

## PL-CN50-COB- 1400-935UW-24D-G2

PrevaLED COIN 50 COB G2 | LED modules with integrated optics and heat sink



### A termék jellemzői

- Color consistency < 2 SDCM
- TM30 compliant
- High flux output up to 1500 lm
- Beam angle: 15°, 24°, 40°

### A termék előnyei

- Precise optical control and free from multi-shadow issue
- Replaceable front cover to maximize optics flexibility and future extension
- Dual mode options in High-Output (HO) and High-Efficacy (HE)

### Alkalmazási területek

- Retail, shop, restaurant, hospitality
- High-end residential
- Suitable for indoor applications
- Connecting multiple modules in parallel on one LED driver is not permitted
- Connecting multiple modules in series on one LED driver is not recommended
- Do not use in sealed fixtures
- Avoid covering the lens with dust or any object



Műszaki adatok

Elektromos adatok

|                                      |                              |
|--------------------------------------|------------------------------|
| Névleges áram                        | 0.35 A                       |
| Névleges feszültség                  | 34.5 V                       |
| Áram típusa                          | DC                           |
| On-mode power [AGGR]                 | 12.00 W                      |
| Energy consumption in on-mode [AGGR] | 12.0 kWh/1000h <sup>1)</sup> |

1) \_

Fotometriai adatok

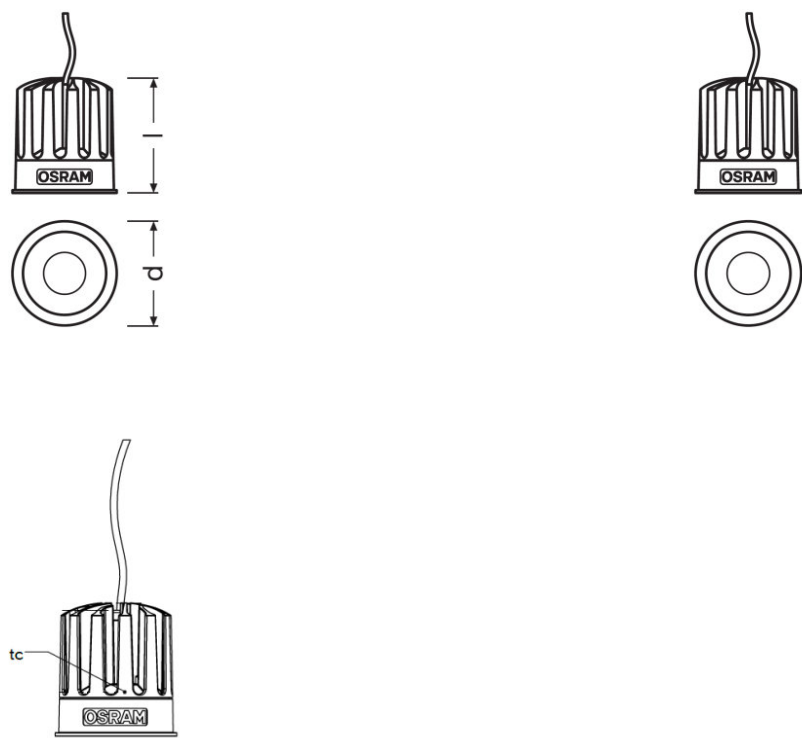
|                                             |                       |
|---------------------------------------------|-----------------------|
| Luminous efficacy                           | 105 lm/W              |
| Fényszín (megnevezés)                       | 3500 K                |
| Színvisszaadási index                       | 90                    |
| Correlated color temperature CCT [AGGR]     | 3500 K                |
| Peak luminous intensity [AGGR]              | 4850                  |
| Colour consistency (McAdam ellipses) [AGGR] | 2                     |
| Useful luminous flux (Φuse) [AGGR]          | 1150 lm <sup>1)</sup> |

1) 90°

Fénytechnikai adatok

|                  |          |
|------------------|----------|
| Gyújtási idő     | < 0.5 s  |
| Bemelegedési idő | < 2.00 s |
| Beam angle       | 24 °     |

