

BILLUND

TAKTON



Benefits:

- Classic design lets to use it in historical parts of a city
- Wide range of possible light distributions allows to solve many tasks in city illumination
- Easy installation with pre-installed cable



TYPE	Product type: DPS 355
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
	LED current ripple %: < (4-30) depends on type
	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 0.86
	Power range: 40 – 60 W depending on type
	Surge protection: 4/6 kV

LIGHTING PERFORMANCE

CCT:

1700?, 3000K, 4000K, 5700K

Color rendering index, CRI:

> 70

Initial color shift, SDCM:

< 5

Light distribution:

Wide beam as standard.

Light source:

Modules with OSRAM long life ceramic package LED chips with silicone lens diodes

LOR:

up to 0,89

Luminaire lumen output range, lm:

4200 – 6300 lm depending on type

Photobiological safety:

RG1

Type of optic:

Low ageing PMMA lenses

CONSTRUCTION AND MATERIALS

Dimensions LxWxH:

445x590

Housing colour:

Black RAL 9005

Housing material:

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

Impact resistance:

IK09

Ingress protection:

IP66

Installation options:

Post top installation 60-76mm

Optical cover:

Extra clear toughened flat glass

Windage area:

no more 0,157sq.m above/below and 0,012sq.m side position

OPERATION AND MAINTENANCE

Electrical connection:

0.4m cable with IP66 connector as standard

Maintenance:

Opening with screw, 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:

- Parks
- Squares
- Boulevards
- Embankments
- Recreation areas
- Residential roads and paths
- Pedestrian crossroad

MARKING AND APPROVALS

CE mark:

CE marked

ROHS mark:

ROHS complaint

PRODUCT FAMILY RANGE

EOC	Description	Power, W	Light output, Lm	Weight, kg
600151532103	DPS355 5000Lm 40W I 740 WSD IC0	40	5000	13
600151532104	DPS355 8000Lm 60W I 740 WSD IC0	60	8000	13