

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	
ELECTRICAL PARAMETERS	<p>Product type: RONDO DKS552</p> <p>Driver efficiency nominal: up to 0.92</p> <p>Driver failure ratio: < 10% at 50000 or 100000 hours depends on type</p> <p>Driver type: Built in PHILIPS Xitanium Outdoor driver</p> <p>Electrical isolation class IEC: Safety class I as a standard, II on request</p> <p>Input Frequency: 50-60 Hz</p> <p>Mains voltage index: 230 – 240 V / 50 – 60 Hz</p> <p>Nominal input voltage range: 202..254 or 198...264, depends on type</p> <p>Power factor nominal: up to 0.98</p> <p>Power range: 23-36W depending on type</p> <p>Surge protection: 6/10 kV standard</p>

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 by LEDIL

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

Impact resistance:

IK08

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
600151422001	DKS 552 LED025 18W 740 I NB 48-60	18	2500	139	3.7
600151422002	DKS 552 LED025 18W 740 I WB 48-60	18	2500	139	3.7
600151422003	DKS 552 LED050 36W 740 I NB 48-60	36	5000	139	3.7
600151422004	DKS 552 LED050 36W 740 I WB 48-60	36	5000	139	3.7