

# BASEL

# TAKTON



## 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



TYPE	<b>Product type:</b> DPS 655
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
	<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> 18-36 W depending on type
	<b>Surge protection:</b> 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 40-60mm

### **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

### 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 number	Description	Power, W	System flux,Lm	Efficacy Lm/W
600151451001	DPS655 2500LM 18W 730 I IC0 IP66	18	2500	139
600151451002	DPS655 5000LM 36W 730 I IC0 IP66	36	5000	139
600151451003	DPS655 2500LM 18W 740 I IC0 IP66	18	2500	139
600151451004	DPS655 5000LM 36W 740 I IC0 IP66	36	5000	139