



RX

Power and style for unique lighting

LIGHT WITH STYLE: MS LUX AMBIENT LIGHTING

The combination of classic design with modern technology creates an elegant and durable light option for different environments. This light fitting offers high efficiency, long life and minimal environmental impact thanks to advanced LED technologies. The old-town design adapts to parks, trails and squares, while the black colour of the housing provides a refined look that easily fits into different architectural styles.



Light characteristics

Luminous flux	38500 – 83280lm
Colour temperature (CCT)	5700 K (3000/4000/5000 K option)
Luminous efficacy	118 – 158lm/W
Colour rendering index (CRI)	> 80, (70, 90 option)
Protective cover	PC UV stable cover
LED lifetime L90B10	> 100,000h
Tolerance chromaticity McAdam	< 5
ULOR	Depends on the installation method
UV radiation	0%
Warm-up time	< 0.5s
Lens type	Modular asymmetric/symmetric

Certificates, Standards

CE marking	Yes
EMC certificate	Yes
LVD certificate	Yes
ENV certificate	Yes
Impact resistance	IK10
Resistance to water and dust penetration	IP67
RoHS	Yes
Warranty	6 years
Possibility of extending warranty	Yes

Electrical characteristics

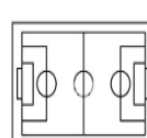
Input voltage	220-240V AC
Operating frequency	50-60Hz
Power factor	> 0.95
Electrical protection class	Class I
Ambient temperature	-35°C +55°C
Overvoltage protection (kV) options	CM – 10kV DM – 6kV
Zhaga (from Zhaga Book 18)	No

Control

Autonomous control	AstroDim
Luminous flux control	DALI-2
Control range	10-100%
Dim-to-off	Yes
Built-in CLO system (option)	Yes
Wireless driver programming	NFC

Mechanical characteristics

Housing material	Extruded aluminium
Corrosion protection	Anodisation (natural)
Cooling system	Passive
Power off switch	No
Clips, fasteners, screws material	Inox
Lens material	PMMA, PC
Colour	Grey (RAL 7046 + RAL 9003)
Light fitting housing gaskets	Silicone
Max. surface exposed to wind	0.15m ²
Possibility of regulating inclination of light fitting on console	-20° to +20°

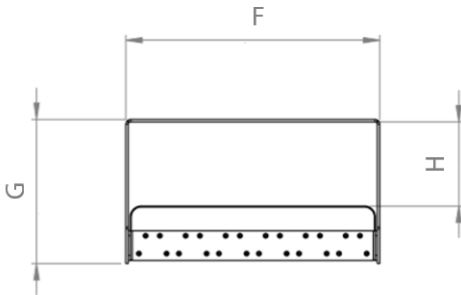
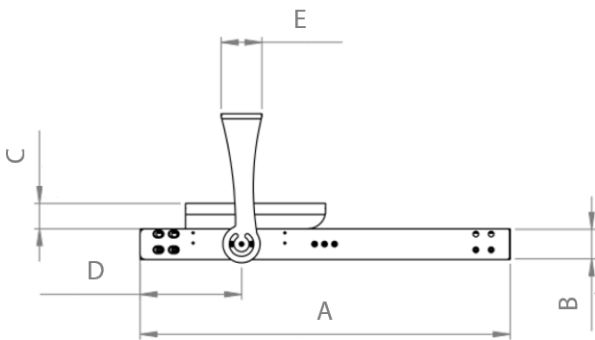


Other characteristics

Model	Light fitting power (W)	Luminous flux (lm)	Efficacy (lm/W)	CCT	CRI
RX 400	320	38500 - 51200	118 - 158	5700	>80
RX 600	600	79750 - 83280	133 - 140	5700	>80

Dimensions

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Mass (kg)
RX400	726.00	58.00	49.72	199.00	80.00	354.00	291.49	170.27	15.00
RX600	726.00	58.00	49.72	199.00	80.00	514.00	291.49	170.27	22.00



Connecting and disconnecting of the light fitting and all its parts **MUST** be done in a voltage-free state.

Mounting the light fitting

1. Attach/mount the light fitting with screws. The screws are not included with the light fitting.
2. If mounting on a mast, slide the light fitting power cord through the bracket/adaptor.
3. Connect the light fitting correctly to the LV mains using terminal blocks. The terminal blocks are not included with the light fitting.

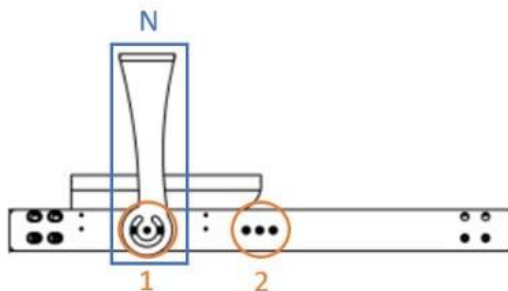
With DALI control, the light fitting cable consists of five lines, the colours of which have the following meaning:

- Brown – phase line (L)
- Blue – neutral line (N)
- Yellow – green – grounding (GND)
- Grey – YES –
- Black – YES +

