

# 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	<b>Product type:</b> DPS 355
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 0.86
	<b>Power range:</b> 40 – 60 W depending on type
	<b>Surge protection:</b> 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