

5 YEARS WARRANTY

ALBATROSS INDUSTRIAL LUMINAIRES INSTALLATION GUIDE

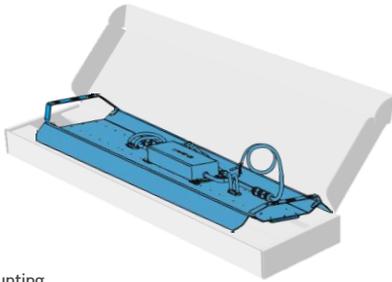
READ THE INSTRUCTIONS CAREFULLY BEFORE STARTING

IP65

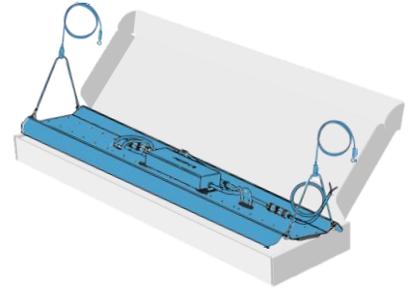
RoHS Compliant



INSIDE THE BOX



Surface mounting



Suspended mounting

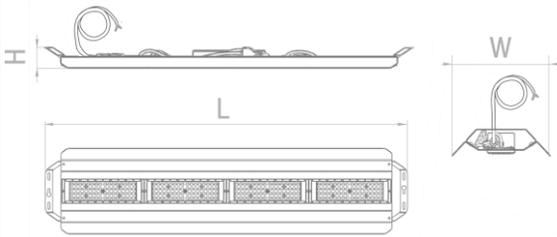
NEEDED FOR MOUNTING



Surface mounting

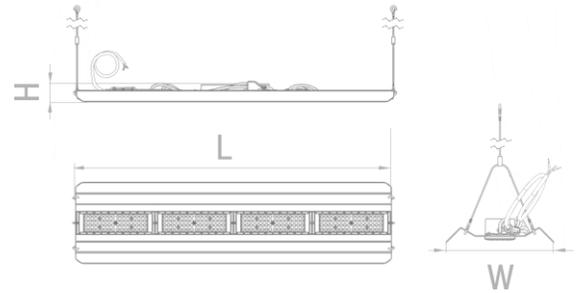


Suspended mounting



TYPE	L, mm	W, mm	H, mm
190 W standard / DALI	1123	265	67
190 W SENSOR	1215	265	67
150 W standard / DALI	868	265	67
150 W SENSOR	960	265	67

Surface mounting



TYPE	L, mm	W, mm	H, mm
190 W standard / DALI	1025	265	58
190 W SENSOR	1166	265	67
150 W standard / DALI	770	265	56
150 W SENSOR	911	265	67

Suspended mounting

WARNING

! Turn power off before inspection, installation or removal.

- Properly ground electrical enclosure.
- Perform installation in dry location only.
- Luminaire may fall down if not installed properly.
- Avoid direct eye exposure to the light source while it is on.
- For indoor use only.
- Do not operate luminaire with damaged parts.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- The manufacturer shall not be liable for any damage resulting from inappropriate modifications to the luminaire or faulty installation.

If you have any questions, contact the manufacturer.

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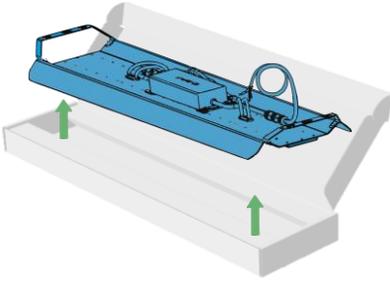
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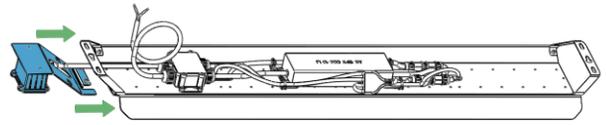
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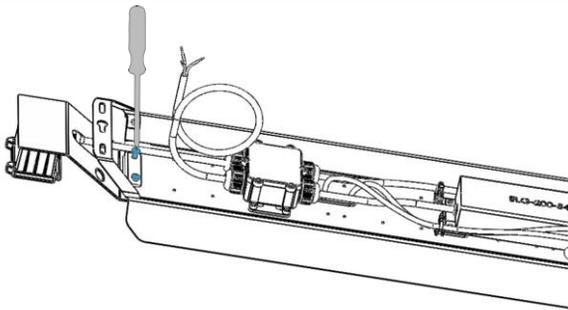
1. SURFACE MOUNTING



