



Lumila | LIGHT & DEVELOPMENT

PIPELINE®

Rotating magnetic LED tube

The power of LED
adjusted to your needs

- Available in five sizes
- Robust lighting (IK08)
- Waterproof (IP65)
- Direct input voltage of 230VAC



Lumila patent



www.lumila.fr

PIPELINE®

Rotating magnetic LED tube

APPLICATIONS

AIRBUS SOGERMA
Shop floor lighting

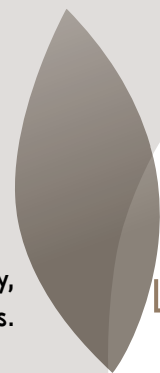
SNCF
Maintenance wagons

ERDF
Substations

SNCF
Maintenance pits



This product can be used indoors and outdoors, under extreme conditions (heat, humidity, dust) in industrial and architectural applications as well as building sites.





TECHNICAL INFORMATION

PHOTOMETRIC CHARACTERISTICS

Minimum luminous flux (lm/m)

Color temperature	3 000°K	4 000°K	5 000°K	Beam angle
CRI	80			
Pipeline® 17 - 230VAC	1 292	1 292	1 382	130°
Pipeline® 20 - 230VAC	1 440	1 550	1 660	130°

*Available in RGB (Red-Green-Blue) color mix or in Bi-color

ELECTRICAL CHARACTERISTICS

Input voltage	230 VAC	12 VDC	Dimmable*
Pipeline® 17	✓	✓	✓
Pipeline® 20	✓	✗	✗

Length (cm)	Power (W)				
	30	60	90	120	150
Pipeline® 17	5	10	15	20	25
Pipeline® 20	6	12	18	24	30

*Dimmable for the 12 VDC version

GENERAL FEATURES

MECHANICAL CHARACTERISTICS*

Pipeline®, IP21

Input voltage	230 VAC					12 VDC				
	30cm	60cm	90cm	120cm	150cm	30cm	60cm	90cm	120cm	150cm
Tube length	30cm	60cm	90cm	120cm	150cm	30cm	60cm	90cm	120cm	150cm
L1	293,6	543,6	858,6	1 161,6	1 378,6	281,6	566,6	851,6	1 161,6	1 421,6
L2	333,6	583,6	898,6	1 201,6	1 418,6	321,6	606,6	891,6	1 201,6	1 461,6
L3	345	595	910	1 213	1 430	333	618	903	1 213	1 473
L4	357,6	607,6	922,6	1 225,6	1 442,6	345,6	630,6	915,6	1 225,6	1 485,6
Diameter (mm)	37					37				
Weight (g)	218	301	405	505	544	268	302	334	367	400

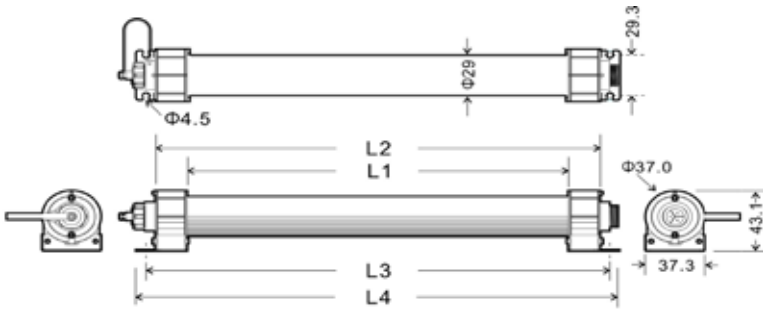
Pipeline®, IP65

Input voltage	230 VAC					12 VDC				
	30cm	60cm	90cm	120cm	150cm	30cm	60cm	90cm	120cm	150cm
Tube length	30cm	60cm	90cm	120cm	150cm	30cm	60cm	90cm	120cm	150cm
L1	293,6	543,6	858,6	1 161,6	1 378,6	281,6	566,6	851,6	1 161,6	1 421,6
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L4	357,6	607,6	922,6	1 225,6	1 442,6	345,6	630,6	915,6	1 225,6	1 485,6
Diameter (mm)	37					37				
Weight (g)	220	305	411	513	554	270	306	340	375	410

*Mechanical characteristics are given for a certain tube type (connectors directly on tube). All High Power tubes are available only in the non direct connector models. For non direct connector models or any other tube type, please refer to the relative annex available on our webpage: www.lumila.fr



Dimensions



Materials

Cover	Polycarbonate
Side cover	PC+ABS
Profile	Anodized aluminium
PCB	FR 4

ENVIRONMENTAL CHARACTERISTICS

Lifespan (L70)	35 000 hours
Storage temperature	-40°C to 60°C
Operating temperature	-20°C to 40°C
IP rating	IP21/IP65

ACCESSORIES



1, 2 and 5 meter cable extensions

Waterproof or non-waterproof connection cables

2 tube hanging support

2 tube wall support

Portable tube support

IP65 230VAC connectors*

IP21 230 VAC connectors*

*Waterproof and Non-waterproof connectors depending on your needs. Contact us for any further information.

Revised document-V5

Revision date	9 march 2015
Last revision date	18 february 2015
Changes	technical data, photos

STANDARDS

In compliance with european norms and directives

Directive 2004/108/CE
 Directive 2006/95/CE
 Directive RoHs 2011/65/UE

Directive WEEE 2012/19/UE and all relative regulations
 EN 62471 photobiological risk index: 0
 Glow wire test: 850°C

