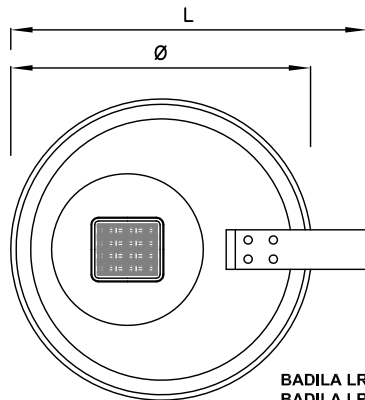
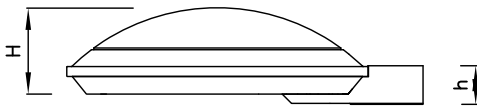
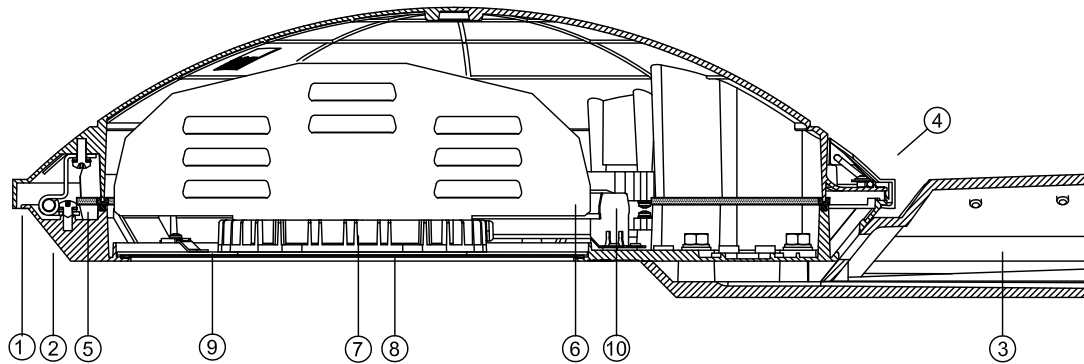
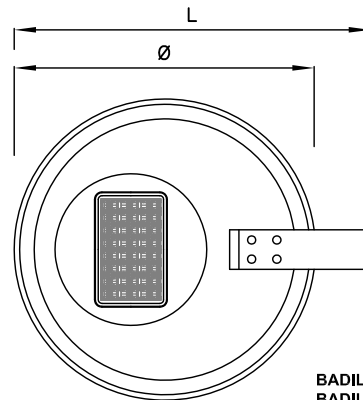


BADILA LRA-7561AX LED

R. ROS ALGUER, S.A.
Soluciones en Alumbrado Público



BADILA LRA-7561AX-12
BADILA LRA-7561AX-18
BADILA LRA-7561AX-24



BADILA LRA-7561AX-36
BADILA LRA-7561AX-48

Construction	Lantern formed by upper (1) and lower (2) housing, made of injected aluminium, with incorporated cast aluminium socket (3) for lateral fixation. Closure system made of extruded aluminium by manually actionable lever (4), hinge (5), and security bar, keeping lantern open during maintenance operations. Support tray for optical group fixing to lantern body (9), and Polyamide 66 + fiberglass frame for power supply fixing (10).
Finishing color	RAL-9007 ; other colors on demand
Fixation	Lateral fixing (Ø60x70mm sleeve)
Power	Selectable in a range between 15 and 50W ; or between 50 and 100W (depending on model), through driver programming.
IP	IP-66 general. IP-66, optical group.
IK	IK-09.
Electrical protection	Class I
Light flow	Between 1.672 - 2.851 lm (for 12 LEDs module) depending on optics and selected power. Between 1.858 - 4.277 lm (for 18 LEDs module) depending on optics and selected power. Between 2.841 - 5.702 lm (for 24 LEDs module) depending on optics and selected power. Between 3.716 - 8.554 lm (for 36 LEDs module) depending on optics and selected power. Between 5.682 - 11.404 lm (for 48 LEDs module) depending on optics and selected power.
Performance	Between 80 and 88% (Depending on optics)
ULOR	<0,1%
Temperature range	-30°C a 40°C
Average life	L90 50.000h Tj=80°C; L75 100.000h Tj=80°C.
Standards	UNE EN-60598, UNE EN-55015; UNE EN-61000
Driver	Constant continuous current power supply, programmable for operation parameters adaptation to project requirements.
Regulation	DALI / 1-10V / Timming / Mains voltage reduction
Control functions	<ul style="list-style-type: none"> * LED board temperature control, adjustable to desired limit values. * Constant light flow along LED's life. * Adjustable engaging progression time. * Power and light flow reduction through programmed timming, up to 5 different levels. * Adjustable power by output programmed intensity selection. * Possibility of telemanagement, adding transmitting antenna or control device by line power.
LED modules	<ul style="list-style-type: none"> * Up to 24 LED (programmable power between 15 and 50W), and up to 48 LED (programmable power between 50 and 120W) in 6x4 layout, mounted on PCB board with electronic circuit (7). * Electronic design allowing shortcircuit condition between one LED poles in case of failure of this, ensuring operation of the other LEDs. * PCB board above aluminium module's lower side. In its upper side is placed the heat sink element (6), based on aluminium fins, designed for an optimal heat dissipation. * High transmittance refracting optic, made of PMMA, giving the desired light distribution. * Lower flat closure, made of clear methacrylate, sealing the optical group (8).
Color temperature	4.000°K; other on demand
Ra	70
Light distribution	Available 5 possible light distributions (A1, A2, A3, A4 and A5) according to relation between frontal and rear emitted flow, spread and throw, for an optimal adaptation to the lighting requirements of the project.

REFERENCE	DIMENSIONS				LEDS	LED (W)
	Ø (mm)	H (mm)	L (mm)	h (mm)		
BADILA LRA-7561AX-12	600	175	715	82	12 LEDES	Programmable 15 - 25W
BADILA LRA-7561AX-18	600	175	715	82	18 LEDES	Programmable 25 - 38W
BADILA LRA-7561AX-24	600	175	715	82	24 LEDES	Programmable 38 - 50W
BADILA LRA-7561AX-36	600	175	715	82	36 LEDES	Programmable 35 - 75W
BADILA LRA-7561AX-48	600	175	715	82	48 LEDES	Programmable 50 - 100W