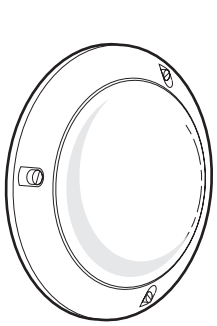
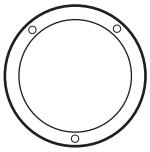
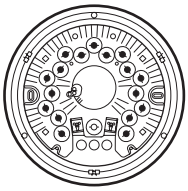
LED bulkhead lights

Catalogue number(s): 0 624 10/20







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1. RANGE

Type	Cat. Nos	Dimensions	No. of LEDs	Function	Colour temp. (K)	Consumption (W)	Luminous flux provided (lm)	Luminous efficiency (lm/W)	Efficiency (%)	Class
Polycarbonate/ Polycarbonate Skirt	0 624 10 0 624 20	Ø 296 mm T1	12	ON/OFF	4000	16	620	52	75	⧈
				Detection+early warning+standby		18		46		

2. TECHNICAL FEATURES

- Resistance to the entry of solid bodies and liquids: IP54 in accordance with standard NF EN 60 598-2-1
- Impact resistance: IK04, 0.5 joules in accordance with standard NF EN 60 598
- Supply voltage 230/240 V, 50/60 Hz
- Product conforms to the low voltage directive 72/23 EEC, and the electromagnetic compatibility directive 89/936 EEC
- Class II ⧈
- Fire resistance:
  Glow wire test at 960°C, extinguished within 5 s.
  In accordance with fire safety regulations for public buildings, article EC.4, order 25/06/80, OJ 14/08/80, in accordance with standard NF EN 60695-2-1

■ 2.1 Materials and finishes

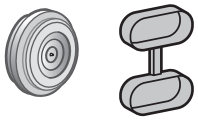
- Polycarbonate base
- Skirt: polycarbonate, white RAL 9010
- External screws: stainless steel, cross-head
- Screws on brass insert
- Diffuser: polycarbonate
- Weatherproof seal: silicone, captive
- Diffuser attached by clipping onto the base

■ 2.2 Wiring

Automatic terminal block with clip-in contacts for flexible or rigid conductors taking 2 x 0.5 mm^2 to 2.5 mm^2

■ 2.3 Associated service

Product supplied with:
- Mounting instructions
- Plexo cable gland



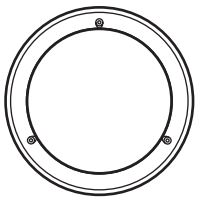
3. APPLICATIONS AND CONDITIONS OF USE

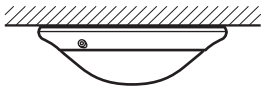
■ 3.1 Area of application

Indoor and outdoor lighting

■ 3.2 Installation type

On ceiling.
Flat on a wall.



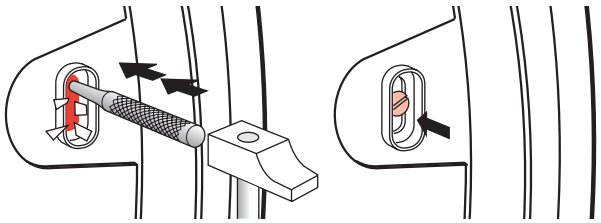


■ 3.3 Conformity with temperature classes

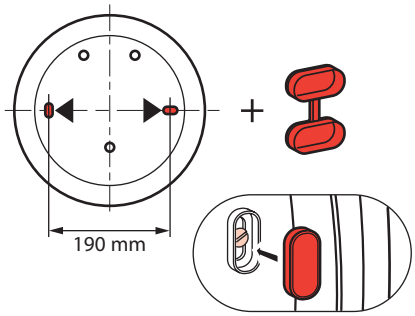
The luminaires are designed to operate at a nominal ambient temperature of 25°C (standard NF EN 60598-1).
Maximum operating temperature: -20°C to +35°C

