## AREA LIGHT



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 105 mm .


## Technical Data



| Ordering Code : | 7247-I-4-667-XX |
| :--- | :--- |
| Lamp : | LED |
| Beam : | T2 |
| CCT : | 4000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | $2 \times 6080 \mathrm{Im}$ |
| Luminaire Lumen : | 9800 Im |
| Lamp Wattage : | $2 \times 32 \mathrm{~W}$ |
| Luminaire Wattage : | 68 W |
| Efficacy : | $144 \mathrm{Im} / \mathrm{W}$ |
| Ambient Temperature : | $50^{\circ} \mathrm{C}$ |
| Lumen Maintenance | L70B10 >72,000 h |
| Controller : | DIM 1-10V |
| Input Voltage : | $220-240 \mathrm{Vac} 50 / 60 \mathrm{~Hz}$ |
| Net Weight : | 7.00 kg. |

NEOS - AREA LIGHT / DOUBLE SIDED

## AREA LIGHT

Specification

| IEC Standard | IEC 60598-1 General Requirement |
| :---: | :---: |
|  | IEC 60598-2-1 Fixed Luminaires |
| Protection | IP66 Class I |
| IK Rating | Protection against mechanical impact IKO8 on body and optical part. |
| Luminaires Body Housing | High-pressure Die Cast Aluminium alloy body and components. |
|  | Extruded Aluminium 56063 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 $200^{\circ} \mathrm{C}$. |
| Diffuser | Impact resistant safety tempered glass cover. Able to withstand the temperature up to $250^{\circ} \mathrm{C}$. |
| 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 $-40^{\circ} \mathrm{C}$ to $+200^{\circ} \mathrm{C}$. |
| 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 10 kV 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 $-40^{\circ} \mathrm{C}$ to $+180^{\circ} \mathrm{C}$. |
| 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 [ $3 \times 1$ sqmm.] and dimming signal [ $2 \times 1$ sqmm.]. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | Black 01 |
|  | - Graphite 02 |
|  | Dark Grey 03 |
|  | Aluminium Silver 04 |
|  | White 06 |
|  | Wooden Brown 07 |

Light Distribution


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## Accessories



Ordering Code:
AUN-SEN-0001-00
Photo Cell per unit.
[Pre-assembly from
factory].


Ordering Code:
AUN-ACB-0005-00
Anchor Bolt Kit for
Aluminium Pole


Ordering Code:
AUN-GHS-0032-XX
Glare Shield Cap.
[Pre-assembly from factory]


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


Ordering Code:
AUN-ACB-0009-00
Anchor Bolt Kit for Galvanized Steel Pole. [for pole Diameter 114 mm . and Diameter 114\&140mm.]


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


Ordering Code:
AUN-ACB-0008-00
Anchor Bolt Kit for
Galvanized Steel Pole. [for
Diameter 102 mm . and 151x102mm.]