1



2 VERSIONS WITH SENSOR ONLY



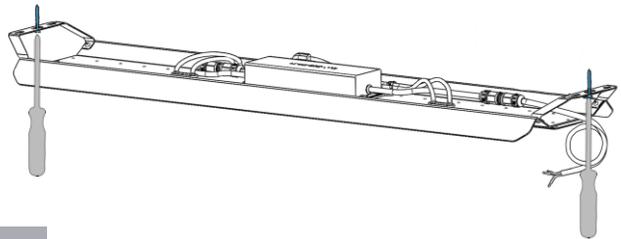
3 VERSIONS WITH SENSOR ONLY



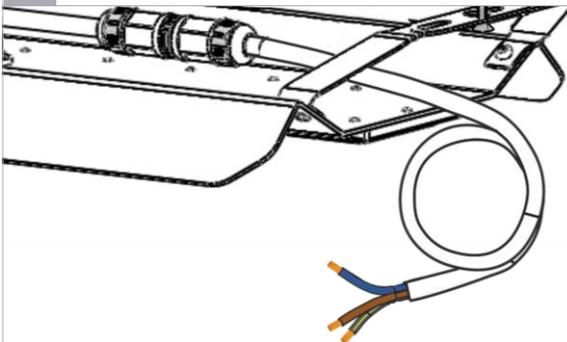
4 SCREWING



5



6



7 [Connection scheme on page 3](#)

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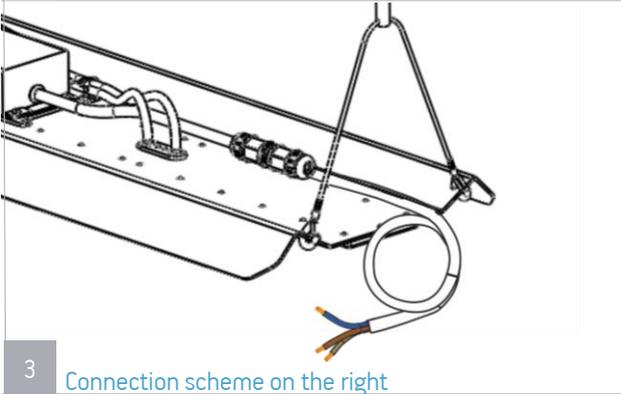
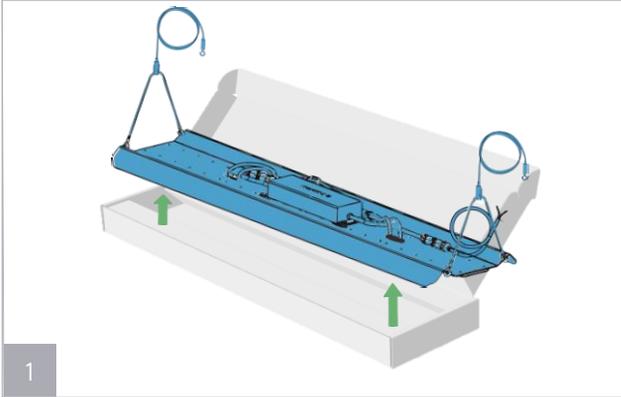
2. SUSPENDED MOUNTING

