

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

| | |
|---------|---------------|
| Housing | Cast aluminum |
| Lens | Glass |

Finishes

| | |
|-------------|---------------------------------|
| Powder Coat | Black - B17 White - RAL 9016 |
| Mill | Mill |
| Custom | On request |

Technical Data

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

CCT 2700K

| Beam Width | Luminaire Power | Maximum Current | Nominal Voltage | Delivered Lumens | Efficacy |
|------------------|-----------------|-----------------|-----------------|------------------|----------|
| 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

| Beam Width | Luminaire Power | Maximum Current | Nominal Voltage | Delivered Lumens | Efficacy |
|------------------|-----------------|-----------------|-----------------|------------------|----------|
| 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 |

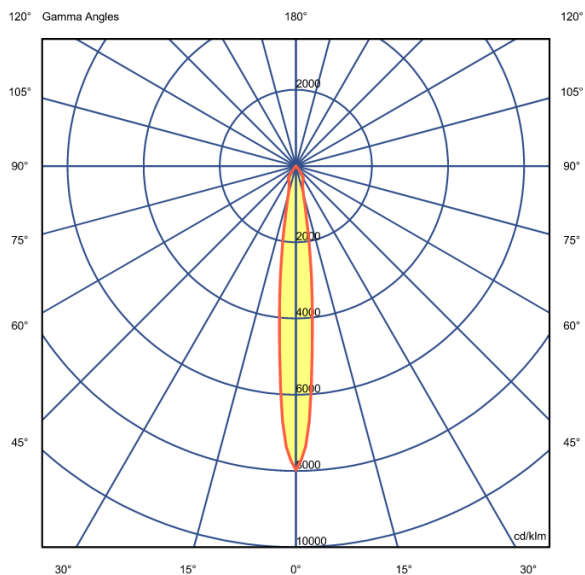
CCT 3500K

| Beam Width | Luminaire Power | Maximum Current | Nominal Voltage | Delivered Lumens | Efficacy |
|------------------|-----------------|-----------------|-----------------|------------------|----------|
| 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 |

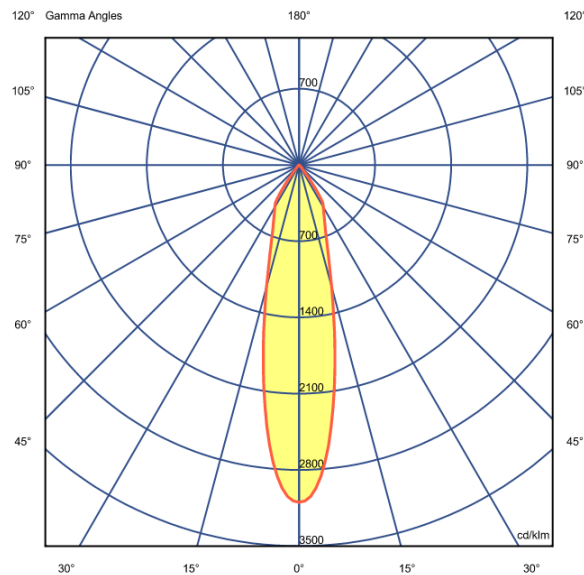
CCT 4000K

| Beam Width | Luminaire Power | Maximum Current | Nominal Voltage | Delivered Lumens | Efficacy |
|------------------|-----------------|-----------------|-----------------|------------------|----------|
| 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 |

