

RONDO DKS 552

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	Product type RONDO DKS 552
ELECTRICAL PARAMETERS	Driver efficiency nominal up to 0.92 Driver failure ratio < 10% at 50000 or 100000 hours depends on type Driver type Built in PHILIPS Xitanium Outdoor driver Electrical isolation class IEC Safety class I as a standard, II on request Input Frequency 50-60 Hz Mains voltage index 230 – 240 V / 50 – 60 Hz Nominal input voltage range 202...254 or 198...264, depends on type Power factor nominal up to 0.98 Power range 18-36 W depending on type Surge protection 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 by LEDIL

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**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
IP65
Installation options
Side entry installation 40-60mm without regulation
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 mark
ROHS mark
ROHS mark

PRODUCT FAMILY RANGE

Ordering Code	Type	Power consumption, W	Flux,lm	Efficacy Lm/W	Efficacy Lm/W
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