Bergen

TAKTON

IP66 IK09 230V CE UK CA

Benefits:

- Modern design lets to be a part of city beautification in a daytime
- Wide range of possible light distributions allows to solve many tasks in city illumination
- Ready for connection with lighting control applications with Zhaga or Nemo sockets
- Easy installation with pre-installed cable

TYPE	**Product type:** DPS 455
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 0.98 **Power range:** 32 – 80 W depending on type **Surge protection:** 4/6 kV

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LIGHTING PERFORMANCE

CCT:
3000K, 4000K, 5700K

Color rendering index, CRI:
> 70

Initial color shift, SDCM:
< 5

Light distribution:
Wide beam as standard. AS,NB optics on request

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:
481×469

Housing colour:
DARK GREY RAL 7015

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

Impact resistance:
IK09

Ingress protection:
IP66

Installation options:
Post top installation 40-60mm

Optical cover:
Extra clear toughened flat glass

Windage area:
no more 0,18sq.m above/below and 0,025sq.m side position

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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

Code	Type	Power consuptio n W	Initial luminous flux lm	Color, K	Weight kg	IP	IK
600151532201	DPS455 LED102 80W PC I 740 40-60	80	10200	4000	13	66	09
600151532202	DPS455 LED090 70W PC I 740 40-60	70	9000	4000	13	66	09
600151532203	DPS455 LED055 42W PC I 740 40-60	42	5500	4000	13	66	09
600151532204	DPS455 LED040 32W PC I 740 40-60	32	4000	4000	13	66	09