



9016



7042



7016



9005

OWA SU

LUMINAIRE FEATURES

- Wide selection of colors
- Compact plastic luminaire with power ranging from 1W to 5W
- High ingress protection

AVAILABLE SYSTEMS

- STANDARD** – (ST) tests commissioned manually
- AUTOTEST** – (AT) internal components, battery and light source tests being performed automatically
- CENTRALTEST** – (CT) internal components, battery and light source tests being performed on command from the main unit
- CENTRALTEST WIRELESS** – (CTBT, CTRF, CTW) Centraltest with RF and/or Bluetooth communication
- CB** – luminaire supplied centrally from the HVCBS
- CBAM** – luminaire supplied centrally from the HVCBS, with built-in address module and operating mode selection
- LVAM** – luminaire supplied centrally with 24V DC from the LVDBS, with built-in address module and operating mode selection



IP65



IK07
IK09

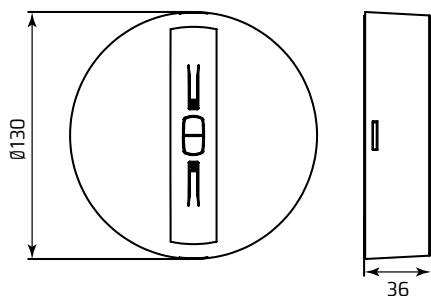


TE



LiFePO4
Li-Ion

DIMENSIONS



MOUNTING TYPE

Directly to the ceiling



TECHNICAL DATA

Feature	For Version ¹⁾	Value
Housing material		PC/ABS mix
Supply voltage	ST, AT, CT, CTW	230V AC 50/60Hz
	CB, CBAM	230V AC 50/60Hz 170–275V DC
Protection class	LVAM	10–32V DC
	ST, AT, CT, CTW, CB, CBAM	II
Ingress protection	LVAM	III
		IP65
Mechanical resistance	AP, AR, RO, SD	IK07
	RP	IK09
Light source		LED module ¹⁾
Correlated Color Temperature	CW	5200–5700K
	NW	3700–4200K
	WW	2700–3300K
Colour rendering index		70
Light source supply power		1W, 2W, 3W, 4W, 5W
Battery type and voltage		LiFePO4 6.4V
	3000	Li-Ion 3.7V
Battery capacity		0.6Ah, 1.5Ah, 2.0Ah
	3000	0.7Ah, 2.2Ah, 4.4Ah
Battery recharging time	ST, AT, CT, CTW	< 12h
Emergency operation time	ST, AT, CT, CTW	1h, 3h, 8h
	ST, AT, CT, CTW	+5 – +35°C
Ambient temperature	3000 ST, AT	+5 – +35°C; TE: ²⁾ -20 – +45°C
	CB, CBAM	-10 – +45°C; TE: ²⁾ -25 – +55°C
	LVAM	-25 – +55°C
Supply cable cross-section area		0.5–2.5mm ²
Supply cable diameter		≤ 16mm
Communication cable diameter	CT	≤ 7mm
Through wiring		Yes
Suitable for surface wiring		No

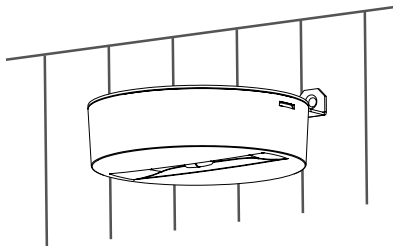
¹⁾ The value depends on the product version, the abbreviations are explained in the 'Ordering' table on the last page;

²⁾ Non-exchangeable, but serviceable light source;

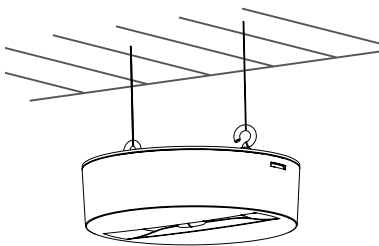
³⁾ TE – extended temperature range (unavailable for 3000/3001 variant 3–5W 3h)

