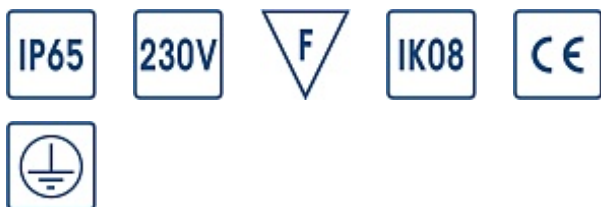


# RONDO

**TAKTON**



## Benefits:

- Slim, attractive design
- The highest quality LED components of proven manufacturers and reliable technical design ensures high-quality lighting and long lifetime
- Selection of light distributions for roads and area lighting
- Low ageing PMMA lenses by LEDIL
- Low initial investments

TYPE	<b>Product type:</b> RONDO DKS552
ELECTRICAL PARAMETERS	<b>Driver efficiency nominal:</b> up to 0.92  <b>Driver failure ratio:</b> < 10% at 50000 or 100000 hours depends on type  <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>Mains voltage index:</b> 230 – 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> 23-36W depending on type  <b>Surge protection:</b> 6/10 kV standard

## LIGHTING PERFORMANCE

### **CCT:**

3000K, 4000K

### **Color rendering index, CRI:**

> 70

### **Initial color shift, SDCM:**

< 5

### **Light distribution:**

Asymmetric for roads, areas, walkways, pedestrian crossings and other types on request

### **Light source:**

Modules with OSRAM OS LED chips

### **LOR:**

up to 0,94

### **Luminaire lumen output range, lm:**

2400....5000 Lm depending on type

### **Photobiological safety:**

RG1

### **Type of optic:**

Low ageing PMMA lenses

## CONSTRUCTION AND MATERIALS

### **Dimensions LxWxH:**

345x195x83

### **Effective protected area:**

-0.02

### **Housing colour:**

RAL 7035

### **Housing material:**

Housing: high-pressure, die-cast aluminium powder coated, no plastic parts

### **Ingress protection:**

IP66

### **Installation options:**

Post top or side entry installation 40-60mm with tilt regulation 0/5/10/15 dgr

### **Optical cover:**

Extra clear toughened flat glass

### **Windage area:**

no more 0,067sq.m above/below and 0,028sq.m side position

## OPERATION AND MAINTENANCE

### Electrical connection:

0,4m cable as standard or 5....8m cable as other options on request

### Maintenance:

Opening with screw, LED modules are non-replaceable and can be replaced by manufacturer only

### Maintenance of lumen output:

100000 hours – L90B10

### Operating temperature range:

-40...+35 C, typical for exact values

### Application:

- Urban road and streets
- Residential roads and paths
- Pedestrian crossroad

## MARKING AND APPROVALS

### CE mark:

CE marked

### ROHS mark:

ROHS complaint

## PRODUCT FAMILY RANGE

Ordering Code	Type	Power consumption, W	Flux,lm	Efficacy Lm/W	Weight kg
600151422322	DKS 552 2500Lm 18W 740 I NB2 48-60 IC0	18	2500	139	3.7
600151422323	DKS 552 2500Lm 18W 740 I WB 48-60 IC0	18	2500	139	3.7
600151422521	DKS 552 5000Lm 36W 740 I NB2 48-60 IC0	36	5000	139	3.7
600151422522	DKS 552 5000Lm 36W 740 I WB 48-60 IC0	36	5000	139	3.7