

LOVATO P 3

awex
EMERGENCY LIGHTING



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

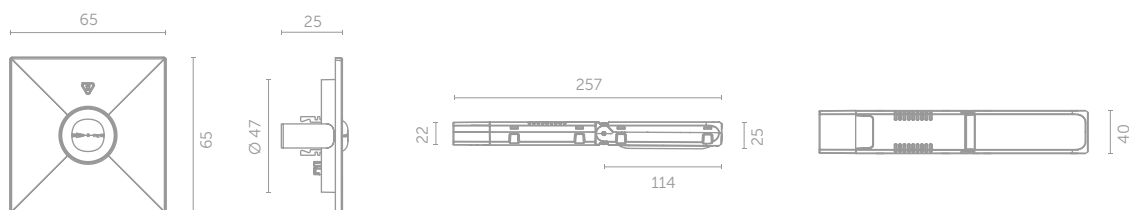
IP20

IK07



MATERIALS	White, grey or black polycarbonate body
MOUNTING	Recessed
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 ₄ 3,2V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK07
AMBIENT TEMPERATURE	Self-contained: t _a : 0°C ÷ 40°C Central battery: t _a : 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

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

PREMIUM	CODE	OPTICS	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS				COLOR			PREMIUM
					1	3	SE	SA	PT	AT	RU	X	WH	GR	BL	
	LV3P	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
LV3P	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
LV3P	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

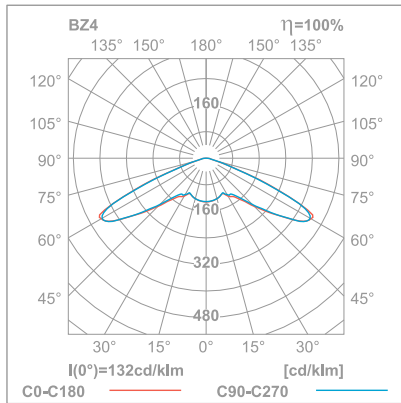
LEGEND:

LV3P	fixture LOVATO P 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		

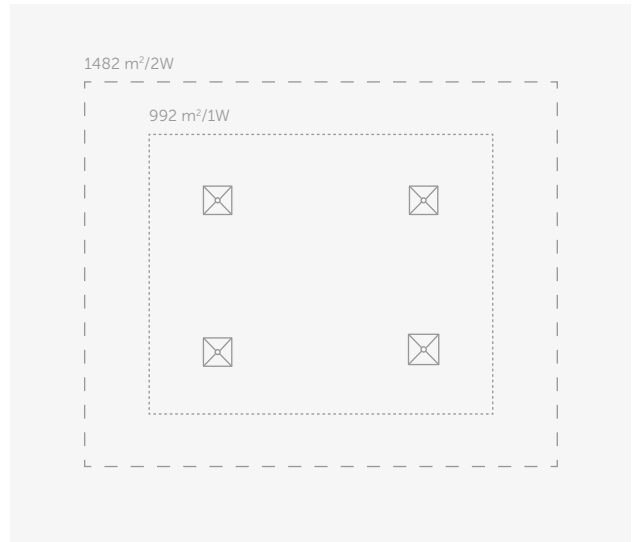
LOVATO P 3 EXAMPLE OF PHOTOMETRY



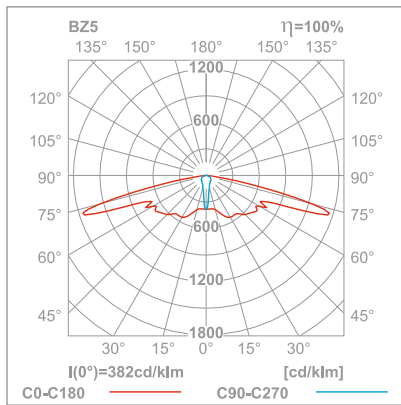
Optic O for open area



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



Optic R1 for escape route



simulation for two luminaires and min 1 lx (distance)