RoHS Compliant

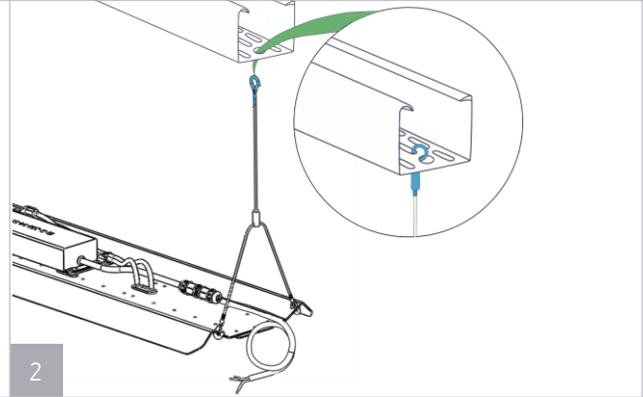
CE

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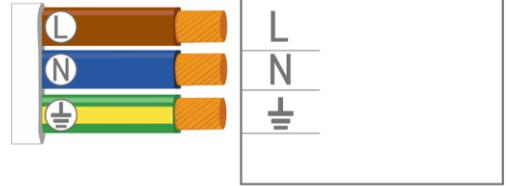
F



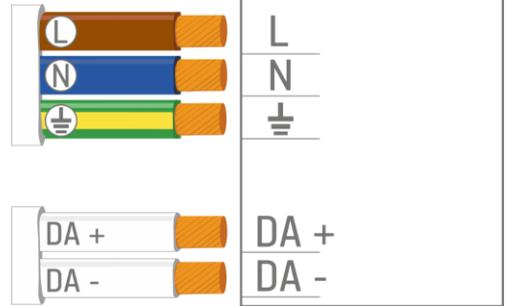
3 Connection scheme on the right



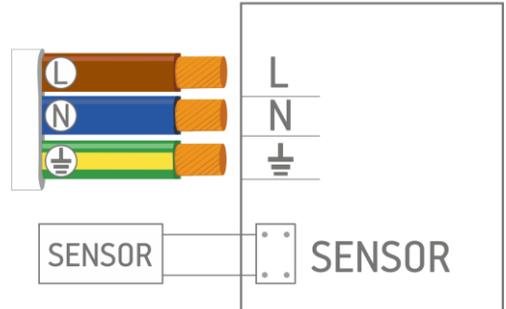
STANDARD



DALI



SENSOR



QUANTITY OF LUMINAIRES PER CIRCUIT BREAKER

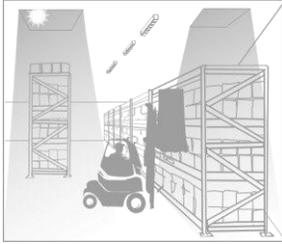
	LUMINAIRE QTY PER	
	25A	16A
	TYPE C CIRCUIT BREAKER	
BWLP-A-112A60840E190	19	30
BWLP-A-122A60840E190-1V-SE	19	30
BWLP-A-122A60840E190-1V-SE2	19	30
BWLP-A-112A60840E190-DA	19	30
BWLP-A-087A60840E150	25	39
BWLP-A-096A60840E150-1V-SE	25	39
BWLP-A-096A60840E150-1V-SE2	25	39
BWLP-A-087A60840E150-DA	25	39
BWLP-A-112A90840E190	19	30
BWLP-A-122A90840E190-1V-SE	19	30
BWLP-A-122A90840E190-1V-SE2	19	30
BWLP-A-112A90840E190-DA	19	30
BWLP-A-087A90840E150	25	39
BWLP-A-096A90840E150-1V-SE	25	39
BWLP-A-096A90840E150-1V-SE2	25	39
BWLP-A-087A90840E150-DA	25	39

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MOTION SENSOR (PRESET)

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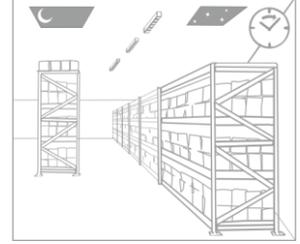
With sufficient ambient lux level, light keeps off even when motion is detected.



