

PRIMA LED NM



... emergency.

USE

Non-maintained emergency luminaire for escape routes, available for use in high ambient temperature, $t_a = 50^\circ\text{C}$, is intended by its function and shape primarily for being in a set with Prima LED and Innova light fittings.

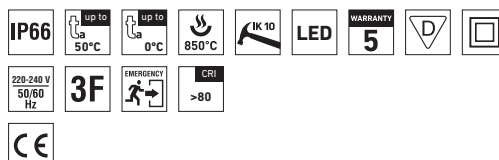
It is recommended for escape routes of interior industrial rooms, storage halls, sports premises, agricultural buildings and laboratories without hazard of explosion of gases, dusts and flammable vapours.

It is resistant to dust, moisture and spouting water. The body and the diffuser made of polycarbonate (PC) have increased resistance against deformation and impact.

Atmosphere emissions must be considered, as they may reduce the usability of plastics at installation in aggressive environment, see p. 367.

ADVANTAGES

- Light fitting protection **IP66**
- High thermal resistance ranging **from $t_a = 0^\circ\text{C}$ to $t_a = 50^\circ\text{C}$** also for basic Ni-Cd battery type
- LED module lifetime: 50 000 hours / L80B20
- Luminous flux of the light fitting: **440 lm**
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: grey polycarbonate (PC) = high mechanical resistance
- Emergency module **1h or 3h**
- Optional selection of EM kit with battery autotest
- Integrated diode for indication of correct operation
- Optional selection of battery type between **Ni-Cd** or **LiFePO₄**
- Low energy consumption in StandBy mode
- Optional selection of connection between **cable gland** or **connector**
- Insulation class II



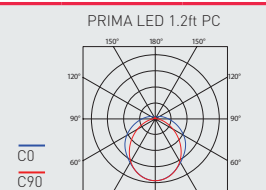
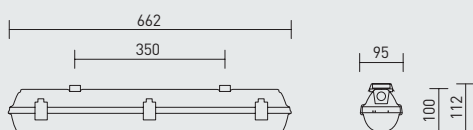
PRIMA LED PC, PCc



TECHNICAL DESCRIPTION

- Light fitting protection: **IP66**
- Maximum ambient temperature: **t_a = 50 °C**
- LED module lifetime: 50 000 hours / L80B20
- Luminous flux of the light fitting: **440 lm**
- Maximum light fitting efficiency: 133 lm/W
- **CRI > 80: 6500 K**
- MacAdam = 3 SDCM
- Diffuser: translucent PC (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical resistance, UV stability)
- Reflector: white steel sheet (RAL 9003)
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foam-filled body

- groove
- Light fitting connection: **cable gland PG 13,5 / 16** or **connector**
- Distance holder: polyamide + 10 % glass fibre
- Electric equipment:
EM kit including Ni-Cd battery without autotest, LED module
EM kit including LiFePO₄ battery with autotest, LED module
- The package includes: stainless hooks and stainless brackets
- 1-year warranty for battery, 2-year warranty for EM kit (unit + LED module)
- The above stated values of power consumption and luminous flux are within a tolerance of $\pm 7,5\%$



Type	Autonomy [hrs]	Luminous flux of light fitting [lm]	Power in emergency mode [W]	Light fitting efficiency [lm/W]	Battery type	Power in standby mode [W]	Charging time [hrs]	Power in charging mode [W]	Net weight [kg]
Non-maintained emergency luminaire without autotest									
PRIMA LED 1.2ft PC NM1h	1	440	4,5	98	Ni-Cd	1,5	24	9	1,2
PRIMA LED 1.2ft PC NM3h	3	440	4,5	98	Ni-Cd	1,5	24	9	1,4
Non-maintained emergency luminaire with autotest									
PRIMA LED 1.2ft PC NM1hAt	1	440	3,3	133	LiFePO ₄	0,7	12	3,5	1,2
PRIMA LED 1.2ft PC NM3hAt	3	440	3,3	133	LiFePO ₄	0,7	12	3,5	1,4

PRIMA LED PC with cable glands

Type	NM1h	3F NM1h	DALI 3F NM1h	NM3h	3F NM3h	DALI 3F NM3h
PRIMA LED 1.2ft PC ...	62210	62211	x	62213	62214	x
Non-maintained emergency luminaire with autotest - cable glands PG 13,5 / 16 - plastic clips						
Type	NM1hAt	3F NM1hAt	DALI 3F NM1hAt	NM3hAt	3F NM3hAt	DALI 3F NM3hAt
PRIMA LED 1.2ft PC ...	62220	62221	x	62223	62224	x

