

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 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 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

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CONSTRUCTION AND MATERIALS

Dimensions LxH

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

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

Operating temperature range

-40...+35 C, typical for exact values

Application

Billboards/advertising lighting • Landscape features

Security and amenity lighting • General lighting

MARKING AND APPROVALS

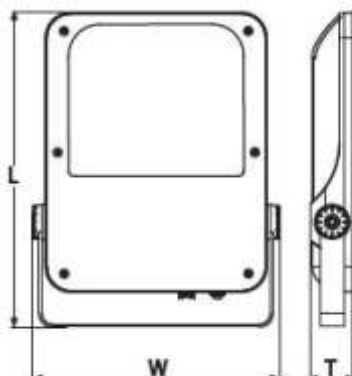
CE mark

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
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
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