Light is on when sensor detects the motion and the ambient lux level is insufficient



When no more motion is detected, the light dims entering standby mode after hold time.



The lights turns off automatically after standby mode.

SET-UP CONFIGURATIONS

1. Detection area

This determines the effective range of the motion detector.

- I – 100 %
- II – 75 %
- III – 50 %
- IV – 10 %



	1	2	
I	●	●	100 %
II	●	○	75 %
III	○	●	50 %
IV	○	○	10 %

2. Hold time

This is the minimum amount of time that the luminaire will remain at 100% light output after no motion is detected.

- I – 5 s
- II – 30 s
- III – 1 min
- IV – 5 min
- V – 10 min
- VI – 20 min
- VII – 30 min



	3	4	5	
I	●	●	●	5 s
II	○	●	●	30 s
III	●	○	●	1 min
IV	●	●	○	5 min
V	○	○	●	10 min
VI	○	●	○	20 min
VII	○	○	○	30 min

3. Daylight sensor

This setting determines when there is insufficient daylight for natural lighting. In disable mode luminaire will always turn on upon movement.

- I – Disable
- II – 50 lux
- III – 10 lux
- IV – 2 lux



	6	7	
I	●	●	Disable
II	●	○	50 lux
III	○	●	10 lux
IV	○	○	2 lux

4. Corridor function

This determines standby time that the light remains dimmed before it is completely turned off.

- I – 0 s
- II – 10 s
- III – 1 min
- IV – 5 min
- V – 10 min
- VI – 30 min
- VII – 1 h
- VIII – + ∞



	8	9	10	
I	●	●	●	0 s
II	○	●	●	10 s
III	●	○	●	1 min
IV	●	●	○	5 min
V	○	○	●	10 min
VI	○	●	○	30 min
VII	●	○	○	1 h
VIII	○	○	○	+ ∞

5. Standby dim level

Light can be dimmed to different levels after hold time.

- I – 10 %
- II – 20 %
- III – 30 %
- IV – 50 %



	11	12	
I	●	●	10 %
II	●	○	20 %
III	○	●	30 %
IV	○	○	50 %

MOTION SENSOR (REMOTE CONTROL)

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RoHS Compliant



ROTARY SWITCH PRESET

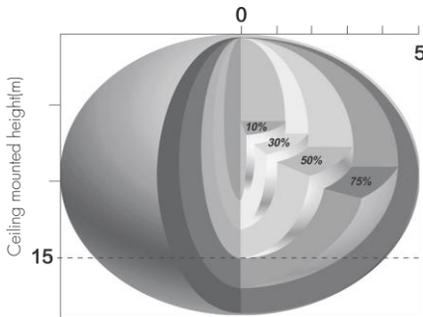
A rotary switch is built inside the sensor for scene selection / fast programming. Total 16 channels are available:



Rotary switch preset

Note: settings can also be changed by remote control HRC-11. The last action controls.

DETECTION PATTERN



Channel	Detection range	Hold-time	Daylight sensor	Stand-by time	Stand-by dim level
0	100%	5s	Disable	10s	10%
1	100%	1min	2Lux	5 min	10%
2	100%	5min	10Lux	10min	10%
3	100%	5min	30Lux	30min	10%
4	100%	5min	10Lux	0s	Disable
5	100%	5min	30Lux	+∞	10%
6	100%	5min	Disable	+∞	30%
7	100%	10min	2Lux	10min	10%
8	100%	10min	10Lux	30min	10%
9	100%	10min	30Lux	+∞	10%
A	100%	10min	Disable	+∞	30%
B	75%	10min	30Lux	+∞	10%
C	50%	10min	10Lux	+∞	10%
D	100%	30min	50Lux	+∞	10%
E	100%	30min	Disable	+∞	30%
F	100%	5s	2Lux	10s	10%

SETTINGS



Permanent ON/OFF function

Press button "ON/OFF" to select permanent ON or permanent OFF mode.

