

IP66

IK09

230V



CE

LED

TYPE	<b>Product type</b> DPS 455
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>LED current ripple %</b> <(4-30) depends on type <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> 32-80 W depending on type <b>Surge protection</b> 4/6 kV
LIGHTING PERFORMANCE	<b>CCT</b> 3000K, 4000K, 5700K <b>Color rendering index, CRI</b> >70 <b>Initial color shift, SDCM</b> <5 <b>Light distribution</b> Wide beam as standard. AS,NB optics on request <b>Light source</b> Modules with OSRAM long life ceramic package LED chips with silicone lens diodes <b>LOR</b> up to 0,89 <b>Luminaire lumen output range, lm</b> 4000 – 10200 lm depending on type <b>Photobiological safety</b> RG1 <b>Type of optic</b> Low ageing PMMA lenses by LEDIL



CONSTRUCTION  
AND MATERIALS**Dimensions LxH**

481x469

**Housing colour**

Dark grey

**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

OPERATION  
AND MAINTENANCE**Electrical connection**

0.4m cable with IP66 connector as standard

**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**• Parks • Squares • Boulevards • Embankments • Recreation areas  
Residential roads and paths • Pedestrian crossroadMARKING  
AND APPROVALS**CE mark**

CE marked

**ROHS mark**

ROHS complaint

## PRODUCT FAMILY RANGE

Code	Type	Power consumption 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