DKF 293 ODIN gen2

TAKTON



Benefits:

- Entry level LED luminaire with lowest initial capital invesment
- Slim aesthetic design
- Essential reducing energy consuption 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:
- Bilboards/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 I AST4 IC0	18000	135	6.3
600151431808	DKF293 18000Lm 135W 740 I ASWD IC0	18000	135	6.3
600151431420	DKF293 18500Lm 135W 740 I RS48 IC0	18500	135	6.3
600151431036	DKF293 18500Lm 135W 740 I RS33 IC0	18500	135	6.3
600151431056	DKF293 18500Lm 135W 740 I RS20D IC0	18500	135	6.3
600151431362	DKF293 18500Lm 135W 740 I RS10 IC0	18500	135	6.3