PRIMA LED PCc with cable glands

Type	NM1h	3F NM1h	DALI 3F NM1h	NM3h	3F NM3h	DALI 3F NM3h
PRIMA LED 1.2ft PCc ...	62230	62231	x	62233	62234	x
Non-maintained emergency luminaire with autotest - cable glands PG 13,5 / 16 - stainless clips (c)						
Type	NM1hAt	3F NM1hAt	DALI 3F NM1hAt	NM3hAt	3F NM3hAt	DALI 3F NM3hAt
PRIMA LED 1.2ft PCc ...	62240	62241	x	62243	62244	x

PRIMA LED PC with connectors

Type	L1 2x5P NM1h	L3 2x5P NM1h	L1 2x7P NM1h	L1 2x5P NM3h	L3 2x5P NM3h	L1 2x7P NM3h
PRIMA LED 1.2ft PC ...	62250	62251	62252	62253	62254	62255
Non-maintained emergency luminaire with autotest - interconnecting connectors - plastic clips						
Type	L1 2x5P NM1hAt	L3 2x5P NM1hAt	L1 2x7P NM1hAt	L1 2x5P NM3hAt	L3 2x5P NM3hAt	L1 2x7P NM3hAt
PRIMA LED 1.2ft PC ...	62260	62261	62262	62263	62264	62265

PRIMA LED PCc with connectors

Type	L1 2x5P NM1h	L3 2x5P NM1h	L1 2x7P NM1h	L1 2x5P NM3h	L3 2x5P NM3h	L1 2x7P NM3h
PRIMA LED 1.2ft PCc ...	62270	62271	62272	62273	62274	62275
Non-maintained emergency luminaire with autotest - interconnecting connectors - stainless clips (c)						
Type	L1 2x5P NM1hAt	L3 2x5P NM1hAt	L1 2x7P NM1hAt	L1 2x5P NM3hAt	L3 2x5P NM3hAt	L1 2x7P NM3hAt
PRIMA LED 1.2ft PCc ...	62280	62281	62282	62283	62284	62285

LEGEND

- NM1h – non-maintained emergency luminaire, operation time 1 hour
 - 3F NM1h – non-maintained emergency luminaire, operation time 1 hour, 5-wire throughwiring (3F)
 - DALI 3F NM1h – non-maintained emergency luminaire, operation time 1 hour, 7-wire throughwiring (DALI 3F)
 - NM3h – non-maintained emergency luminaire, operation time 3 hours
 - 3F NM3h – non-maintained emergency luminaire, operation time 3 hours, 5-wire throughwiring (3F)
 - DALI 3F NM3h – non-maintained emergency luminaire, operation time 3 hours, 7-wire throughwiring (DALI 3F)
 - L1 2x5P NM1h – non-maintained emergency luminaire, 2x5P connectors and 5-wire throughwiring (3F), operation time 1 hour, line connection, power supply from L1
 - L3 2x5P NM1h – non-maintained emergency luminaire, 2x5P connectors and 5-wire throughwiring (3F), operation time 1 hour, line connection, power supply from L3
 - L1 2x7P NM1h – non-maintained emergency luminaire, 2x7P connectors and 7-wire throughwiring (DALI 3F), operation time 1 hour, line connection, power supply from L1
 - L1 2x5P NM3h – non-maintained emergency luminaire, 2x5P connectors and 5-wire throughwiring (3F), operation time 3 hours, line connection, power supply from L1
 - L3 2x5P NM3h – non-maintained emergency luminaire, 2x5P connectors and 5-wire throughwiring (3F), operation time 3 hours, line connection, power supply from L3
 - L1 2x7P NM3h – non-maintained emergency luminaire, 2x7P connectors and 7-wire throughwiring (DALI 3F), operation time 3 hours, line connection, power supply from L1
- ...At – version with battery autotest

Module signalling without autotest

LED colour	Information
● green	
flashing	battery charging
-	running test/emergency mode

Module signalling with autotest (At)

LED colour	Information
● green ● red	
flashing -	battery charging
- flashing	defective LED module
- shining	defective battery
- -	running test/emergency mode

LIGHT FITTING ATTACHMENT

- a) Directly to a ceiling or a wall with the use of screws and stainless brackets
- b) Suspension with the use of stainless hooks



LIGHT FITTING DETAILED VIEW

PRIMA LED PC

