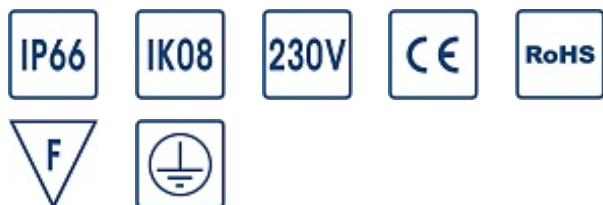


DKF 293 ODIN gen2

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 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: 100-135W depending on type
	Surge protection: 4/6 kV

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LIGHTING PERFORMANCE

CCT:

1700, 2800, 3000K, 4000K, 5700K

Color rendering index, CRI:

70, CRI80 on request

Initial color shift, SDCM:

< 5

Light distribution:

- Asymmetric for areas ASWD, AST4
- Symmetric RS48, RS33, RS20D, RS10

Light source:

Modules with OSRAM LED chips

LOR:

up to 0,86

Luminaire lumen output range, lm:

14700-18500 Lm depending on type

Photobiological safety:

RG1

Type of optic:

Low ageing PMMA lenses

CONSTRUCTION AND MATERIALS

Dimensions LxWxH:

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

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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	Description	Light output, Lm	Power consumption, W	Weight kg
600151431391	DKF293 14700Lm 100W 740 I ASWD IC0	14700	100	6.3
600151431381	DKF293 14700Lm 100W 740 I AST4 IC0	14700	100	6.3
600151431374	DKF293 15000Lm 100W 740 I RS48 IC0	15000	100	6.3
600151431309	DKF293 15000Lm 100W 740 I RS33 IC0	15000	100	6.3
600151431306	DKF293 15000Lm 100W 740 I RS20D IC0	15000	100	6.3
600151431410	DKF293 15000Lm 100W 740 I RS10 IC0	15000	100	6.3

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600151431012	DKF293 18000Lm 135W 740 l AST4 IC0	18000	135	6.3
600151431808	DKF293 18000Lm 135W 740 l ASWD IC0	18000	135	6.3
600151431420	DKF293 18500Lm 135W 740 l RS48 IC0	18500	135	6.3
600151431036	DKF293 18500Lm 135W 740 l RS33 IC0	18500	135	6.3
600151431056	DKF293 18500Lm 135W 740 l RS20D IC0	18500	135	6.3
600151431362	DKF293 18500Lm 135W 740 l RS10 IC0	18500	135	6.3