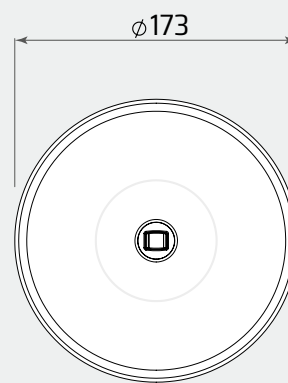
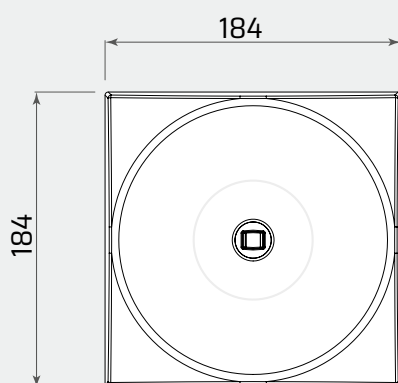


SUNON RND, SUNON SQR

SUNON RND and SUNON SQR are surface-mounted luminaires with medium LED power and high efficiency, designed for emergency lighting. Its main task is to illuminate escape routes, evacuation signs, rooms in public facilities, work places, etc.



LUMINAIRE FEATURES

- Deep discharge battery protection
- Non-maintained, switched maintained or night operation mode
- Night operation and fire mode available for CENTRALTEST system
- Possibility to connect to the central management system, central power supply or group power supply
- Lighting of escape routes, open spaces and fire points
- Small housing made of plastic
- Many variants of luminaire power
- Wiele wariantów mocowania
- Wide range of optics

AVAILABLE SYSTEMS

STANDARD - manual tests

AUTOTEST - internal components, battery and light source tests being performed automatically

CENTRALTEST - internal components, battery and light source tests being performed on command from the main unit of central management system

CTRF - centraltest only with the RF communication module

CTBT - centraltest only with the BT communication module

CTW - centraltest with BT + RF radio communication

CB - luminaire supplied from HVCBS (230V AC / 216V DC / 108V DC), without address module

CBAM - luminaire supplied from the HVCBS (230V AC / 216V DC), with built-in address module

LVAM - luminaire supplied with 24V DC from the LVDBS system, with built-in address module

TECHNICAL DATA

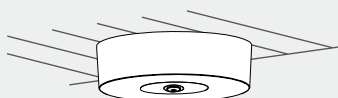
Supply voltage	ST, AT, CT	230V AC 50/60Hz
	CB, CBAM	230V AC 50/60Hz 170-275V DC
	LVAM	10-32V DC
Protection class	ST, AT, CT, CB, CBAM	II
	LVAM	III
Ingress protection		IP54
Light source		LED module ¹⁾
Light colour temperature		5700K
Colour rendering index		70
Light source supply power		1W, 2W, 3W, 5W
Light source lifespan		> 50 000h

Battery type, voltage		Li-Ion, 7.4V
Battery capacity		0.7, 2.2, 4.4Ah
Battery recharging time		< 12h
Emergency operation time		1h, 3h, 8h
Ambient temperature	ST, AT, CT	+5 - +35°C; TE: ²⁾ -25 - +35°C
	CB, CBAM	-10 - +40°C;
Ambient temperature	LVAM	-25 - +45°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⁾ Non-exchangeable, but serviceable light source; ²⁾ TE - extended temperature range

MOUNTING TYPE

Directly to the ceiling



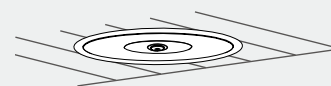
MATERIAL

Housing material - PC/ABS mix

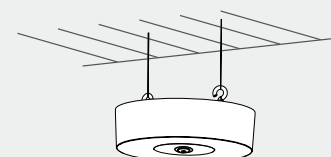
Housing colour - ○ RAL 9016, ● RAL 7042, ● RAL 7016, ● RAL 9005

MOUNTING KIT

C128 - flush-mounted



C202 + C200/C201
- suspended



AVAILABLE OPTICS

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

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

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

ROAD PLUS - (RP) light distribution mainly along the escape route with a much greater range than for the ROAD optics, for small heights

