
Narrow (13°)	19.0 W	550 mA	36 V	1616 lm	85 lm/W
Medium (24°)	19.0 W	550 mA	36 V	1596 lm	84 lm/W
Wide (48°)	19.0 W	550 mA	36 V	1405 lm	74 lm/W

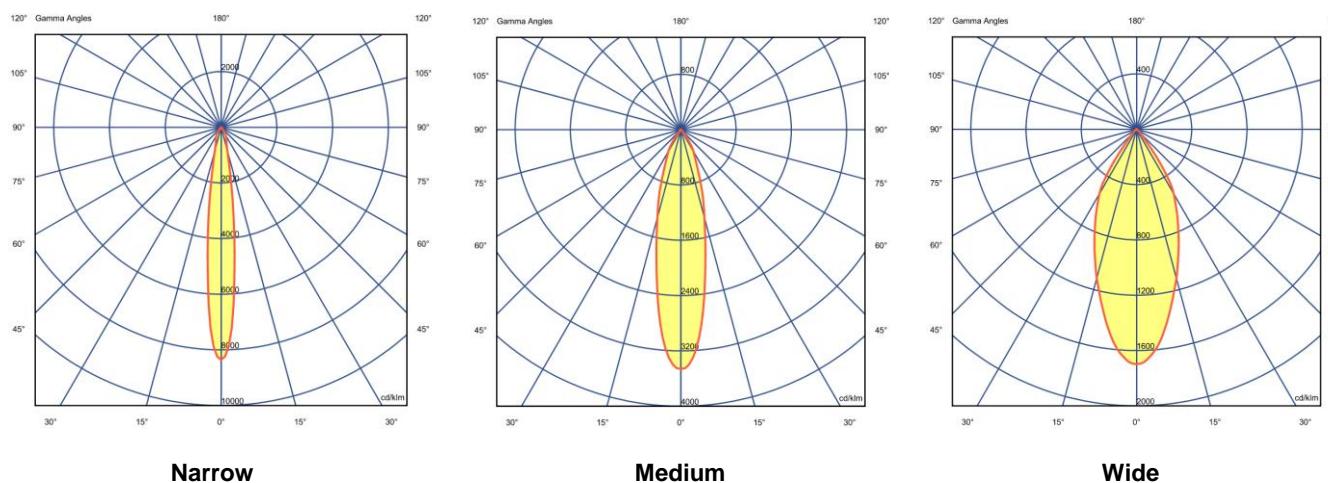
## Honeycomb @ CCT 3000K

Beam Width	Luminaire Power	Maximum Current	Nominal Voltage	Delivered Lumens	Efficacy
Narrow (13°)	19.0 W	550 mA	36 V	1616 lm	85 lm/W
Medium (24°)	19.0 W	550 mA	36 V	1596 lm	84 lm/W
Wide (48°)	19.0 W	550 mA	36 V	1405 lm	74 lm/W

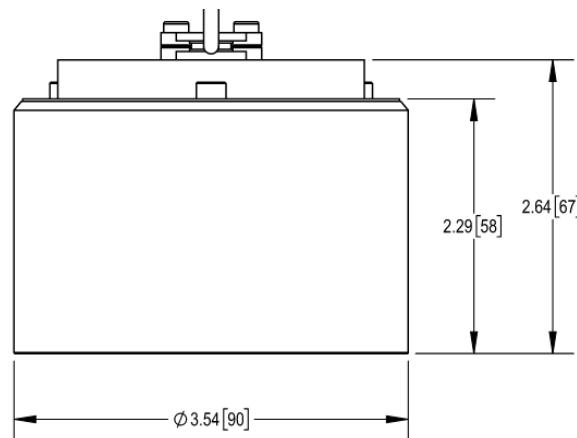
## Honeycomb @ CCT 3500K

Beam Width	Luminaire Power	Maximum Current	Nominal Voltage	Delivered Lumens	Efficacy
Narrow (13°)	19.0 W	550 mA	36 V	1730 lm	91 lm/W
Medium (24°)	19.0 W	550 mA	36 V	1710 lm	90 lm/W
Wide (48°)	19.0 W	550 mA	36 V	1504 lm	79 lm/W

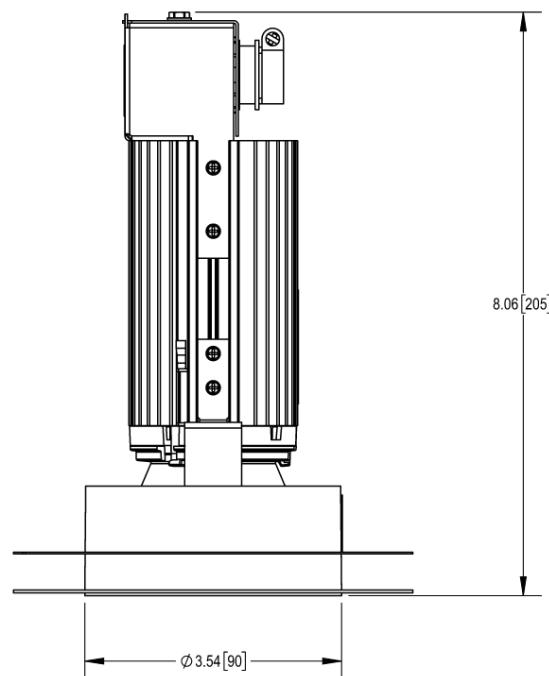
## Polar Curves – Honeycomb Filter



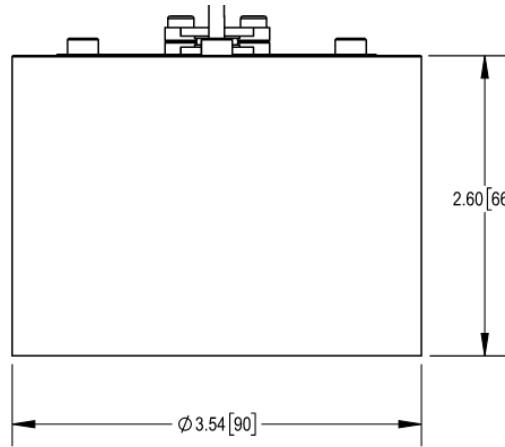
## Dimensional Data



Recessed Channel (K1)



Trimless (K3)



Flush Channel (K5)

**Ordering Guide**

<b>Light Model</b>	<b>Filter</b>	<b>Colour Temperature</b>	<b>Beam Width</b>
<b>NODE-K1</b> Recessed Channel	<b>NA</b> None	<b>27K</b> 2700K	<b>13</b> Narrow
<b>NODE-K3</b> Trimless	<b>HC</b> Honeycomb	<b>30K</b> 3000K	<b>24</b> Medium
<b>NODE-K5</b> Flush Channel		<b>35K</b> 3500K	<b>48</b> Wide
		<b>40K</b> 4000K	<b>67</b> Extra Wide
<b>Current</b>	<b>Driver</b>		
<b>550mA</b> 550mA	<b>ESD</b> eldoLED SOLOdrive 360/S, DALI (NA)		
	<b>ES10</b> eldoLED SOLOdrive 361/S, 0-10V (NA)		
	<b>PD38<sup>1</sup></b> Professionale Dali, DALI (EU)		
<b>Fixture Colour<sup>2</sup></b>			
<b>B17</b> Black powder coat			
<b>B30</b> White RAL 9016 powder coat			
<b>Mill</b> Mill			

## Notes:

1. Driver enclosure provided upon special request for EU driver, supplied as standard for NA drivers
2. Powder coat only required for recessed channel applications. Fixture body is not visible in flush channel or trimless applications