4. FIXING

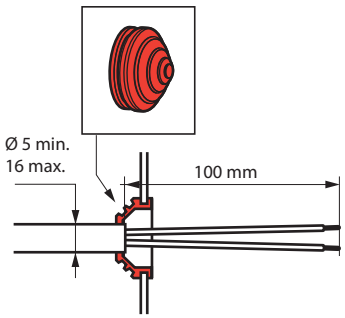
Fixing hole with level adjustment



- Cable storage
- Brass inserts
- Clip-on diffuser



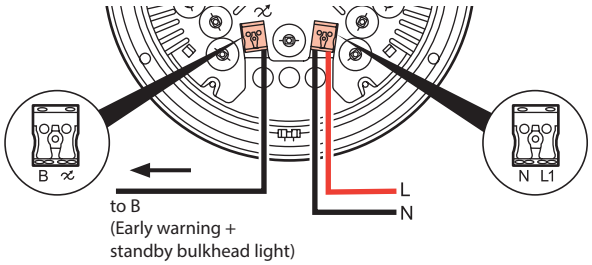
5. CONNECTION



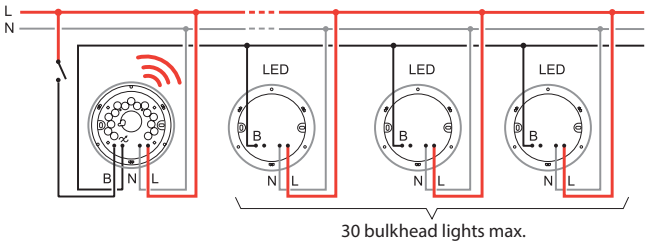
Terminal blocks	Size	Function	Consumption (W)	
			On	Off
B N L1	T1	Detection+early warning+standby	18	1.4
N L1	T1	ON/OFF	16	

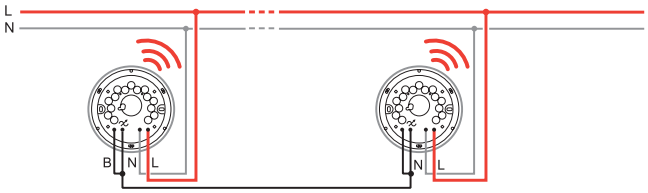
5. CONNECTION (continued)

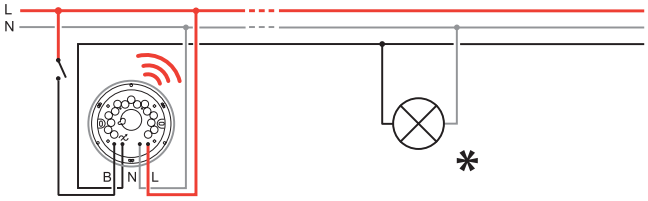
■ 5.1 Bulkhead light with integrated HF detection + early warning + standby 0 624 20



All the products must be connected on the same phase.
Do not mix the loads.







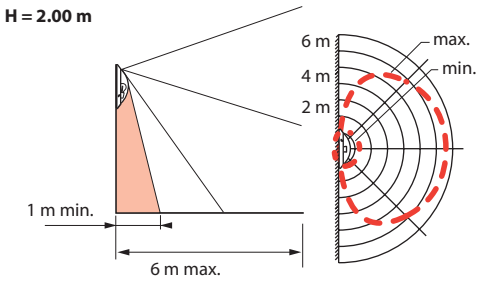
* 35°C -20°C			
110 V~ 230 V~ 50/60 Hz			
230 V~	1000 VA	2000 W	2000 VA
110 V~	500 VA	1000 W	1000 VA

110 V~ 230 V~ 50/60 Hz			M
230 V~	1000 VA	1000 VA	200 VA
110 V~	500 VA	500 VA	100 VA

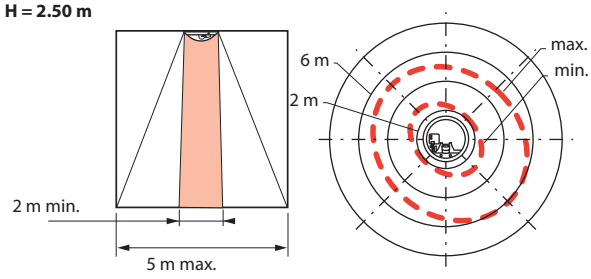
5. CONNECTION (continued)

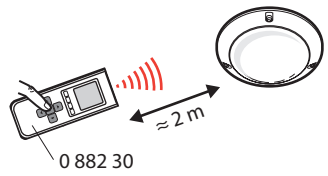
■ 5.1 Bulkhead light with integrated HF detection + early warning + standby 0 624 20 (continued)