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

MINIMUM LUMINOUS FLUX

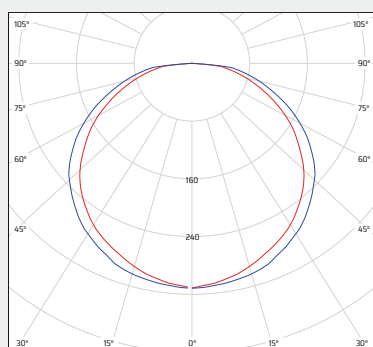
Optics	Power [W]	Flux [lm]
AREA	1	161
AREA	2	291
AREA	3	371
AREA	5	579
AREA PLUS	1	161
AREA PLUS	2	291
AREA PLUS	3	389
AREA PLUS	5	607

Optics	Power [W]	Flux [lm]
ROAD	1	190
ROAD	2	368
ROAD	3	404
ROAD	5	638
ROAD PLUS	1	200
ROAD PLUS	2	376
ROAD PLUS	3	427
ROAD PLUS	5	587

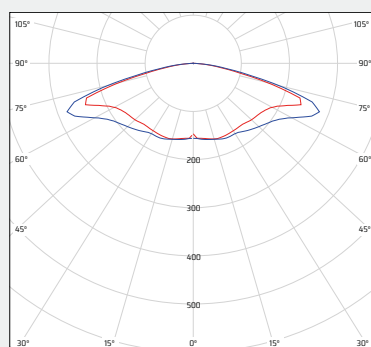
Optics	Power [W]	Flux [lm]
SIDE	1	195
SIDE	2	372
SIDE	3	424
SIDE	5	581

LIGHT DISTRIBUTION CURVES

AREA

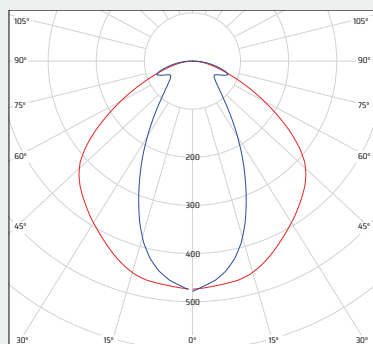


AREA PLUS

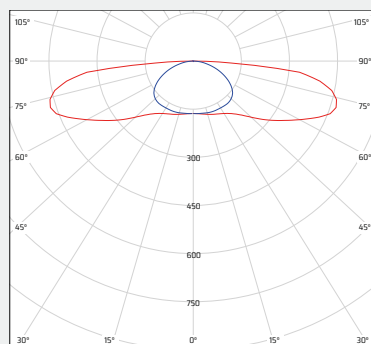


cd/klm
 — CO - C180
 — C90 - C270

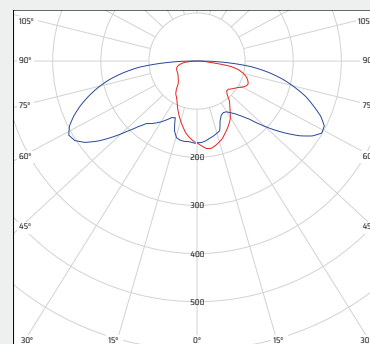
ROAD



ROAD PLUS



SIDE



ORDERING

	SUNON RND/SUNON SQR	0000	-	RP	-	3W	-	AT	-	3h	-	NM	-	TS	-	CW	-	IP54	-	9016	
Variant:																					
		0000																			
		0001																			
Optics:																					
		AR																			
		AP																			
		RO																			
		RP																			
		SD																			
Light source supply power:																					
		1W																			
		2W																			
		3W																			
		5W																			
System:																					
		ST																			
		AT																			
		CT																			
		CTRF																			
		CTBT																			
		CTW																			
		CB																			
		CBAM																			
		LVAM																			
Emergency operation time:																					
		1h																			
		3h																			
		8h																			
		X																			
Operation mode:																					
		NM																			
		SM																			
		X																			
Ambient temperature:																					
		TS																			
		TE																			
Light color:																					
		CW																			
Ingress protection																					
		IP54																			
Housing colour:																					
		9016																			
		7042																			
		7016																			
		9005																			
		...																			