

# LOVATO N 3

**awex**  
EMERGENCY LIGHTING



**AC**  
220-240V  
50-60Hz

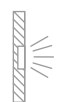
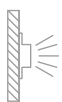
**DC**  
176-275V

**DC**  
24V

**DC**  
48V

**LED**  
IP20

**IK06**



## MATERIALS

White, grey or black polycarbonate body

## MOUNTING

Surface  
Optionally recessed <sup>(1)</sup>

## POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz  
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC  
Central battery FZLV II – 48VDC  
Central battery FZLV – 24VDC

## LIGHT SOURCE

1W, 2W, LED  
**Optics:** A – asymmetric • O – open area • U – universal • R – escape route  
• R1 – escape route • R2 – escape route  
**Colour temperature:** 6000K  
**Lifetime:** 50000h

## CHARGING

**Premium:** max. 12h; energy-saving electronic charger

## AUTONOMY AND BATTERIES

**Premium:** 1h or 3h, LiFePO<sub>4</sub> 3,2V batteries

## INSULATION CLASS

II or III

## IP & IK RATING

IP20, IK06

## AMBIENT TEMPERATURE

**Self-contained:** t<sub>a</sub>: 0°C ÷ 40°C **Central battery:** t<sub>a</sub>: 0°C ÷ 50°C

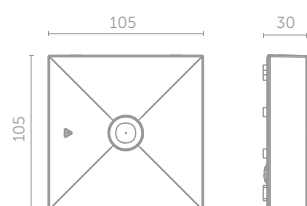
## OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button • RU – Rubic UNA central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

## ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection  
• III class of insulation of FZLV and FZLV II version • <sup>(1)</sup> see accessory for recessed mounting

## DIMENSIONS [mm]



**SELF-CONTAINED CONFIGURATION**

PREMIUM	CODE	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR		
					1	3	SE	SA	PT	AT	RU	X	WH	GR	BL
PREMIUM	LV3N	A O U R R1 R2	1W	B	1	3	SE	SA	PT	AT	RU	X	WH	GR	BL
			2W	B	1	3	SE	SA	PT	AT	RU	X	WH	GR	BL

**OUTPUT IN EMERGENCY MODE [lm]**

OPTICS											
A		O		U		R		R1		R2	
1h	3h	1h	3h	1h	3h	1h	3h	1h	3h	1h	3h
250	200	250	200	250	200	250	200	250	200	250	200
380	310	380	310	380	310	380	310	380	310	380	310

**CENTRAL BATTERY CONFIGURATION - ADDRESSABLE**

CODE	OPTICS	POWER	MODULE	SYSTEM	OPTIONS		COLOR		
LV3N	A O U R R1 R2	1W	Z	CB	ADE	ADP	WH	GR	BL
		2W	Z	CB	ADE	ADP	WH	GR	BL

**OUTPUT IN EMERGENCY MODE [lm]**

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

**FZLV SYSTEM CONFIGURATION**

CODE	OPTICS	POWER	SYSTEM		COLOR		
LV3N	A O U R R1 R2	1W	FZLV	FZLV2	WH	GR	BL
		2W	FZLV	FZLV2	WH	GR	BL

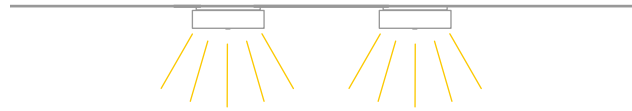
**OUTPUT IN EMERGENCY MODE [lm]**

OPTICS					
A	O	U	R	R1	R2
250	250	250	250	250	250
380	380	380	380	380	380

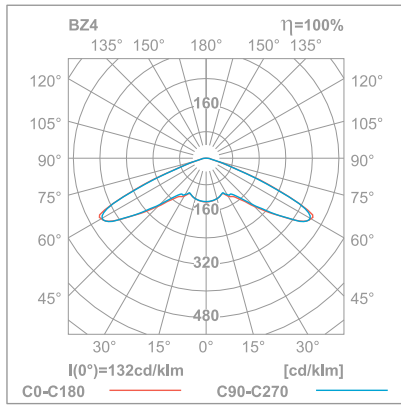
**LEGEND:**

LV3N	fixture LOVATO N 3	AT	autotest
A	asymmetric optics	RU	Rubic UNA central monitoring
O	optics for open area	FZLV	central battery FZLV 24 VDC
U	universal optics	FZLV2	central battery FZLV II 48 VDC
R	optics for escape route	CB	central battery version
R1	optics for escape route	ADP	address module for CBS 1.0 – SMART technology
R2	optics for escape route	ADE	address module for CBS 2.0 – SMART technology
B	electronic gear for PREMIUM self-contained fittings	WH	white color
Z	electronic gear for addressable central battery fittings	GR	grey color
SE	non maintained	BL	black color
SA	maintained		
PT	manual test button		
X	fitting without additional options		

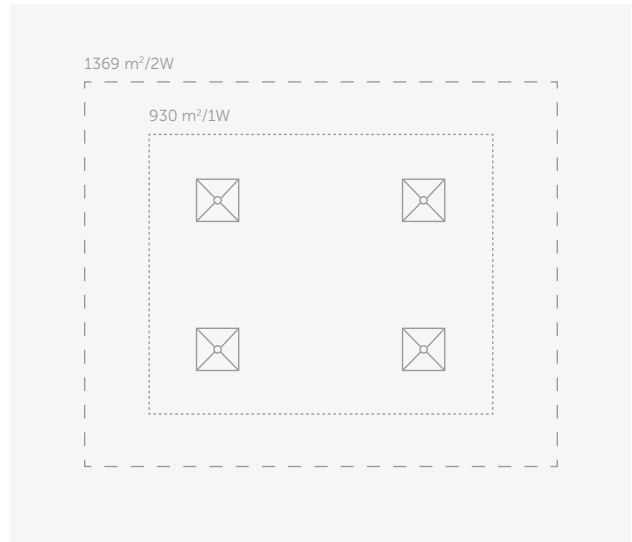
**LOVATO N 3 EXAMPLE OF PHOTOMETRY**



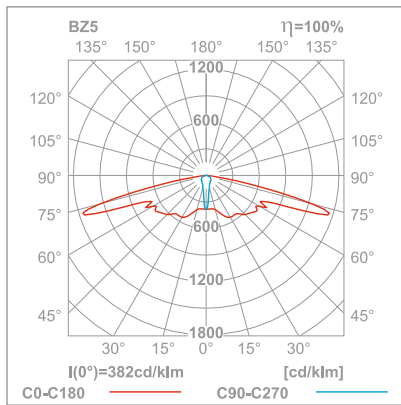
Optic O for open area



simulation for four luminaires and min 0,5 lx (area)



Optic R1 for escape route



simulation for two luminaires and min 1 lx (distance)