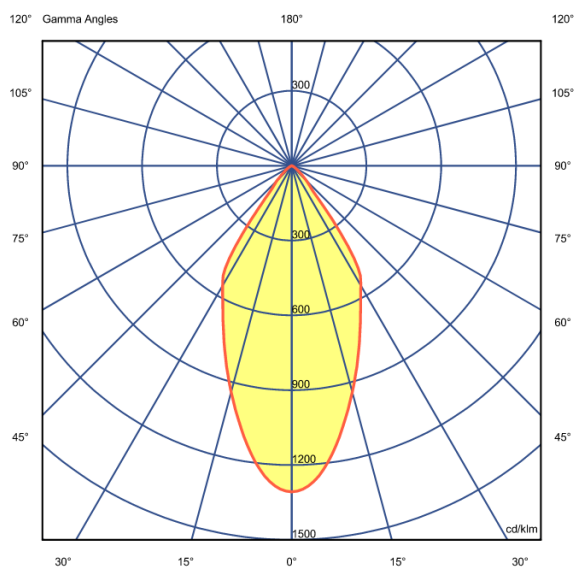
Polar Curves - Standard



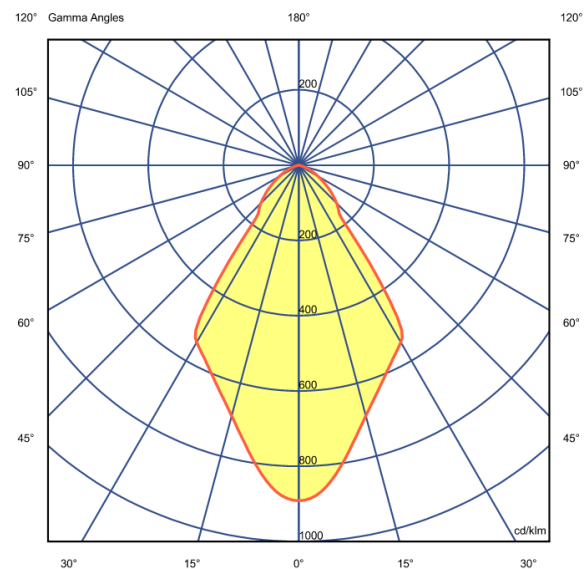
Narrow



Medium



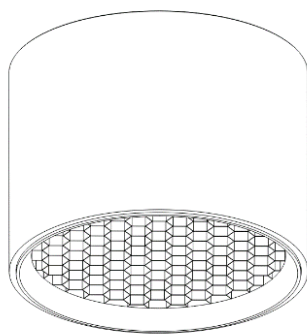
Wide

Extra Wide¹

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 |

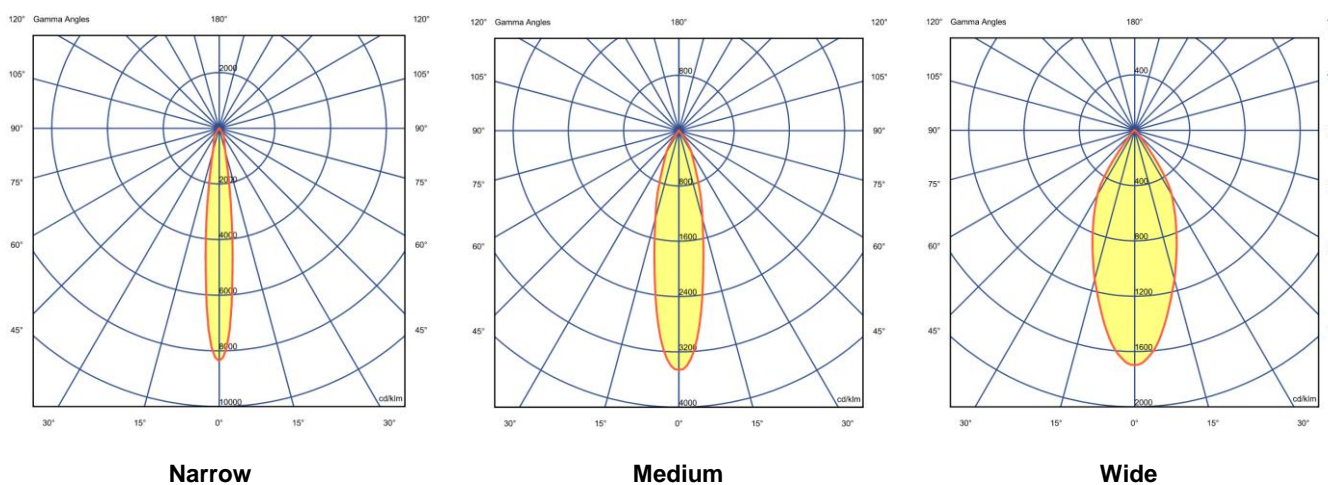
Honeycomb @ CCT 3000K

| 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 |

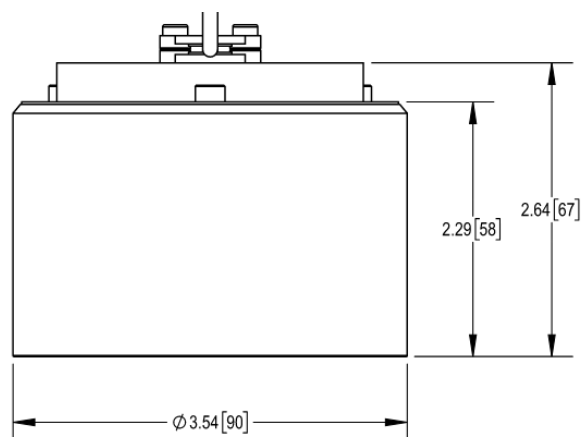
Honeycomb @ CCT 3500K

| 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 |

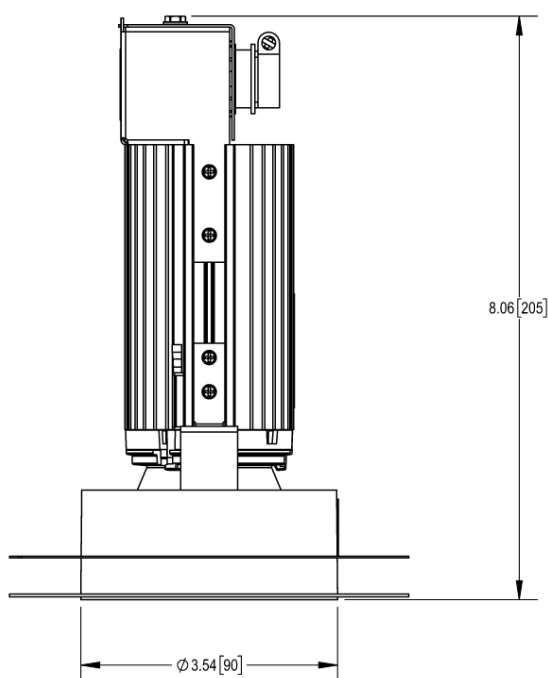
Polar Curves – Honeycomb Filter



Dimensional Data



Recessed Channel (K1)



Trimless (K3)



Flush Channel (K5)

Ordering Guide

| | | | | | | |
|--|--|--|--|---|---|---|
| Light Model NODE-K1 Recessed Channel NODE-K3 Trimless NODE-K5 Flush Channel | - | Filter NA None HC Honeycomb | - | Colour Temperature 27K 2700K 30K 3000K 35K 3500K 40K 4000K | - | Beam Width 13 Narrow 24 Medium 48 Wide 67 Extra Wide |
| - | Current 550mA 550mA | - | Driver ESD eldoLED SOLOdrive 360/S, DALI (NA) ES10 eldoLED SOLOdrive 361/S, 0-10V (NA) PD38¹ Professionale Dali, DALI (EU) | - | | |
| - | Fixture Colour² B17 Black powder coat B30 White RAL 9016 powder coat Mill 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