H = 2.00 m



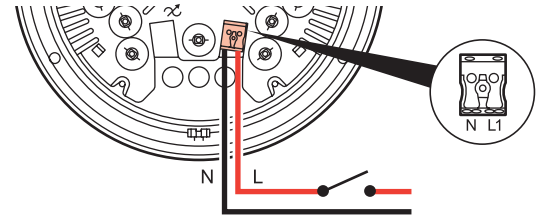
H = 2.50 m

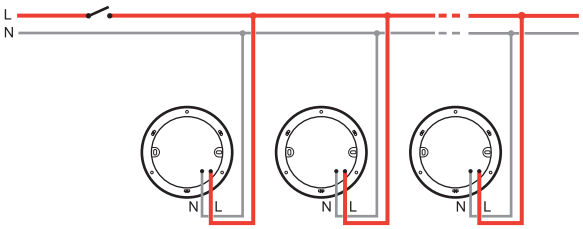




Configuration tool
For setting:
- The operating and standby time delay
- The standby level
- The sensitivity of the detector
- The light level threshold

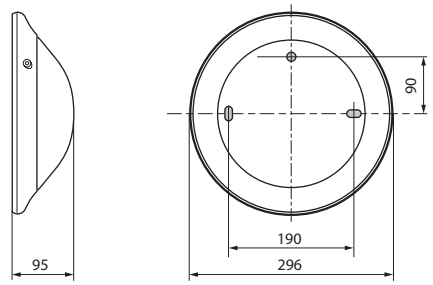
■ 5.2 ON/OFF bulkhead light 0 624 10





6. DIMENSIONS

Standard version
T1 Ø 296 mm:



7. APPROVAL

NF certificate.
Glow wire resistance test report.
Mechanical impact resistance test report.

8. RISKS OF LED LIGHTING

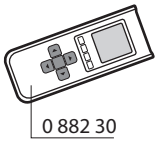
Under normal conditions of use, power LEDs do not present any particular health risk.
However, it is not advisable to look directly at the ring of LEDs without the diffuser being attached to the bulkhead light.
This recommendation applies to all currently available professional or domestic lamps (bulbs).

9. SETTINGS

Factory settings / **Customising settings on-site**

	Value	Min.	Max.	Setting unit (step)
Gradual lighting from 0% luminous flux to service level	3 seconds			
Service level (luminous flux)	100%			
Service level time delay	30 seconds	20 s	59 min : 59 s	1 s
Gradual reduction from service level to standby level	12 seconds			
Standby level (luminous flux)	10%	1%	100%	1-2-3-5-10-15-20-30 50-75-100%
Standby level time delay	30 minutes	0 min : 0 s	Unlimited	No standby-5 s-10 s 20 s-30 s-1 min-5 min 10 min-15 min-20 min 30 min-60 min-unlimited
Gradual reduction from standby level to 0% luminous flux	3 seconds			
Sensitivity (Detection range)	Medium	Low	Very High	Low - Medium High - Very High
Light level threshold	1275 lux	0 lux	1275 lux	1 lux

With infra-red configuration tool



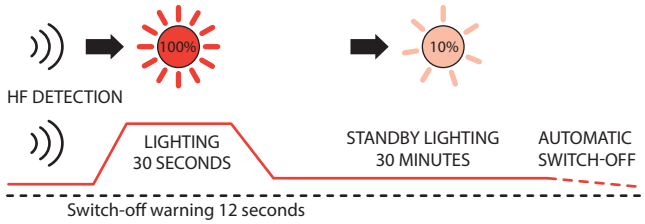
Note:
For information on how to use the configuration tool and the parameter setting sequences

www.legrandoc.com

10. OPERATION OF THE DIFFERENT VERSIONS

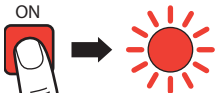
■10.1 Detection + early warning + standby version 0 624 20

Hyper frequency detector integrated in the bulkhead light
100% automatic operation
DETECTION: Gradual automatic lighting to 100% luminous flux (3 sec.)
ON: Luminous flux maintained at 100% for 30 sec.
Switch-off warning: Gradual reduction to 10% flux in 12 sec.
Standby: Luminous flux maintained at 10% for 30 min with automatic switch-off



■10.2 ON/OFF version 0 624 10

Controlled by switch, timer or detector 100% manual operation
ON: Instant switch-on at 100% flux



OFF: Instant switch-off of the bulkhead light