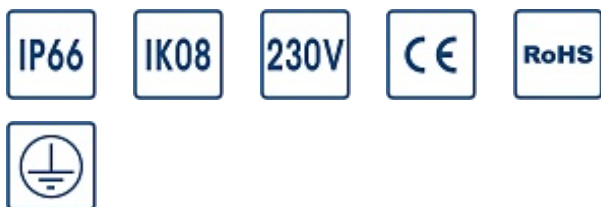


DKF 291 ODIN gen2

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 291
ELECTRICAL PARAMETERS	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 Standard Power range: 18–35W depending on type Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT:

1800K, 2800K, 3000K, 4000K, 5700K

Color rendering index, CRI:

70, CRI 80 on request

Initial color shift, SDCM:

< 5

Light distribution:

Asymmetric for areas ASWD,
Symmetric RS48, RS33D, 20D

Light source:

Modules with OSRAM LED chips

LOR:

up to 0,86

Luminaire lumen output range, lm:

2500–5500 Lm depending on type

Photobiological safety:

RG1

Type of optic:

Low ageing PMMA lenses

CONSTRUCTION AND MATERIALS

Dimensions LxWxH:

335x250x59,7 mm

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 0,083sq.m above/below
and 0,02sq.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	Name	Light output Lm	Power consumption,W	Weight,kg
600151431412	DKF291 2300Lm 18W 740 I AST4 IC0	2300	18	3,4
600151431430	DKF291 2300Lm 18W 740 I ASWD IC0	2500	18	3,4
600151431104	DKF291 2500Lm 18W 740 I RS20D IC0	2500	18	3,4
600151431105	DKF291 2500Lm 18W 740 I RS33 IC0	2500	18	3,4
600151431106	DKF291 2500Lm 18W 740 I RS48 IC0	2500	18	3,4
600151431431	DKF291 4600Lm 35W 740 I AST4 IC0	4600	35	3,4
600151431301	DKF291 4600Lm 35W 740 I ASWD IC0	5000	35	3,4
600151431302	DKF291 5000Lm 35W 740 I RS20D IC0	5000	35	3,4
600151431110	DKF291 5000Lm 35W 740 I RS33 IC0	5000	35	3,4
600151431045	DKF291 5000Lm 35W 740 I RS48 IC0	5000	35	3,4