ADDITIONAL MOUNTING KITS

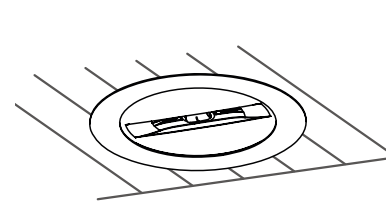
W170 – sideways to the wall



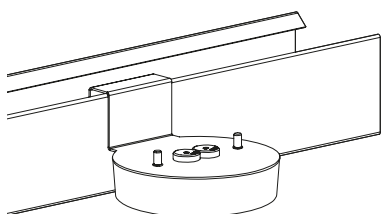
C116 – suspended



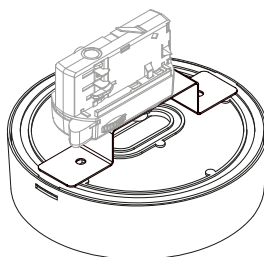
C173 – flush-mounted



W171 – sideways to the profile



C172 – a mounting for busbars
(adapter not included)



UNIVERSAL MOUNTING KITS

UMK C143 – complete kit
for suspension mounting on cables
with adjustable length



UMK C144 - CO – complete kit
for suspension mounting on cables



UMK C144 - CH – complete set
for suspension mounting on chains



UMK C200 – set of two steel cables
with loops, with adjustable length
(to be used together with UMK C202)



UMK C201 – set of two steel chains
(to be used together with UMK C202)

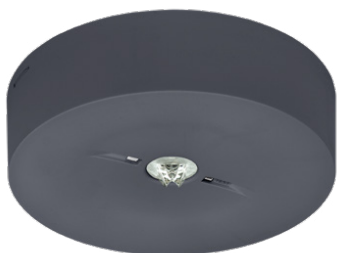


UMK C202 – set of hooks
for hanging luminaires



SAMPLE CONFIGURATIONS

SIDE, 7016



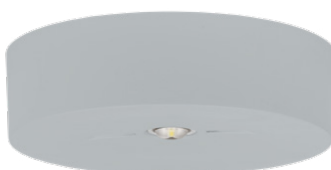
ROAD PLUS, 9016



ROAD PLUS, 9005

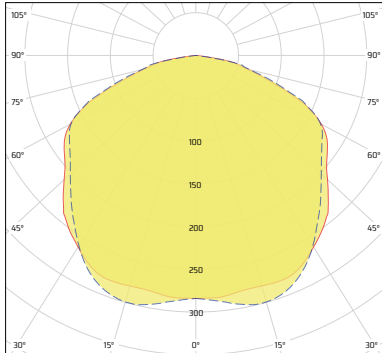


AREA, 7042



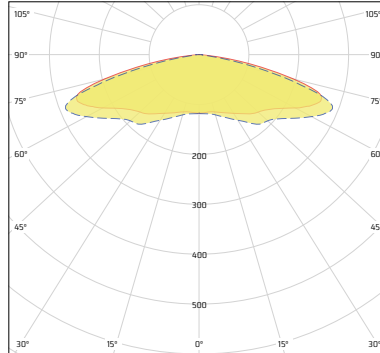
AVAILABLE OPTICS, LIGHT DISTRIBUTION CURVES AND MINIMUM LUMINOUS FLUX

AREA – (AR) symmetrical light distribution in all directions, recommended for use in places of considerable height or to illuminate fire points



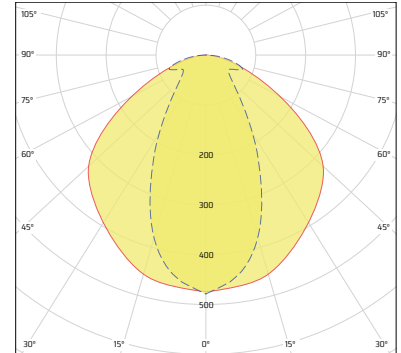
Power [W]	Flux [lm]
1	145
2	239
3	335
4	438
5	486

