

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



ELECTRICAL PARAMETERS

Driver efficiency nominal
up to 0.92

Driver failure ratio
<10% at 50000 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
230 – 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

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

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CONSTRUCTION AND MATERIALS

Dimensions LxH
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

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
50 000 hours – L90B10

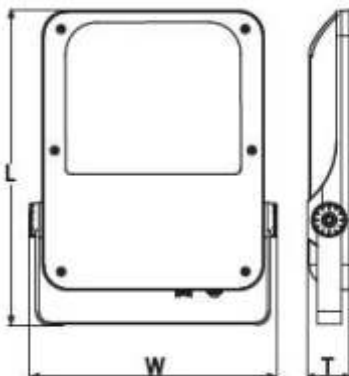
Application
Billboards/advertising lighting • Landscape features
Security and amenity lighting • General lighting

MARKING AND APPROVALS

CE mark
CE marked

ROHS mark
ROHS complaint

DIMENSIONS



	DKF291	DKF292	DKF293	DKF294
"W"Width	250 mm 9.84"	281.1mm 11.07"	346.8 mm 13.65"	346.8 mm 13.65"
"L" Length	335.2 mm 13.20"	383.1 mm 15.08"	441.8 mm 17.39"	531.5mm 20.92"
"T" Thick	59.7mm 2.35"	59.7mm 2.35"	63.7mm 2.51"	68.1mm 2.68"

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PRODUCT FAMILY RANGE

Code	Type	LED current A	Initial uminous 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
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