

EYE LED Square



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED
IP20

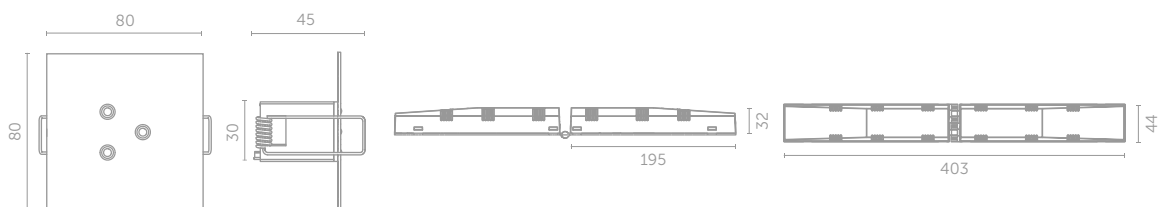
IK08



KM 618355
BS-EN 60598-2-22



MATERIALS	Body made of stainless steel or steel painted white
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, 3W, 3x1W LED Optics: O – open area • U – universal • R – escape route • C - corridor Colour temperature: 6000K Lifetime: 50000h
CHARGING	Standard: max. 24h Premium: max. 12h; energy-saving electronic charger
AUTONOMY AND BATTERIES	Standard: 1h or 3h, Ni-Cd 3,6V batteries Premium: 1h or 3h, LiFePO ₄ 6,4V batteries
INSULATION CLASS	II or III
IP & IK RATING	IP20, IK08
AMBIENT TEMPERATURE	Self-contained: t ₃ : 0°C ÷ 40°C Central battery: t ₃ : 0°C ÷ 50°C
OPTIONS	SE – non maintained • SA – maintained • AT – autotest • RU – Rubic UNA central monitoring • RD – DALI 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 • Electronic gear and battery package installed in a separate box
DIMENSIONS [mm]	



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS		COLOR		
STANDARD	EYKR	1W	E C	1	3	SE	SA	AT	X	ST	WH	
	EYKU	2W	E C	1	3	SE	SA	AT	X	ST	WH	
	EYKO	3W	E C	1	3	SE	SA	AT	X	ST	WH	
	EYKC	3x1W	E C	1	3	SE	SA	AT	X	ST	WH	
PREMIUM	EYKR	1W	B	1	3	SE	SA	AT	RU	RD	ST	WH
	EYKU	2W	B	1	3	SE	SA	AT	RU	RD	ST	WH
	EYKO	3W	B	1	3	SE	SA	AT	RU	RD	ST	WH
	EYKC	3x1W	B	1	3	SE	SA	AT	RU	RD	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

	OUTPUT [lm]					
	POWER	EYKR	EYKU	EYKO	EYKC	EYK
STANDARD	1W	165	180	170	175	–
	2W	290	290	290	290	–
	3W	380	410	380	385	–
	3x1W	–	–	–	–	390
PREMIUM	1W	185	190	180	185	–
	2W	340	350	340	340	–
	3W	460	460	460	460	–
	3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
EYKR EYKU EYKO EYKC	1W	F	CB	CBS	X	ST	WH
	2W	F	CB	CBS	X	ST	WH
	3W	F	CB	CBS	X	ST	WH
EYK	3x1W	F	CB	CBS	X	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]				
	EYKR	EYKU	EYKO	EYKC	EYK
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COLOR	
EYKR EYKU EYKO EYKC	1W	Z	CB	ADE	ADP	ST	WH
	2W	Z	CB	ADE	ADP	ST	WH
	3W	Z	CB	ADE	ADP	ST	WH
EYK	3x1W	Z	CB	ADE	ADP	ST	WH

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]				
	EYKR	EYKU	EYKO	EYKC	EYK
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM		COLOR	
EYKR EYKU EYKO EYKC	1W	FZLV	FZLV2	ST	WH
	2W	FZLV	FZLV2	ST	WH
	3W	FZLV	FZLV2	ST	WH
EYK	3x1W	FZLV	FZLV2	ST	WH

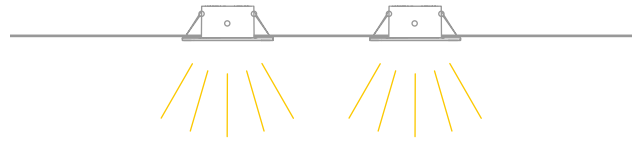
OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]				
	EYKR	EYKU	EYKO	EYKC	EYK
1W	185	190	180	185	–
2W	340	350	340	340	–
3W	460	460	460	460	–
3x1W	–	–	–	–	460

LEGEND:

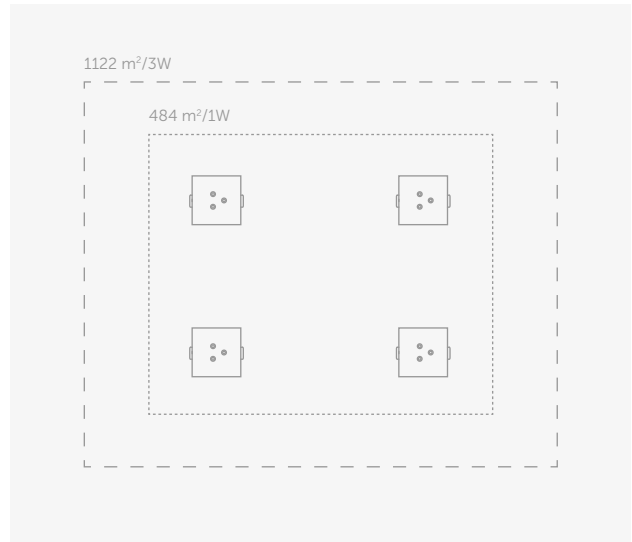
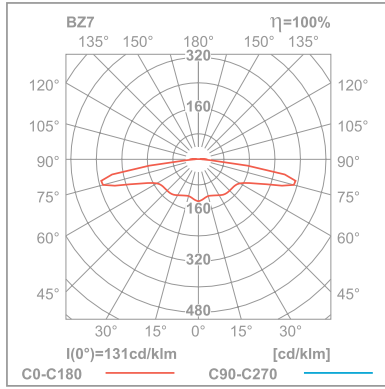
EYKR	fixture EYE LED square with optics for escape route	B	electronic gear for PREMIUM self-contained fittings	RD	DALI central monitoring
EYKU	fixture EYE LED square with universal optics	F	electronic gear for central battery fittings	FZLV	central battery FZLV 24 VDC
EYKO	fixture EYE LED square with optics for open area	Z	electronic gear for addressable central battery fittings	FZLV2	central battery FZLV II 48 VDC
EYKC	fixture EYE LED square with optics for corridor	SE	non maintained	CB	central battery version
EYK	fixture EYE LED square without optics	SA	maintained	CBS	central battery for circuit monitoring
E, C	electronic gear for STANDARD self-contained fittings	X	fitting without additional options	ADP	address module for CBS 1.0 – SMART technology
		AT	autotest	ADE	address module for CBS 2.0 – SMART technology
		RU	Rubic UNA central monitoring	ST	stainless steel
				WH	white color

EYE LED SQUARE EXAMPLE OF PHOTOMETRY



Optic O for open area

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



Optic C for corridor

simulation for two luminaires and min 1 lx (distance)

