

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 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: 35-55W 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:

5300....8000 Lm depending on type

Photobiological safety:

RG1

Type of optic:

Low ageing PMMA lenses by LEDIL

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

EOC	Type	LED current, A	Initial luminous flux, lm	Power, W	L90/B10, Hours	Weight, kg
600151431301	DKF291 LED053 35W 740 I ASWD IC0	0,7	5300	35	50 000	3,4
600151431302	DKF291 LED055 35W 740 I RS48 IC0	0,7	5500	35	50 000	3,4
600151431303	DKF291 LED078 53W 740 I ASWD IC0	0,7	7800	53	50 000	3,4
600151431304	DKF291 LED080 53W 740 I RS48 IC0	0,7	8000	53	50 000	3,4
	Eco Version					
600151431801	DKF291 LED078 55W 740 I RS48 IC0	1,05	7800	55	30 000	3,4
600151431805	DKF291 LED075 55W 740 I ASWD IC0	1,05	7500	55	30 000	3,4
600151431809	DKF291 LED066 55W I 740 RS23 IC0	1,05	6600	55	30 000	3,4