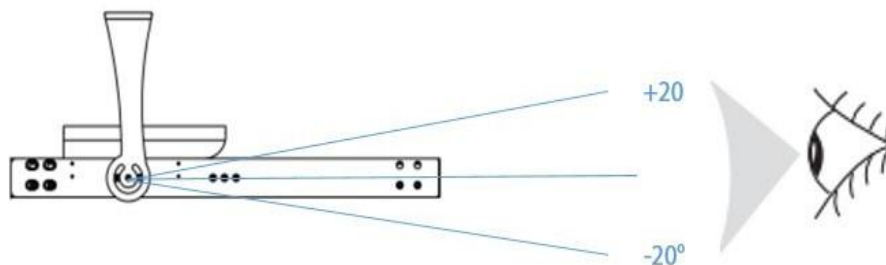
Without DALI control, the light fitting cable consists of 3 lines, the colours of which have the following meaning:

- Brown – phase line (L)
- Blue – neutral line (N)
- Yellow – green – grounding (GND)

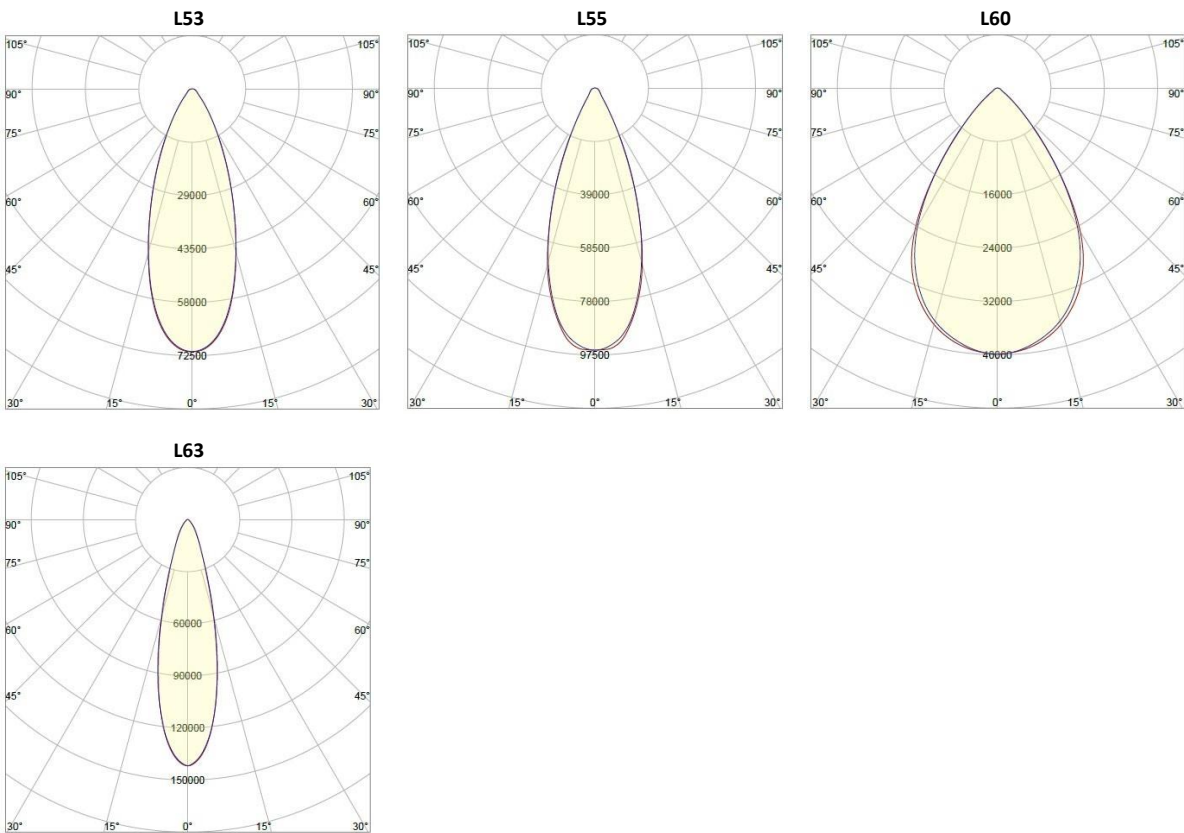
4. Adjust the light fitting inclination
5. Torque in Nm applied to any screw fixing the light fitting to the console: 3Nm
6. The optimal installation height of the RX light fitting is 16 meters
7. The light fitting holder (N) can be fixed in two positions on the light fitting (1 or 2)



8. If necessary, change the inclination of the light fitting on the console by regulating the light fitting bracket (from -20° to $+20^\circ$).



TYPICAL LIGHT DISTRIBUTION



Light fitting maintenance

The light fitting is modular so that in the event of malfunction of individual parts, the replacement can be done without dismantling the entire light fitting from the mast or bracket (arm).

For this purpose, the light fitting is designed in such a way that it is possible to open the housing without using tools. If maintenance is carried out without dismantling, the light fitting must not be opened during bad weather to avoid condensation of moisture inside the light fitting.

Before closing the protective cover, the interior of the light fitting should be wiped with a dry soft cloth. In doing so, it is necessary to check the condition of the protective cover gasket and replace it if damaged.

Installation and maintenance

The light fittings may only be installed/dismantled by qualified persons authorised by the manufacturer.

In the event that the installation/dismantling is carried out by an unauthorised person, the light fitting warranty is lost.

The standard light fitting warranty is 6 years unless otherwise indicated.

The light fitting may only be serviced by the manufacturer or by an authorised repairer.

The light source located inside the luminaire may only be serviced by the manufacturer, an authorised repairer or another qualified person authorised by the manufacturer.

Manufacturer and authorised repairer

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