

# BASEL

IK09

230V

IP66



## BENEFITS

Traditional design keeps historical atmosphere in the city

Possible to be in different colors

High quality components, all made in Europe

Easy installation with pre-installed cable

## 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

**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:** 4/6/10 kV

## LIGHTING PERFORMANCE

**CCT:** 1800,3000K, 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:** 2500-5000 lm depending on type

**Photobiological safety:** RG1

**Type of optic:** Low ageing PMMA lenses

## CONSTRUCTION AND MATERIALS

**Housing colour:** DARK GREY RAL 7015 as standard

All other colors possible on request

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

**Impact resistance:** IK09

**Ingress protection:** IP66

**Installation options:** Post top installation 40-76mm

**Optical cover:** PC transparent tube

**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, 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

## MARKING AND APPROVALS

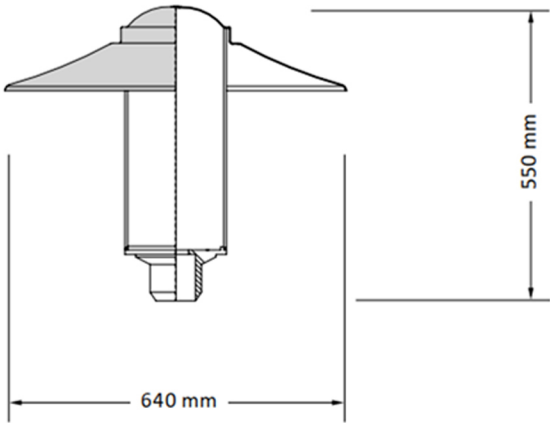
**CE mark:** CE marked

**ROHS mark:** ROHS complaint

# STANDARD PRODUCT RANGE

Code	Type	Power W	Light output LM	Efficacy
600151451001	DPS655 2300LM 18W 730 I IC0 IP66	18	2300	127
600151451002	DPS655 4600LM 36W 730 I IC0 IP66	36	4600	1127
600151451003	DPS655 2500LM 18W 740 I IC0 IP66	18	2500	139
600151451004	DPS655 5000LM 36W 740 I IC0 IP66	36	5000	139

## DIMENSIONS:



## APPLICATION:

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