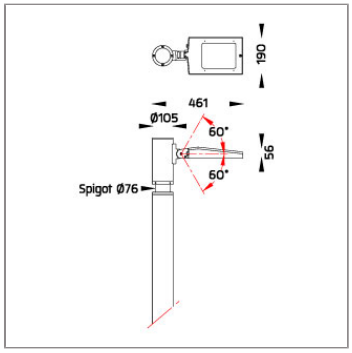
# NEOS

## NEOS

### POLE MOUNTED LIGHT

LAST UPDATE: 26-12-2025

NEOS is a small sized high performing area light. Outstanding optical efficacy, high ambient temperature rating and a wide range of mounting accessory makes NEOS a highly competitive product. The smooth curved design eliminates accumulation of water and dust. The unobtrusive slim design is a great match for commercial and residential lighting tasks. The area light can be either equipped with a photocell, DALI-2 control or basic on-off control gear. NEOS can be equipped with mounting accessories for pole integrated mounting, pole bracket, wall and wall corner. The pole bracket is suitable for Pole diameters up to 105mm.




## Technical Data

| | |
|---|---|
| Ordering Code : | 7246-U-4-668-XX |
| Lamp : | LED |
| Beam : | T1 – Symmetric Long Side Throw |
| CCT : | 3000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 4220 lm |
| Luminaire Lumen : | 3300 lm |
| Lamp Wattage : | 23 W |
| Luminaire Wattage : | 25 W |
| Efficacy : | 132 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L70B10 >72,000 h |
| Controller : | DIM 1-10V |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 4.00 kg. |

### Ordering code guide

B D

XXXX-X-X-XXX-XX

A C E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color

Icon definition

*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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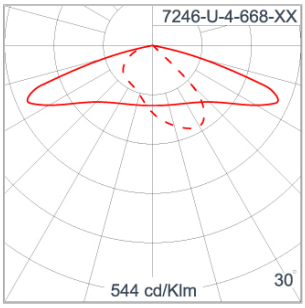
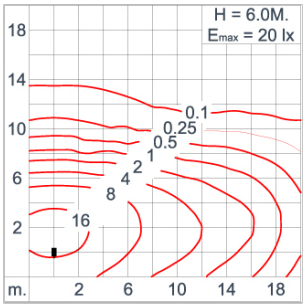
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class I |
| IK Rating | Protection against mechanical impact IK08 on body and optical part. |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| | Extruded aluminum S6063 alloy body with low copper content. |
| Coating Process | Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C. |
| Diffuser | Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C. |
| Lens | Molded PC lens from renowned manufacturers in various light distribution patterns. |
| Adjustable Optic | Adjustable aiming unit through graduated scale. |
| Gasket | Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C. |
| External Screws | External screws are in stainless steel with protection grease. |
| Cable Entry | Cable entry protected by weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. diameter. |
| Led | High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material. |
| Driver | High quality Dimmable Driver (1-10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility. |
| Enhanced Protection | The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in compliance with IEC61643-11. |
| Internal Wire | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. |
| Terminal Block | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. |
| | Class1 luminaire provided with the earth connection. |
| Pre-Wire Cable | Pre-wired with 5-core cable for power (3x1 sqmm.) and dimming signal (2x1 sqmm.). |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | Black 01<br>Graphite 02<br>Dark Grey 03<br>Aluminum Silver 04<br>White 06 |

## Light Distribution

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### Accessories

Ordering Code:
AUN-SEN-0001-00
Photocell, On-Off,
pre-assembly from factory

Ordering Code:
AUN-GHS-0032-XX
Glare shield cap,
pre-assembly from factory

Ordering Code:
AUN-ACB-0009-00
Anchor bolt kit, pole
diameter 114 and 114/140,
galvanized steel pole

Ordering Code:
AUN-ACB-0008-00
Anchor bolt kit, pole
diameter 102mm and
151x102mm, galvanized
steel pole

Ordering Code:
AUN-ACB-0005-00
Anchor bolt kit, aluminum
pole

Ordering Code:
ALUMINUM-POLE-FOR-NEOS
Please contact Sales
Representative

Ordering Code:
STEEL-POLE-FOR-NEOS
Please contact Sales
Representative

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