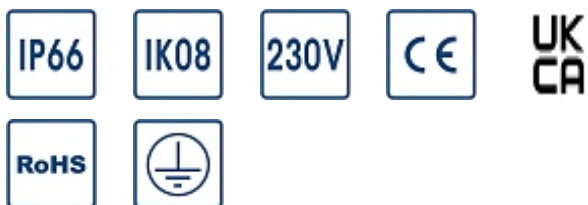


# DKF 291 Odin GEN2

# 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	<b>Product type:</b> DKF 291
ELECTRICAL PARAMETERS	<b>Driver failure ratio:</b> < 10% at 100 000 hours <b>Driver type:</b> Built in PHILIPS Xitanium Outdoor driver <b>Electrical isolation class IEC:</b> Safety class I as a standard, II on request <b>Input Frequency:</b> 50-60 Hz <b>LED current ripple %:</b> < (4-30) depends on type <b>Mains voltage index:</b> 220-240 V / 50-60 Hz <b>Nominal input voltage range:</b> 202..254 or 198...264, depends on type <b>Power factor nominal:</b> up to 0.98 <b>Standard Power range:</b> 18–35W depending on type <b>Surge protection:</b> 4/6 kV

## LIGHTING PERFORMANCE

**CCT:**

1800K, 2800K, 3000K, 4000K, 5700K

**Color rendering index, CRI:**

70, CRI 80 on request

**Initial color shift, SDCM:**

< 5

**Light distribution:**

Asymmetric for areas ASWD,  
Symmetric RS48, RS33D, 20D

**Light source:**

Modules with OSRAM LED chips

**LOR:**

up to 0,86

**Luminaire lumen output range, lm:**

2500–5500 Lm depending on type

**Photobiological safety:**

RG1

**Type of optic:**

Low ageing PMMA lenses

## CONSTRUCTION AND MATERIALS

**Dimensions LxWxH:**

335x250x59,7 mm

**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 0,083sq.m above/below  
and 0,02sq.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

Code	Name	Light output Lm	Power consumption,W	Weight,kg
600151431412	DKF291 2300Lm 18W 740 I AST4 IC0	2300	18	3,4
600151431430	DKF291 2300Lm 18W 740 I ASWD IC0	2500	18	3,4
600151431104	DKF291 2500Lm 18W 740 I RS20D IC0	2500	18	3,4
600151431105	DKF291 2500Lm 18W 740 I RS33 IC0	2500	18	3,4
600151431106	DKF291 2500Lm 18W 740 I RS48 IC0	2500	18	3,4
600151431431	DKF291 4600Lm 35W 740 I AST4 IC0	4600	35	3,4
600151431301	DKF291 4600Lm 35W 740 I ASWD IC0	5000	35	3,4
600151431302	DKF291 5000Lm 35W 740 I RS20D IC0	5000	35	3,4
600151431110	DKF291 5000Lm 35W 740 I RS33 IC0	5000	35	3,4
600151431045	DKF291 5000Lm 35W 740 I RS48 IC0	5000	35	3,4