AREA PLUS – (AP) symmetrical light distribution in all directions, ensuring adequate illumination on a large area



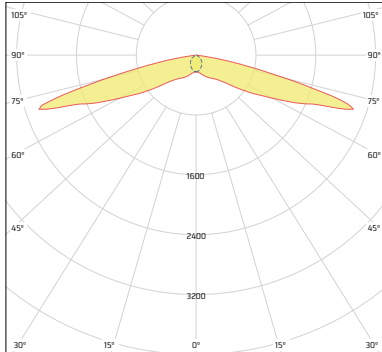
Power [W]	Flux [lm]
1	139
2	229
3	340
4	426
5	466

ROAD – (RO) symmetrical light distribution in all directions, ensuring adequate illumination on a large area



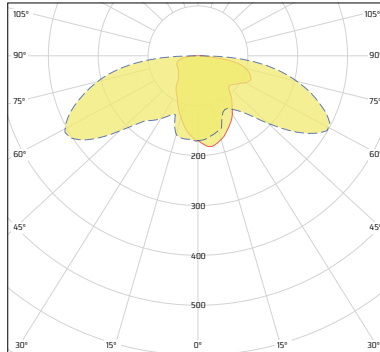
Power [W]	Flux [lm]
1	142
2	234
3	337
4	385
5	466

ROAD PLUS – (RP) light distribution mainly along the escape route with a long range



Power [W]	Flux [lm]
1	142
2	234
3	347
4	395
5	476

SIDE – (SD) light distribution directed to one side, for wall mounting, spot illuminating



Power [W]	Flux [lm]
1	137
2	229
3	342
4	390
5	470

cd/klm

- C0 – C180
- C90 – C270

ORDERING

OWA SU 0000 - RP - 3W - AT - 3h - NM - TS - CW - 9016 - RND

Variant:

- 0000** – base
- 0001** – 0000 with extended warranty
- 3000** – ECO with Li-Ion battery pack (only for AT NM)
- 3001** – 3000 with extended warranty

Optics:

- AR** – area
- AP** – area plus
- RO** – road
- RP** – road plus
- SD** – side

Light source supply power:

- 1W** – LED module powered by 1W
- 2W** – LED module powered by 2W
- 3W** – LED module powered by 3W
- 4W** – LED module powered by 4W (unavailable for 0000 3h)
- 5W** – LED module powered by 5W (CB, CBAM, LVAM, 3000/3001 1h only)

System variant:

- ST** – standard – manual tests, built-in battery
- AT** – autotest – automatic tests, built-in battery
- CT** – centraltest – automatic tests requested by the control unit, built-in battery
- CTBT** – centraltest with Bluetooth communication module
- CTRF** – centraltest with RF radio communication module
- CTW** – centraltest with RF and Bluetooth radio communication
- CB** – centrally supplied luminaire
- CBAM** – centrally supplied luminaire, with address module
- LVAM** – luminaire powered centrally with 24V DC, with address module

Emergency operation time:

- 1h** – 60 minutes
- 3h** – 180 minutes
- 8h** – 480 minutes (1W only)
- X** – not applicable (CB, CBAM, LVAM)

Operation mode:

- NM** – non-maintained
- SM** – switched maintained
- X** – not applicable (CB, CBAM, LVAM)

Operating temperature range of luminaire:

- TS** – standard
- TE** – extended (unavailable for 0000/0001 ST, AT, CT, CTW and 3000/3001 3-5W 3h)

Correlated Color Temperature:

- CW** – 5200-5700K
- NW** – 3700-4200K
- WW** – 2700-3300K

Housing colour:

- 9016** – RAL 9016
- 7042** – RAL 7042
- 7016** – RAL 7016
- 9005** – RAL 9005

... – other on special order

Light source shape:

- RND** – round