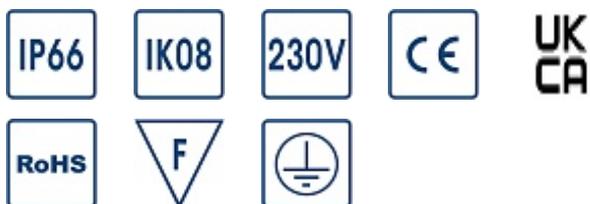


# DKF 294 Odin GEN2

# 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><br>DKF 294  |
| ELECTRICAL PARAMETERS | <b>Driver failure ratio:</b><br>< 10% at 100 000 hours<br><b>Driver type:</b><br>Built in PHILIPS Xitanium outdoor driver or Meanwell depends on type<br><b>Electrical isolation class IEC:</b><br>Safety class I as a standard, II on request<br><b>Input Frequency:</b><br>50-60 Hz<br><b>LED current ripple %:</b><br>< (4-30) depends on type<br><b>Mains voltage index:</b><br>220-240 V / 50-60 Hz<br><b>Nominal input voltage range:</b><br>202..254 or 198...264, depends on type<br><b>Power factor nominal:</b><br>up to 0.98<br><b>Power range:</b><br>150-172W depending on type<br><b>Surge protection:</b><br>4/6 kV |

## 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:**

21000-26000 Lm depending on type

**Photobiological safety:**

RG1

**Type of optic:**

Low ageing PMMA lenses

## CONSTRUCTION AND MATERIALS

**Dimensions LxWxH:**

532x347x68

**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:

- 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 |
|--------------|-------------------------------------|------------------|----------------------|------------|
| 600151431319 | DKF294 21000Lm 150W 740 I ASWD ICO  | 21000            | 150                  | 8,5        |
| 600151431340 | DKF294 21000Lm 150W 740 I AST4 ICO  | 21000            | 150                  | 8,5        |
| 600151431320 | DKF294 22000Lm 150W 740 I RS48 ICO  | 22000            | 150                  | 8,5        |
| 600151431349 | DKF294 22000Lm 150W 740 I RS33 ICO  | 22000            | 150                  | 8,5        |
| 600151431419 | DKF294 22000Lm 150W 740 I RS20D ICO | 22000            | 150                  | 8,5        |
| 600151431385 | DKF294 22000Lm 150W 740 I RS10 ICO  | 22000            | 150                  | 8,5        |
| 600151431428 | DKF294 25000Lm 172W 740 I ASWD ICO  | 25000            | 172                  | 8,5        |
| 600151431332 | DKF294 25000Lm 172W 740 I AST4D ICO | 25000            | 172                  | 8,5        |
| 600151431348 | DKF294 26000Lm 172W 740 I RS48 ICO  | 26000            | 172                  | 8,5        |
| 600151431022 | DKF294 26000Lm 172W 740 I RS33 ICO  | 26000            | 172                  | 8,5        |

# DKF 294 Odin GEN2

**TAKTON**

|              |  |       |     |     |
|--------------|--|-------|-----|-----|
| 600151431074 | DKF294 26000Lm 172W 740 l<br>RS20D IC0 | 26000 | 172 | 8,5 |
|--------------|--|-------|-----|-----|