

# DKF 295 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 295
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> < 5%
	<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>Power range:</b> 205- 258W depending on type
	<b>Surge protection:</b> 4/6 kV

## LIGHTING PERFORMANCE

**CCT:**

1800, 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:**

29500-38000 Lm depending on type

**Photobiological safety:**

RG1

**Type of optic:**

Low ageing PMMA lenses

## CONSTRUCTION AND MATERIALS

**Dimensions LxWxH:**

610x420x80

**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

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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:

- Parking and large areas
- Sport facilities
- 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
600151431832	DKF295 29500Lm 205W 740 I ASWD IC0	29500	205	11
600151431065	DKF295 29500Lm 205W 740 I AST4 IC0	29500	205	11
600151431418	DKF295 31000Lm 205W 740 I RS48 IC0	31000	205	11
600151431064	DKF295 31000Lm 205W 740 I RS33 IC0	31000	205	11
600151431823	DKF295 31000Lm 205W 740 I RS20D IC0	31000	205	11
600151431822	DKF295 31000Lm 205W 740 I RS10 IC0	31000	205	11
600151431329	DKF295 36900Lm 258W 740 I ASWD IC0	36900	258	11
600151431393	DKF295 36900Lm 258W 740 I AST4D IC0	36900	258	11
600151431417	DKF295 38000Lm 258W 740 I RS48 IC0	38000	258	11
600151431031	DKF295 38000LM 258W 740 I RS33 IC0	38000	258	11
600151431813	DKF295 38000Lm 258W 740 I RS20D IC0	38000	258	11

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600151431416	DKF295 38000Lm 258W 740 l RS10 IC0	38000	258	11
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