Méretetek és súly



|                     |                       |
|---------------------|-----------------------|
| Átmérő              | 50.0 mm <sup>1)</sup> |
| Termék súlya        | 90.00 g               |
| Height EPREL [AGGR] | 55.0 mm               |
| Length EPREL [AGGR] | 50.0 mm               |
| Width EPREL [AGGR]  | 50.0 mm               |

<sup>1)</sup> ±0.3 mm

Szín és anyag

|                 |      |
|-----------------|------|
| Hűtőborda színe | Grey |
|-----------------|------|

Hőmérséklet és működési feltételek

|                                        |              |
|----------------------------------------|--------------|
| Működési hőmérséklet IEC 62717 szerint | 70 °C        |
| Max. hőmérséklet a tc mérőponton       | 90 °C        |
| Környezeti hőmérséklet tartomány       | -25...+40 °C |
| Hőmérséklet-tartomány tároláskor       | -40...80 °C  |

Élettartam

|                           |       |
|---------------------------|-------|
| Kapcsolási ciklusok száma | 15000 |
|---------------------------|-------|

Termék adatlap

|                                     |                       |
|-------------------------------------|-----------------------|
| Lumen maintenance factor LMF [AGGR] | 96 <sup>1)</sup>      |
| L70B50 lifetime [AGGR]              | 50000 h <sup>1)</sup> |

1) \_

További termékadatok

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product remark                  | Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information (see www.osram.com/led-systems)/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values/Tolerance for optical and electrical data: +/-10% |
| Lighting technology used [AGGR] | LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Képességek

|            |     |
|------------|-----|
| Dimmelhető | Yes |
|------------|-----|

Tanúsítványok és szabványok

|                                |                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Szabványok                     | Acc. to IEC 62471/Acc. to EN 60598-1/Acc. to EN 60529/Acc. to EN 55015/Acc. to EN 61547/Acc. To EN62031 IEC 605981/CE |
| Védettség típusa               | IP20                                                                                                                  |
| Energy efficiency class [AGGR] | F                                                                                                                     |

Logisztikai adatok

|                |              |
|----------------|--------------|
| Commodity code | 853951000000 |
|----------------|--------------|

Környezetvédelmi információk

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                    |
|-----------------------------------------------------------------------|------------------------------------|
| Date of Declaration                                                   | 20-07-2022                         |
| Primary Article Identifier                                            | 4052899621282                      |
| Candidate List Substance 1                                            | No declarable substances contained |
| Declaration No. in SCIP database                                      | No declarable substances contained |

Download Data

| File |
|------|
|------|

Termék adatlap

|                                                                                   |                                                        |
|-----------------------------------------------------------------------------------|--------------------------------------------------------|
|  | Certificates<br>PL CN50 COB 1400 G2 ENEC 181121        |
|  | CAD data<br>PL CN50 COB G2 STEP 160321                 |
|  | CAD data<br>PL CN50 G2 STEP 041121                     |
|  | IES data<br>PL CN50 COB 1400 935UW 24D G2.1 IES 120522 |

Logisztikai adatok

| Termékkód     | Termékmegnevezés               | Csomagolás (darab/egység) | Méretek (hosszúság x szélesség x magasság) | Térfogat             | Bruttó súly |
|---------------|--------------------------------|---------------------------|--------------------------------------------|----------------------|-------------|
| 4052899621282 | PL-CN50-COB- 1400-935UW-24D-G2 | Karton<br>20              | 268 mm x 110 mm x 138 mm                   | 4.07 dm <sup>3</sup> | 2156.00 g   |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Opcionális tartozékok

| Termékmegnevezés               | Tartozékok neve                | Tartozékok kódja |
|--------------------------------|--------------------------------|------------------|
| PL-CN50-COB- 1400-935UW-24D-G2 | PL-CN50 -ROUND-RING            | ▶ 4062172134842  |
| PL-CN50-COB- 1400-935UW-24D-G2 | 40D LENS FOR COIN 50 COB G2    | ▶ 4062172235051  |
| PL-CN50-COB- 1400-935UW-24D-G2 | BLACK COVER FOR COIN 50 COB G2 | ▶ 4062172251808  |

Lemondás

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.