

SLN200-140 10900lm 68W 840 I 60x25dgr
IP66 GR

TAKTON

Benefits:

Sealine Series Rugged linear luminaire for demanding industrial environments The Sealine Series is a professional IP65/IP66 linear luminaire designed for industrial facilities where reliability is essential. Built around an extruded aluminium housing, it combines high efficiency, long service life and excellent resistance to dust, moisture and mechanical impact. Engineered for warehouses, production halls, parking facilities and marine retrofit projects, Sealine delivers consistent lighting performance even in harsh operating conditions. Its modular platform supports a wide range of optical distributions, control options and lumen packages, making it suitable for both new installations and refurbishment projects. Key benefits Robust extruded aluminium housing IP65 / IP66 protection against dust and water Up to 160 lm/W system efficacy DALI-2 ready High-quality optical system for precise light distribution Long lifetime with minimal maintenance Designed and manufactured in Europe Typical applications Industrial production Warehouses & logistics centres Underground and multi-storey parking Technical rooms Utility buildings Marine retrofit projects



SLN200-140 10900lm 68W 840 I 60x25dgr
IP66 GR

TAKTON

Electrical Parameters

Nominal supply voltage:

230 (220–240) V AC

Supply voltage range:

198–264 V AC

Type of supply current:

AC

Supply frequency:

50 / 60 Hz

Rated input power:

68W

Power factor (PF):

0.95

Driver efficiency at nominal load:

92%

Total harmonic distortion (THDi):

< 10% @ full load

Protection class (electric shock):

I

Surge protection (CM / DM):

4/2 kV

Driver type:

TCI

Number of luminaires on MCB 16A type B:

45

SLN200-140 10900lm 68W 840 I 60x25dgr IP66 GR

TAKTON

Photometric Parameters

Luminous flux — system:

10900 lm

Luminous flux — LED module:

11900 lm

Luminous efficacy — system:

160lm/W

Correlated colour temperature (CCT):

4000 K

Colour rendering index Ra (CRI):

≥80

Init. CRI tolerance:

±3

Light distribution type:

Oval

Luminaire beam spread:

82° + 31°/110° + 69°

Optic type:

60x25

Light output ratio (LOR):

0,90

Photobiological safety class:

RG1

Flicker — Output PstLM / SVM:

≤0.1 / ≤0.2

Colour consistency (SDCM):

< 3 MacAdam steps

Upward light output ratio (ULOR):

N/A

Luminous flux tolerance:

±5 %

SLN200-140 10900lm 68W 840 I 60x25dgr IP66 GR

TAKTON

Construction & Materials

Luminaire type:

Dust/Waterproof

Light source type:

LED

Light source replaceable:

No

Cap / base type:

Integrated

Housing material:

Extruded aluminium profile

Reflector material:

N/A

Housing coating:

Powder coating

Optic material:

PMMA

Optical cover material:

N/A

Housing colour (RAL):

RAL 7035

Mounting type:

Surface, suspended

Cutout size:

N/A

Overall dimensions (H × W × L):

73x53x1120

Weight (net):

4.2kg

Effective projected area:

N/A

Windage projection area (side / below):

N/A

Number of light sources:

2 pcs

Number of gear units:

1 pcs

SLN200-140 10900lm 68W 840 I 60x25dgr IP66 GR

TAKTON

Protection & Environment

IP rating — enclosure:

IP65

Impact resistance class IK:

IK05

Operating temperature range:

-40 ... +50 °C

Storage temperature range:

-40 ... +70 °C

Glow-wire test:

650 °C / 5 s

Relative humidity (max):

N/A

Control & Dimming

Dimmable:

No

Control protocol / interface:

on/off

Dimming range:

N/A

Built-in motion / presence sensor:

on request

Reliability & Lifetime

Light source lifetime:

>100000 @ L90 B10 h

Lumen maintenance @ 50 000 h:

L98 B5

Lumen maintenance @ 100 000 h:

L90 B10

Control gear failure rate @ 50 000 h:

5 %

Control gear failure rate @ 100 000 h:

10 %

Maximum case temperature Tc:

75°C

SLN200-140 10900lm 68W 840 I 60x25dgr
IP66 GR

TAKTON

Certifications

Warranty period:

5 years

CE marking:

Yes

ENEC mark:

No

ENEC+ mark:

No

UKCA marking:

Yes

D4i certified (DALI):

No

EU RoHS compliant:

Yes

EU energy efficiency class:

?

Standards & Sustainability

Applicable standard:

EN-IEC 62722-2-1

Embedded carbon A1–A3:

Not determined

Recyclable content ratio:

Not determined

Non-virgin material ratio:

Not determined

Sustainability rating:

Not determined

EAN / UPC:

Not determined

Application areas:

Industry, warehouses, parkings,
general lighting