

DKF 294 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 or Meanwell depends on type

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

123-181W 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

8200....26700 Lm depending on type

Photobiological safety

RG1

Type of optic

Low ageing PMMA lenses by LEDIL



DKF 294 ODIN gen2

TAKTON

CONSTRUCTION AND MATERIALS

Dimensions LxH

532x347x68

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 0,185sq.m above/below and 0,036sq.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

Bilboards/advertising lighting • Landscape features

Security and amenity lighting • General lighting

MARKING AND APPROVALS

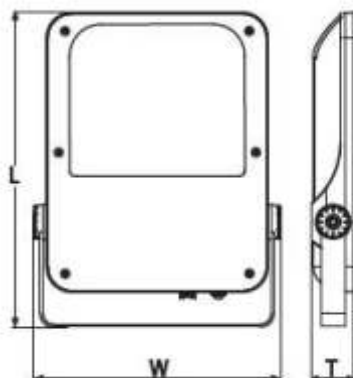
CE mark

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"

DKF 294 ODIN gen2

TAKTON

PRODUCT FAMILY RANGE

Code	Type	LED current A	Initial uminous flux lm	Power W	L90/B10, Hours	Weight, kg
600151431319	DKF294 LED182 123W 740 I ASWD IC0	0,7	18200	123	50 000	8,5
600151431320	DKF294 LED189 123W 740 I RS48 IC0	0,7	18900	123	50 000	8,5
600151431311	DKF294 LED214 140W 740 I RS48 IC0	0,7	21400	140	50 000	8,5
600151431312	DKF294 LED206 140W 740 I ASWD IC0	0,7	20600	140	50 000	8,5
600151431313	DKF294 LED267 172W 740 I RS48 IC0	0,7	26700	172	50 000	8,5
600151431314	DKF294 LED258 172W 740 I ASWD IC0	0,7	25800	172	50 000	8,5
600151431804	DKF294 LED260 189W I 740 ASWD	1,05	26000	189	30 000	8,5
600151431807	DKF294 LED267 189W I 740 RS48	1,05	26700	189	30 000	8,5
600151431812	DKF294 LED230 190W I 740 RS23	1,05	24300	190	30 000	8,5