Product data sheet

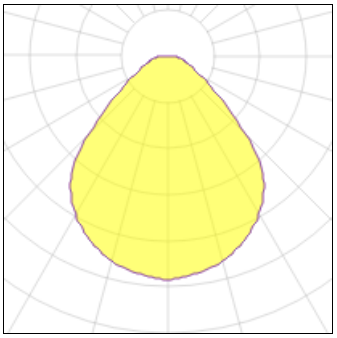
TOLEDO FLAT+ ROUND A
901821.002
RZB



IP 40 IK 03

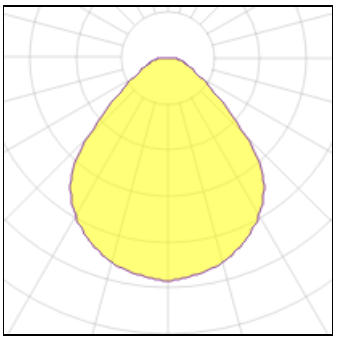
Series: TOLEDO FLAT+ round Flexible round surface-mounted multifunction downlight. Housing made of die-cast aluminium, powder-coated. Diffuser made of non-yellowing plastic (PMMA) microprismatic. LED backlight technology for homogeneous illumination of the entire light-emitting surface. MultiColour: Colour temperature individually adjustable either 3000 K or 4000 K via switching element. Factory setting 4000 K. MultiLumen: 4 steps adjustable luminous flux. Factory setting step 2. Suitable for Ceiling mounting, Pendel für schräge Decke, Wall (surface). Through-wiring with separately available accessories possible. Through-wiring box (5 pole) available as accessory. Pendant luminaire also possible with accessories. Colour: white Diameter: 270 mm Height: 70 mm Lamp: LED Socket: without socket Colour temperature: 3000K, 4000K Colour rendering index (CRI): 80 System power: 12 W Rated luminous flux: 1450 lm Beam angle Down: 89° Luminous efficiency: 121 lm/W System power 2: 15 W Rated luminous flux 2: 1950 lm Luminous efficiency 2: 130 lm/W System power 3: 19 W Rated luminous flux 3: 2450 lm Luminous efficiency 3: 129 lm/W System power 4: 22 W Rated luminous flux 4: 2800 lm Luminous efficiency 4: 127 lm/W Control gear: Regulated power supply Protection class: II Type of protection: IP 40

Light output 1



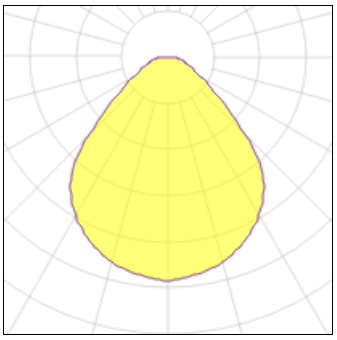
1 x LED

Nominal lamp power	15 W	LOR	67%
Lamp flux	1950 lm	ULOR	14%
Luminous efficacy	87 lm/W	Total flux	1301 lm
CCT	4000 K	Total power	15 W
CRI	80		



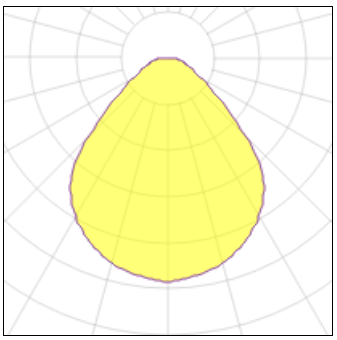
1 x LED

Nominal lamp power	15 W	LOR	67%
Lamp flux	1900 lm	ULOR	14%
Luminous efficacy	84 lm/W	Total flux	1267 lm
CCT	3000 K	Total power	15 W
CRI	80		



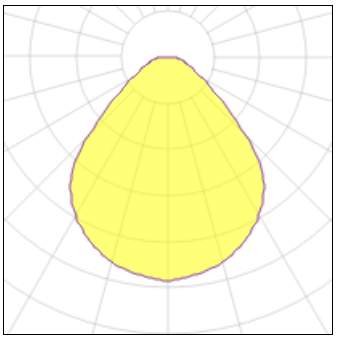
1 x LED

Nominal lamp power	12 W	LOR	67%
Lamp flux	1450 lm	ULOR	14%
Luminous efficacy	81 lm/W	Total flux	967 lm
CCT	4000 K	Total power	12 W
CRI	80		



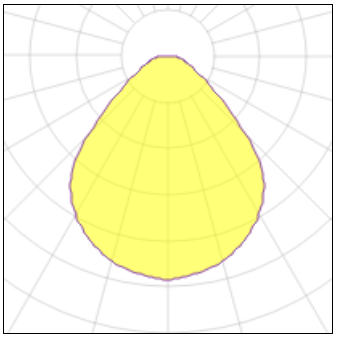
1 x LED

Nominal lamp power	12 W	LOR	67%
Lamp flux	1400 lm	ULOR	14%
Luminous efficacy	78 lm/W	Total flux	934 lm
CCT	3000 K	Total power	12 W
CRI	80		



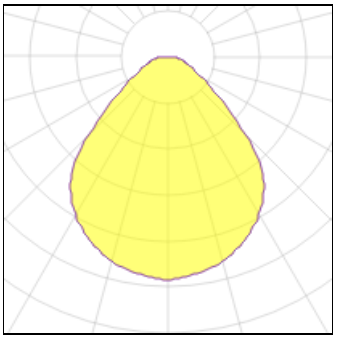
1 x LED

Nominal lamp power	19 W	LOR	67%
Lamp flux	2350 lm	ULOR	14%
Luminous efficacy	83 lm/W	Total flux	1568 lm
CCT	3000 K	Total power	19 W
CRI	80		



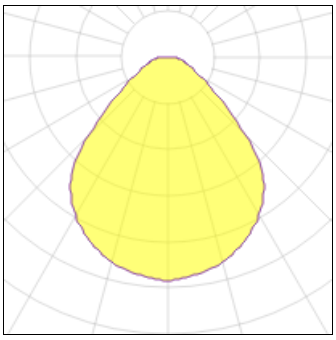
1 x LED

Nominal lamp power	22 W	LOR	67%
Lamp flux	2800 lm	ULOR	14%
Luminous efficacy	85 lm/W	Total flux	1868 lm
CCT	4000 K	Total power	22 W
CRI	80		



1 x LED

Nominal lamp power	22 W	LOR	67%
Lamp flux	2700 lm	ULOR	14%
Luminous efficacy	82 lm/W	Total flux	1801 lm
CCT	3000 K	Total power	22 W
CRI	80		



1 x LED

Nominal lamp power	19 W	LOR	67%
Lamp flux	2450 lm	ULOR	14%
Luminous efficacy	86 lm/W	Total flux	1634 lm
CCT	4000 K	Total power	19 W
CRI	80		

Mounting mode

Ceiling mounted

Shape and measurements

Height: 2.76 in

Diameter: 10.63 in

Adjustability

Fixed

Electric

System power: 12-22 W

Protection

IP: 40

IK: 03