

DKF 293 ODIN gen2

TAKTON



Benefits:

- Entry level LED luminaire with lowest initial capital investment
- Slim aesthetic design
- Essential reducing energy consumption with Philips driver
- Reliable quality
- Energy efficiency up to 150 lm/W
- Asymmetrical and symmetrical optics



| | |
|-----------------------|---|
| TYPE | Product type: DKF 293 |
| ELECTRICAL PARAMETERS | Driver efficiency nominal: > 0,92 |
| | Driver failure ratio: < 10% at 100 000 hours |
| | Driver type: Built in PHILIPS Xitanium Outdoor driver |
| | Electrical isolation class IEC: Safety class I as a standard, II on request |
| | Input Frequency: 50-60 Hz |
| | LED current ripple %: < (4-30) depends on type |
| | Mains voltage index: 220-240 V / 50-60 Hz |
| | Nominal input voltage range: 202..254 or 198...264, depends on type |
| | Power factor nominal: up to 0.98 |
| | Power range: 88-136W depending on type |
| | Surge protection: 4/6 kV |

LIGHTING PERFORMANCE

CCT:

3000K, 4000K, 5700K

Color rendering index, CRI:

> 70

Initial color shift, SDCM:

< 5

Light distribution:

Asymmetric for areas ASWD,
Symmetric RS48, Symmetric RS23

Light source:

Modules with OSRAM LED chips

LOR:

up to 0,94

Luminaire lumen output range, lm:

13200.....19100 Lm depending on
type

Photobiological safety:

RG1

Type of optic:

Low ageing PMMA lenses by LEDIL

CONSTRUCTION AND MATERIALS

Dimensions LxWxH:

442x347x64

Effective protected area:

At horizontal position 0.052

Housing colour:

Grey

Housing material:

Housing: high-pressure, die-cast
aluminium powder coated, no plastic
parts

Impact resistance:

IK08

Ingress protection:

IP66

Installation options:

U-shape mounting bracket fixed with
standard bolts and nuts. No need
open for electrical connection

Optical cover:

Extra clear toughened flat glass

Windage area:

no more 0,15sq.m above/below and
0,028sq.m side position

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OPERATION AND MAINTENANCE

Electrical connection:

0.4m cable as standard

Maintenance:

Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only, no internal cleaning required

Maintenance of lumen output:

100 000 hours – L90B10

Application:

- Billboards/advertising lighting
- Landscape features
- Security and amenity lighting
- General lighting

MARKING AND APPROVALS

CE mark:

CE marked

ROHS mark:

ROHS compliant

PRODUCT FAMILY RANGE

| Code | Type | LED current, A | Initial luminous flux, lm | Power, W | L90/B10, Hours | Weight kg |
|--------------|--------------------------------------|----------------|---------------------------|----------|----------------|-----------|
| 600151431318 | DKF293 LED132 88W 740 I ASWD IC0 | 0,7 | 13200 | 88 | 50 000 | 6,3 |
| 600151431322 | DKF293 LED135 88W 740 I RS48 IC0 | 0,7 | 13500 | 88 | 50 000 | 6,3 |
| 600151431309 | DKF293 LED160 105W 740 I RS48 IC0 | 0,7 | 16000 | 105 | 50 000 | 6,3 |
| 600151431310 | DKF293 LED156 105W 740 I ASWD IC0 | 0,7 | 15600 | 105 | 50 000 | 6,3 |
| | Eco Version | | | | | |
| 600151431803 | DKF293 LED191 136W I 740 RS48 | 1,05 | 19100 | 136 | 30 000 | 6,3 |
| 600151431808 | DKF293 LED188 136W 740 I ASWD IC0 | 1,05 | 18800 | 136 | 30 000 | 6,3 |
| 600151431811 | DKF293 LED165 138W I 740 RS23 IC0 | 1,05 | 16500 | 138 | 30 000 | 6,3 |