

EMERGENCY LIGHTING LUMINAIRES – LED SOMON XLED2



- Indoor and outdoor use
- Polycarbonate case and glass
- Moisture-proof
- SMD LED application
- High energy saving
- Long life-time (50.000 hours)
- Emergency lighting function by interruption of the unswitched phase
- Emergency lighting function in case of low-voltage
- 3 hours duration in case of emergency
- Charge status display with green LED
- Test switch
- High-temperature Ni-Cd battery cells
- Overcharge and deep discharge protection
- Ceiling mounted, ceiling recessed or wall mounted
- Optional - 110 VAC compatibility



In accordance with EN 60598-1, EN 60598-2-22 standards.

TECHNICAL DATA

SUPPLY VOLTAGE :	230 VAC 50/60 Hz	LIGHT SOURCE :	SMD LED
AMBIENT TEMPERATURE (ta) :	-5°C ... +40°C	DIFFUSER :	Polycarbonate Glass
RATED DURATION :	3 h	PROTECTION CLASS :	IP 65
BATTERY CHARGING TIME :	24 h	INSULATION CLASS :	II
BATTERY TYPE* :	3,6 V Ni-Cd / 7,2 Ni-Mh		

* Battery voltage is 7.2V in 6W and 8W solutions. In other models it is 3.6V.

PRODUCT LIST

PRODUCT CODE	RATED DURATION	OPERATING MODE*	LIGHT SOURCE	LIGHT INTENSITY on ENERGY/EMERGENCY**	ROUTING MODE	BATTERY CHARGING TIME
BYPL06-S-XLED2/1W	3 h	Maintained	20 x SMD LED	115 lm / 105->74 lm	Recessed / Surface Mounted	24 h
BYPL06-A-XLED2/1W	3 h	Non-Maintained	20 x SMD LED	115->90 lm	Recessed / Surface Mounted	24 h
BYPL06-A-XLED2/2W	3 h	Non-Maintained	20 x SMD LED	250->195 lm	Recessed / Surface Mounted	24 h
BYPL06-A-XLED2/3W	3 h	Non-Maintained	20 x SMD LED	375->293 lm	Recessed / Surface Mounted	24 h
BYPL06-A-XLED2/4W	3 h	Non-Maintained	20 x SMD LED	500->390 lm	Recessed / Surface Mounted	24 h
BYPL06-A-XLED2/6W	3 h	Non-Maintained	20 x SMD LED	750->585 lm	Recessed / Surface Mounted	24 h
BYPL06-A-XLED2/8W	3 h	Non-Maintained	20 x SMD LED	1000->780 lm	Recessed / Surface Mounted	24 h

* Maintained: Lights on mains and stays alight in case of the mains failure.
Non-Maintained: Lights only in case of the mains failure.

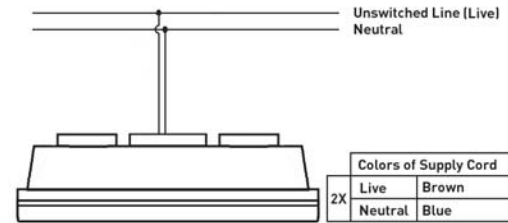
** In lumen values, the larger value indicates the measurement in 60 seconds, the smaller value indicates the value at the end of 3 h.

MAINS DATA

PRODUCT CODE	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
BYPL06-S-XLED2/1W	4.51	0,033	0,58	108 x 341 x 60	0,630	1
BYPL06-A-XLED2/1W	1.21	0,017	0,31	108 x 341 x 60	0,630	1
BYPL06-A-XLED2/2W	1.73	0,019	0,39	108 x 341 x 60	0,690	1
BYPL06-A-XLED2/3W	2.38	0,024	0,43	108 x 341 x 60	0,780	1
BYPL06-A-XLED2/4W	3.24	0,028	0,49	108 x 341 x 60	0,805	1
BYPL06-A-XLED2/6W	3.06	0,026	0,54	108 x 341 x 60	1,005	1
BYPL06-A-XLED2/8W	3.45	0,029	0,55	108 x 341 x 60	1,055	1

* Measured under 230 V mains.

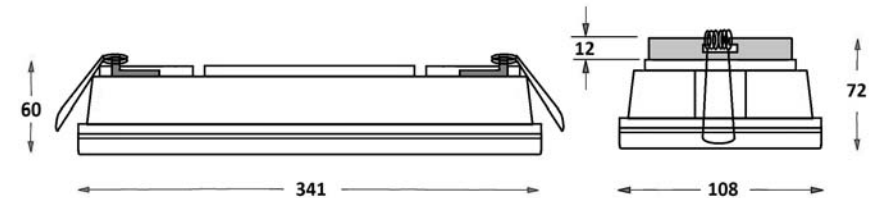
WIRING DIAGRAM



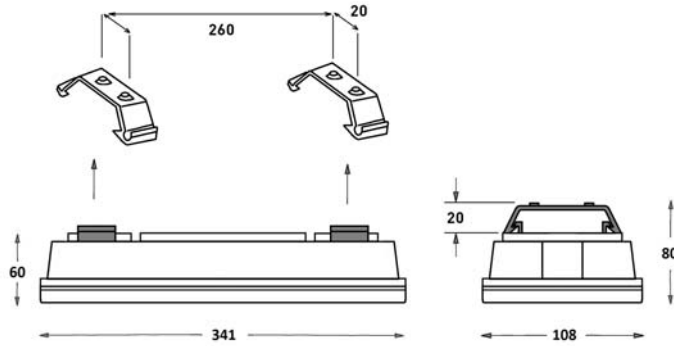
RECESSED MOUNTING HOLE SIZE



TECHNICAL DRAWING / RECESSED



TECHNICAL DRAWING / SURFACE MOUNTED



PHOTOMETRY DATA (1W)

Open Area (Anti-Panic) Lighting (for min. 0,5 lux)			Escape Route Lighting (for min. 1 lux)		
Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)	Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)
2,00	2,00	3,00	2,00	2,00	3,50
2,50	2,25	4,00	2,50	2,25	4,25
3,00	2,75	4,75	3,00	2,50	4,50
3,50	2,75	5,50	3,50	2,50	5,00
4,00	2,75	6,00	4,00	2,25	5,25

Open Area (Anti-Panic) Lighting (for min. 0,5 lux)			Escape Route Lighting (for min. 1 lux)		
Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)	Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)
2,00	3,00	5,50	2,00	3,00	5,75
2,50	3,50	6,75	2,50	3,50	7,00
3,00	4,00	7,75	3,00	4,00	7,75
3,50	4,25	8,50	3,50	4,25	8,50
4,00	4,50	9,25	4,00	4,25	9,25

LIGHT DISTRIBUTION CURVE

