

Products /  **CASTALDI** / SOSIA D06 / D06 SOSIA OPAL / D06K/OPLWW-16DD

## SOSIA D06 D06K/OPLWW-16DD

### TECHNICAL DATA

#### GENERAL

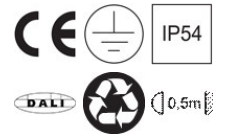


|                    |   |
|--------------------|---|
| Item code          | D06K/OPLWW-16DD   |
| Place installation | indoor  |
| Name               | D06 SOSIA OPAL / D06K/OPLWW-16DD suspension   |
| Environments       | hallway, conference hall, office, retail areas,<br>industrial areas, study areas, places of worship |



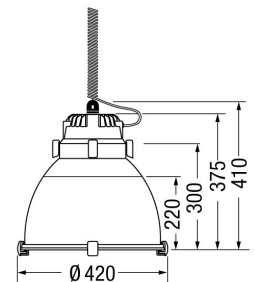
#### PHYSICAL

|                   |   |
|-------------------|---|
| Installation type | suspension  |
| Mounting type     | surface   |
| Painting          | Polyester powder coating, with a pluri-processed<br>against corrosion (passed the exposure of over 1500<br>hours in a saline mist environment). |
| Screws            | AISI 304 stainless steel screws.  |
| Seals             | Silicone Rubber.  |
| Body              | Die-cast light alloy cap. High resistance composite<br>technopolymers hooks. Anodized aluminium collar.   |



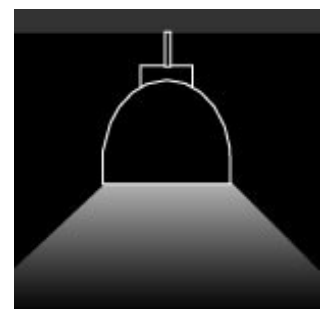
#### DIMENSIONS

|                               |     |
|-------------------------------|-----|
| H: Total height device (mm)   | 410 |
| D: Total diameter device (mm) | 420 |



#### OPTICAL SYSTEMS

|                |  |
|----------------|--|
| Opening beam   | roto-symmetrical   |
| Optical System | Safety tempered protective glass, with light diffusing<br>texture. |
| Diffuser       | UV-stabilized unbreakable opaline polycarbonate.                   |



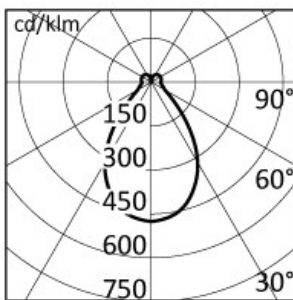
## SOURCES

| Source Type | Source Power | System Power | Source | Lamp Socket | Sources Temperature Colour | Nominal Flux | Output Flux | MacAdam |
|-------------|--------------|--------------|--------|-------------|----------------------------|--------------|-------------|---------|
| LED COB     | 38W          | -            | -      | -           | 3000K CRI>80               | -            | 3950 lm     | Step 2  |

## ELECTRICAL

|                       |                          |
|-----------------------|--------------------------|
| Ballast type          | DALI.                    |
| Mounting ballast type | Integral                 |
| Lifetime              | 60.000h L90B10 (Ta=25°C) |
| Voltage               | 220-240V                 |
| Frequency             | 50-60Hz                  |

## PHOTOMETRICS



| h (m) | Ø (m) | Y=0.0 α=β=73° | E <sub>med</sub> (lx) |
|-------|-------|---------------|-----------------------|
| 1.00  | 1.69  |               | 864                   |
| 2.00  | 2.97  |               | 216                   |
| 3.00  | 4.46  |               | 96                    |
| 4.00  | 5.75  |               | 54                    |
| 5.00  | 7.43  |               | 35                    |

## NORMS / DIRECTIVES

|            |                          |
|------------|--------------------------|
| Norms      | EN 60598-1, EN 60598-2-1 |
| Directives | 2014/35/UE, 2014/30/UE   |

## ACCESSORIES

## OPTIONAL ACCESSORIES

### Mounting

|                              |   |
|------------------------------|---|
| <b>Accessory code</b>        | <b>ACS/KIT2-DD-N</b>  |
| <b>Technical description</b> | <p>For DALI models. Suspension kit DALI extendable from 1.5 to 3m. Injection moulded ceiling rose with an independent anchoring base. Mechanical suspension with flexible rope in galvanized steel. Terminal block two poles plus earth with security cable clamp. Electric wire with extendable spiral 3x1mm<sup>2</sup> cross-section H05VVH8-F and wire 2x0.5mm<sup>2</sup> cross-section for DALI signal. Suitable for indoor application. -N BLACK</p> |



|                              |   |
|------------------------------|---|
| <b>Accessory code</b>        | <b>ACS/KIT1-DD-N</b>  |
| <b>Technical description</b> | <p>For DALI models. Suspension kit DALI extendable from 0.7 to 1.5m. Injection moulded ceiling rose with an independent anchoring base. Mechanical suspension with flexible rope in galvanized steel. Terminal block two poles plus earth with security cable clamp. Electric wire with extendable spiral 3x1mm<sup>2</sup> cross-section H05VVH8-F and wire 2x0.5mm<sup>2</sup> cross-section for DALI signal. Suitable for indoor application. -N BLACK</p> |

