



Lumila | LIGHT & DEVELOPMENT

LUMIROAD®

High power LED
rotative tube

Characteristics

- Robust (IK08) ●
- Waterproof (IP65) ●
- Magnet mounting ●
- Input voltage from 12 to 24VDC ●
- Rotative lighting ●



LUMIROAD®

High power LED rotative tube

APPLICATIONS

MALET
Finishers



SDIS
Night operations



EUROVIA
Compactors



- The LUMIROAD® rotative LED tubes allow a complete adjustment of the lighting on the work area and ensure optimal workplace securing.
- The LUMIROAD® is quick and easy to mount: just use the magnets for a temporary mounting or the special mounting brackets for permanent mounting.
- We use high power LED lighting tubes with narrow optical lenses in order to provide a strong light that can penetrate dust and reach distances of up to 40 meters.

TECHNICAL INFORMATION

CHOOSING YOUR LUMIROAD®:

Conceived for road works, the LUMIROAD® has been designed for a perfect integration in finishers and compactors.



For the **finisher** configuration, use 4 LUMIROAD®150, one on each side of the driver's cabin roof.



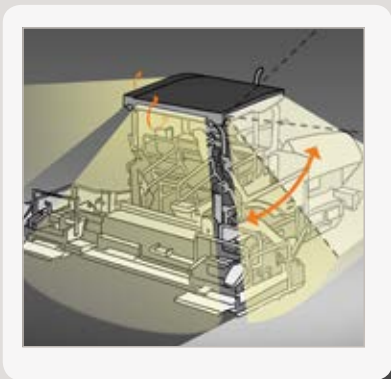
For the **compactor** configuration, use 2 LUMIROAD®150 (one on the front and one on the back end of the vehicle) and 4 LUMIROAD®80 (2 sets of 2 tubes on the sides of each end).

*The LUMIROAD®120 was conceived to complete the LUMIROAD® series by providing as many length options as possible to adjust to your configurations.

• LUMIROAD® is quick and easy to mount: use the **magnets** for a temporary mounting or the special brackets for permanent mounting.

• You can always adjust the lighting angle by **rotating** the tube in order to **focus on your working area**.

• The linear lighting system allows you to **illuminate wide floor areas**.

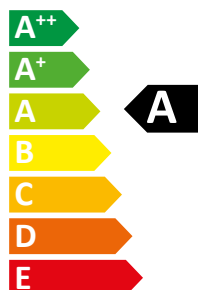


PHOTOMETRIC & ELECTRICAL CHARACTERISTICS

Luminous efficiency (lm/W)	90
Color temperature (°K)	5 000
Color Rendering Index	85
Beam angle (°)	30
Input voltage (VDC)	12 ou 24
Power (W/m)	36

GENERAL FEATURES

ENVIRONMENTAL CHARACTERISTICS



Lifespan (L70)	35 000 hours
Operating temperature	-10°C to 40°C
IP rating	IP65
Energy class	A

MECHANICAL CHARACTERISTICS

LUMIROAD® Model	LUMIROAD® 80	LUMIROAD® 120	LUMIROAD® 150
L1	732.6	1130.6	1467.6
L2	772.6	1170.6	1507.6
L3	784	1182	1519
L4	796.6	1194.6	1531.6
Diameter (mm)	37	37	37
Weight (g)	500	750	925

Cover	polycarbonate
Side cover	PC+ABS
Profile	anodized aluminium
PCB	FR 4

ACCESSORIES



Transportation and storage case



Permanent mounting brackets



1.5 and 3meter cable extensions



Junction box

LUMIPHARE®

High power LED rotative tube

from the LUMIROAD® series

TECHNICAL INFORMATION

PHOTOMETRIC CHARACTERISTICS

Color Rendering Index	80
Color temperature (°K)	5 000
Beam angle (°)	24/80
Minimal luminous flux (lm)	289

ELECTRICAL CHARACTERISTICS

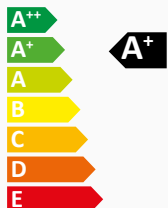
Input voltage (VDC)	10 to 60 (10 to 25V)
Power (W)	4 (max)

GENERAL FEATURES

MECHANICAL CHARACTERISTICS

Cover	polycarbonate
Side cover	PC+ABS
Profile	anodized aluminium
Dimensions (mm)	L1: 121.10 L2: 132.50 L3: 205.90 Diameter: 37

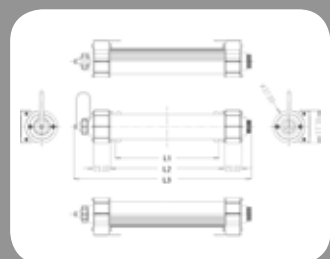
ENVIRONMENTAL CHARACTERISTICS



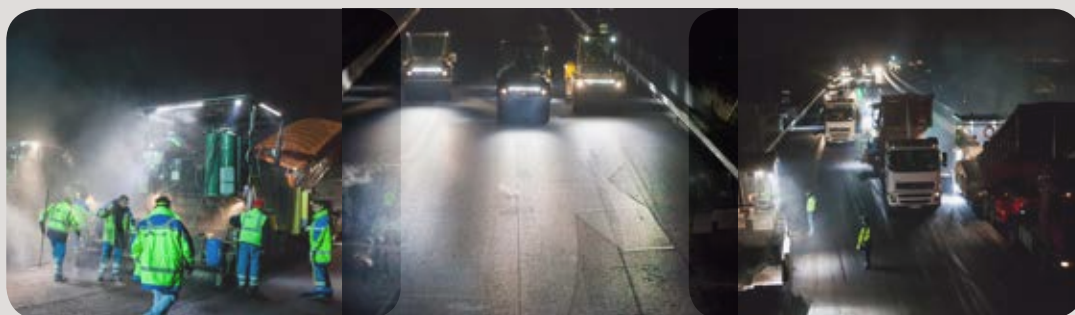
Lifespan (L70)	35 000 hours
Operating temperature	-20°C to 40°C
IP rating	IP65
Energy class	A+

Developed with SNCF, the LUMIPHARE® is a robust solution with an integrated regulator that ensures optimal and uniform illumination for an input voltage varying from 10 to 60V.

The LUMIPHARE® is non-polarized and easy to use, as its magnets allow a quick and easy mouting.



MORE PHOTOS? ADDITIONAL INFORMATION?



Visit our website for all relevant product info (datasheets, use notices, quality documents) and to follow our news!



www.lumila.fr

STANDARDS

In compliance with european norms and directives

CEM Directive 2004/108/CE
DBT Directive 2006/95/CE
RoHS Directive 2011/65/UE

WEEE Directive 2012/19/UE and all relative regulations
ErP Directive 2009/125/CE and all relative regulations
IEC/EN 62471 Risk index 1 (Risk index 0 at 80cm)



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