

# NEOS

## NEOS PROJECTOR



LAST UPDATE: 28-02-2025



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 :       | 2356-J-3-667-XX    |
| Lamp :                | LED                |
| Beam :                | T3                 |
| CCT :                 | 4000 K             |
| CRI :                 | CRI >80            |
| SDCM :                | SDCM = 3           |
| Lamp Lumen :          | 6080 lm            |
| Luminaire Lumen :     | 4400 lm            |
| Lamp Wattage :        | 32 W               |
| Luminaire Wattage :   | 34 W               |
| Efficacy :            | 129 lm/W           |
| Ambient Temperature : | 50°C               |
| Lumen Maintenance     | L70B10 >72,000 h   |
| Controller :          | On-Off             |
| Input Voltage :       | 220-240Vac 50/60Hz |
| Net Weight :          | 2.80 kg.           |

#### Ordering code guide

XXXX-X-X-XXX-XX

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



Icon definition

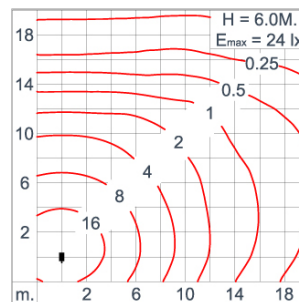
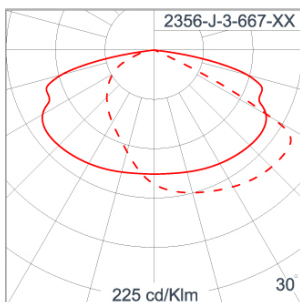
\*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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### Specification

|   |  |   |          |   |             |   |              |   |                    |   |          |
|---|--|---|----------|---|-------------|---|--------------|---|--------------------|---|----------|
| IEC Standard  | IEC 60598-1 General Requirement<br>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.   |   |          |   |             |   |              |   |                    |   |          |
| Coating Process   | Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire 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 HO5RN-F/ HO7RN-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 constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.   |   |          |   |             |   |              |   |                    |   |          |
| 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.<br>Class1 luminaire provided with the earth connection.   |   |          |   |             |   |              |   |                    |   |          |
| Pre-Wire Cable  | Pre-wired with 3x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.   |   |          |   |             |   |              |   |                    |   |          |
| Caution   | Installation work has to be carried on according to the enclosed installation manual.  |   |          |   |             |   |              |   |                    |   |          |
| Color   | <table border="0"> <tr> <td></td> <td>Black O1</td> </tr> <tr> <td></td> <td>Graphite O2</td> </tr> <tr> <td></td> <td>Dark Grey O3</td> </tr> <tr> <td></td> <td>Aluminum Silver O4</td> </tr> <tr> <td></td> <td>White O6</td> </tr> </table> |  | Black O1 |  | Graphite O2 |  | Dark Grey O3 |  | Aluminum Silver O4 |  | White O6 |
|  | Black O1   |   |          |   |             |   |              |   |                    |   |          |
|  | Graphite O2  |   |          |   |             |   |              |   |                    |   |          |
|  | Dark Grey O3   |   |          |   |             |   |              |   |                    |   |          |
|  | Aluminum Silver O4   |   |          |   |             |   |              |   |                    |   |          |
|  | White O6   |   |          |   |             |   |              |   |                    |   |          |

### Light Distribution



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### Accessories



Ordering Code:  
AUN-CON-0009-00  
IP68 connection device,  
cable diameter 5-9.5mm,  
On-Off



Ordering Code:  
AUN-CON-0010-00  
IP68 connection device 3  
pole, cable diameter  
5-9.5mm, with distribution  
block



Ordering Code:  
AUN-CON-0013-00  
IP68 connection device,  
cable diameter 7-11.5mm,  
On-Off



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



Ordering Code:  
AUN-MOT-0008-XX  
Pole mount adaptor,  
rectangular pole



Ordering Code:  
AUN-MOT-0009-XX  
Pole mount adaptor, pole  
diameter 60mm



Ordering Code:  
AUN-MOT-0010-XX  
Pole mount adaptor, pole  
diameter 76mm



Ordering Code:  
AUN-MOT-0011-XX  
Pole mount adaptor for  
pole dia 102-105mm.



Ordering Code:  
AUN-RCH-0012-XX  
Mounting base, rotateable



Ordering Code:  
AUN-MOT-0020-XX  
Mounting base, rotateable



Ordering Code:  
AUN-MOT-0012-XX  
Wall spacer



Ordering Code:  
AUN-BRK-0002-XX  
Corner mounting bracket

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Ordering Code:

AUN-GHS-0032-XX

Glare shield cap,

pre-assembly from factory

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