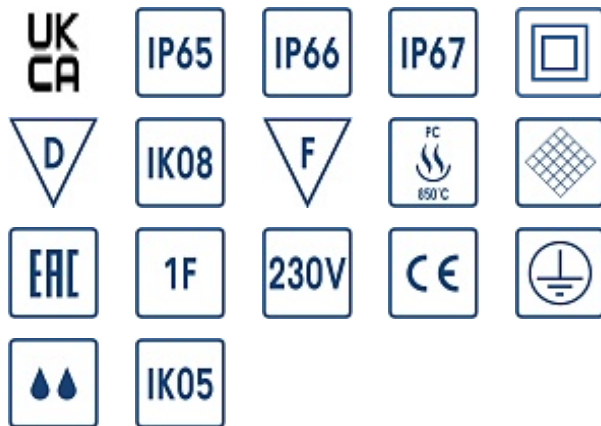


# DCW111

# TAKTON



## Benefits:

- High efficacy up to 165 lm/W
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length

## FUNCTIONALITY

### Initial LED luminaire efficacy:

158-164 lm/W depending on type

### Optical cover:

Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

### Color Rendering Index (CRI):

> 80

### Power supply:

driver included

### Light source:

OSRAM LED chips

|                         |   |
|-------------------------|---|
| ELECTRICAL PARAMETERS   | <p><b>Driver efficiency nominal:</b><br/>0,87-0,92 depends on type</p> <p><b>Electrical isolation class IEC:</b><br/>Class I as a standard, Class II on request</p> <p><b>Input Frequency:</b><br/>50-60 Hz</p> <p><b>Power factor nominal:</b><br/>0,95</p> <p><b>Input voltage:</b><br/>220 – 240 V</p> <p><b>Power consumption:</b><br/>25-72 W depending on type</p>                |
| MECHANICAL PARAMETERS   | <p><b>Ingress protection:</b><br/>IP65, (IP66, IP67 as option)</p> <p><b>Impact resistance:</b><br/>IK05, IK10 as option</p> <p><b>Installation:</b><br/>on surface</p> <p><b>Body material:</b><br/>Flame retardant glass-fibre reinforced polyester</p>   |
| OVERTIME PERFORMANCE    | <p><b>Driver service life time @10% failures:</b><br/>50000-100 000 hours depends on type</p> <p><b>Initial system efficacy:</b><br/>158-164Lm/W depends on type</p> <p><b>Luminous flux system tolerance:</b><br/>+/- 7%</p> <p><b>Median useful life of LED source:</b><br/>L80-L90 B50(B20) 50000hrs<br/>(depends on type)</p> <p><b>Power consumption tolerance:</b><br/>+/- 7%</p> |
| ENVIROMENTAL CONDITIONS | <p><b>Ambient temperature range:</b><br/>-20+35 C</p>   |

## GENERAL INFORMATION

### Flammability:

Not fire resistant

### CE mark:

CE mark

### ROHS mark:

ROHS mark

### Application:

- Parking garages
- Warehouses
- General lighting

## PRODUCT FAMILY RANGE

| EOC          | DESCRIPTION                                 | W  | Lm    | Lm/W | T, K | Diffuser | Protection |
|--------------|---|----|-------|------|------|----------|------------|
| 700151252603 | DCW 111-120<br>LED041 25W 840<br>HE OP PMMA | 25 | 4100  | 164  | 4000 | Opal     | IP 65      |
| 700151252604 | DCW 111-120<br>LED080 49W 840<br>HE OP PMMA | 49 | 8000  | 163  | 4000 | Opal     | IP 65      |
| 700151252605 | DCW 111-150<br>LED070 44W 840<br>HE OP PMMA | 44 | 7000  | 159  | 4000 | Opal     | IP 65      |
| 700151252606 | DCW 111-150<br>LED114 72W 840<br>HE OP PMMA | 72 | 11400 | 158  | 4000 | Opal     | IP65       |

| DESCRIPTION        | Number of luminaires on MCB (max) |     |     |     |
|--------------------|-----------------------------------|-----|-----|-----|
|                    | B10                               | B16 | C10 | C16 |
| DCW111 18-50W      | 22                                | 36  | 22  | 36  |
| DCW111 18-50W DALI | 15                                | 24  | 25  | 41  |
| DCW111 50-75W      | 15                                | 24  | 25  | 41  |
| DCW111 75-100W     | 14                                | 22  | 23  | 27  |