



## APPLICATION

- Recessed LED luminaire for interior lighting
- Installation on ceiling, wall and skew surfaces

## FEATURES / TECHNICAL DATA

- Luminaire equipped with LED chips of renowned brands Samsung, LG
- Possibility of individual adjustment of luminaire power by manufacturer
- Continuous control dimming capability 0 - 100% DALI, PWM
- Luminaire's specific output diffuser MICRO >159 lm/W at 28W CRI 80
- Luminaire's specific output diffuser MEDIO >121 lm/W at 31W CRI 80
- LED service life L85 / B10 ≤50000h
- LED service life indicated by the manufacturer L90 ≤ 100000h
- Replacement chromaticity colour temperature 3000K, 4000K
- Colour rendering of CRI 80, 90, 95
- Protection category IP20
- Energy class A+++
- Low starting flow currents
- Connection: screw connector terminal block, max. conductor cross section 2,5mm<sup>2</sup>
- Wide range of operating temperatures: ta - 20°C to + 65°C
- Low EMC interference (55W Lambda = 0.97)
- 6-year warranty

## LUMINAIRE

- Luminaire frame from anodised aluminum
- Luminaire body - metal sheet RAL 9006

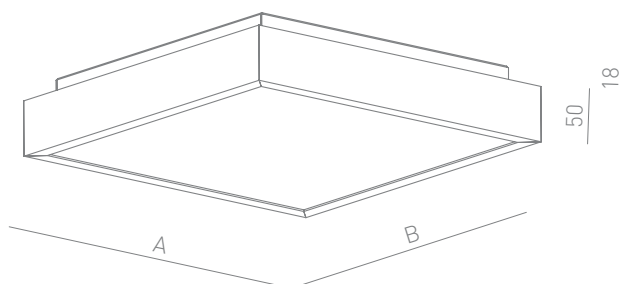
## DIFUSSER

- MICRO - PMMA Clear Colours / microprisma

## POWER SUPPLY

- Bright Engine® LED module assembly
- Direct mains (230V) power supply without the need for a low voltage power driver
- Protection against damage caused by electrostatic discharge





Series O types	A × B [mm]	E [mm]	Output [W]	Difusser	Protection	Colour temperature		CRI			Control
O 300											
O 303	300 × 300	68	8W - 26W	MICRO	IP20	3000K	4000K	80+	90+	98+	PWM
KOD O 303			X	C	2	3	4	8	9	8	P
O 306	300 × 650	68	8W - 26W	MICRO	IP20	3000K	4000K	80+	90+	98+	PWM
KOD O 306			X	C	2	3	4	8	9	8	P
O 312	300 × 1150	68	18W - 55W	MICRO	IP20	3000K	4000K	80+	90+	98+	DALI
KOD O 312			X	C	2	3	4	8	9	8	D

Series O types	A × B [mm]	E [mm]	Output [W]	Difusser	Protection	Colour temperature		CRI			Control
O 600											
O 606	574 × 574	68	18W - 55W	MICRO	IP20	3000K	4000K	80+	90+	98+	DALI
KOD O 606			X	C	2	3	4	8	9	8	D



Code composition ex.: **060646C248D** = **0606** + **46** + **C** + **2** + **4** + **8** + **D**

## Bright Engine®

Bright Engine® is a LED lighting module for direct 230VAC power supply without the use of low voltage drivers. Unique design of the LED module delivers an unrivaled combination of luminous efficiency, service life, reliability, durability and cost. With this design and pricing policy, we use the Bright Engine® module as a common light source in our luminaires that we manufacture in the Czech Republic. Bright Engine® luminaires are dimmable.