- Press button "AUTO", "RESET" to quit this mode.
- The mode will change to AUTO Mode after power failure.



Reset Settings

Press button "RESET", all settings go back to rotary switch settings.



Shift Button

Press button "Shift", the LED on the top left corner is on to indicate mode selection. All values / settings in RED are valid for 20 seconds.

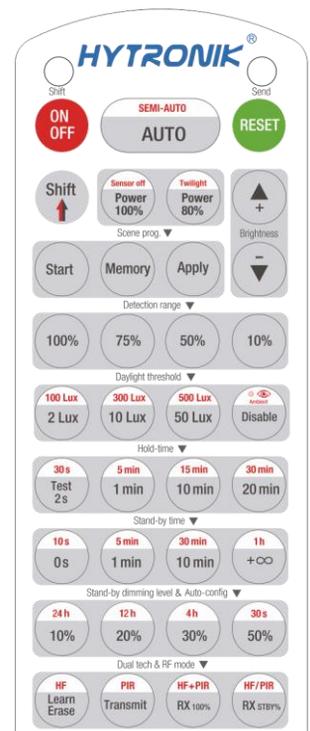
SEMI-AUTO

AUTO

AUTO mode

Press button "AUTO" to initiate automatic mode. The sensor starts working and all settings remain as before the light is switched ON/OFF.

Note: "Semi-auto" function is disabled.



MOTION SENSOR (REMOTE CONTROL)

**Power output**

Press the buttons to select light output at 80% (at initial 10,000 hours) or 100%.

Note: "Sensor off" and "Twilight" functions are disabled.

**Brightness +/-**

Press the buttons to adjust the light brightness during hold-time.

**Scene program - 1-key commissioning**

1. Press button "Start" to program.
2. Select the buttons in "Detection range", "Daylight threshold", "Hold-time", "Stand-by time", "Stand-by dimming level" to set all parameters.
3. Press button "Memory" to save all the settings programmed in the remote control.
4. Press button "Apply" to set the settings to each sensor unit(s).

For example, to set detection range 100%, daylight threshold Disable, hold-time 5min, stand-by time +∞, stand-by dimming level 30%, the steps should be: Press button "Start", button "100%", "Disable", "Shift", "5min", "Shift", "+∞", "30%", "Memory". By pointing to the sensor unit(s) and pressing "Apply", all settings are passed on the sensor(s).

Detection range

Press buttons in zone "Detection range" to set detection range at 100% / 75% / 50% / 10%.

Daylight threshold

Press buttons in zone "Daylight threshold" to set daylight sensor at 2Lux / 10Lux / 50Lux / 100Lux / 300Lux / 500Lux / Disable.

Note: To set daylight sensor at 100Lux / 300Lux / 500Lux, press "Shift" button first.

Ambient daylight threshold

1. Press button "Shift", the red LED starts to flash.
2. Press button "Ambient", the surrounding lux level is sampled and set as the new daylight threshold.

Hold-time

Press buttons in zone "hold-time" to set the hold-time at 2s / 30s / 1min / 5min / 10min / 15min / 20min / 30min.

Note: 1. To set hold-time at 30s / 5min / 15min / 30min, press "Shift" button first.

2. 2s is for testing purpose only, stand-by period and daylight sensor settings are disabled in this mode.

*To exit from Test mode, press button "RESET" or any button in "Hold-time".

Stand-by time (corridor function)

Press buttons in zone "stand-by time" to set the stand-by period at 0s / 10s / 1min / 5min / 10min / 30min / 1h / +∞.

Note: "0s" means on/off control; "+∞" means bi-level control, the fixture is 100% on when there is motion detected, and remains at the stand-by dimming level when no presence after motion hold-time.

Stand-by dimming level

Press the button in zone "stand-by dimming level" to set the stand-by dimming level at 10% / 20% / 30% / 50%.

Auto-configuration function

All buttons in this zone are disabled.

Dual tech G RF mode

All buttons are disabled.