DKF 292 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 292
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:** 53-80W depending on type **Surge protection:** 4/6 kV

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LIGHTING PERFORMANCE

CCT:
3000K, 4000K, 5700K

Color rendering index, CRI:
70 as a standard, CRI80 on request

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 0,86

Luminaire lumen output range, lm:
7400-11000 Lm depending on type

Photobiological safety:
RG1

Type of optic:
Low ageing PMMA lenses

CONSTRUCTION AND MATERIALS

Dimensions LxWxH:
383x281x60mm

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 0,107sq.m above/below and 0,023sq.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

Code	Name	Light output Lm	Power consuption,W	Weight,kg
600151431399	DKF292 7400Lm 53W 740 I ASWD IC0	7400	53	4,4
600151431411	DKF292 7400Lm 53W 740 I AST4 IC0	7400	53	4,4
600151431369	DKF292 8000Lm 53W 740 I RS10 IC0	8000	53	4,4
600151431336	DKF292 8000Lm 53W 740 I RS20D IC0	8000	53	4,4
600151431115	DKF292 8000Lm 53W 740 I RS33D IC0	8000	53	4,4
600151431304	DKF292 8000Lm 53W 740 I RS48 IC0	8000	53	4,4
600151431806	DKF292 10800Lm 80W 740 I ASWD IC0	10800	80	4,4
600151431833	DKF292 10800Lm 80W 740 I AST4 IC0	10800	80	4,4
600151431811	DKF292 11000Lm 80W 740 I RS10 IC0	11000	80	4,4
600151431315	DKF292 11000Lm 80W 740 I RS20D IC0	11000	80	4,4

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600151431810	DKF292 11000Lm 80W 740 I RS33D IC0	11000	80	4,4
600151431307	DKF292 11000Lm 80W 740 I RS48 IC0	11000	80	4,4