

Alya, conceived by industrial designer Makio Hasuike, is the system designed for the 50th anniversary of Neri (1962-2012). The base, common to all the posts, draws on a typical feature of the Neri lamp posts, to which matter was somehow “subtracted” while an original LED lighting solution was added, outlining and decorating the surrounding space. Equipped with an advanced LED technology, its innovative light fixture is the contemporary version of a lantern. Alya has also a Wi-Fi system to access data and a built-in IP camera.

Up to two units per lighting point can be installed on the system. We expect to combine it with an urban furniture series, currently being designed.

Materials. The posts are entirely made of steel, while the light fixtures are of die cast aluminum.

Finishes. The standard colour is black. The posts are painted with a highly eco-friendly, water-based process. The system is certified to last over 1500 hours with exposure to salt fog and UV rays.



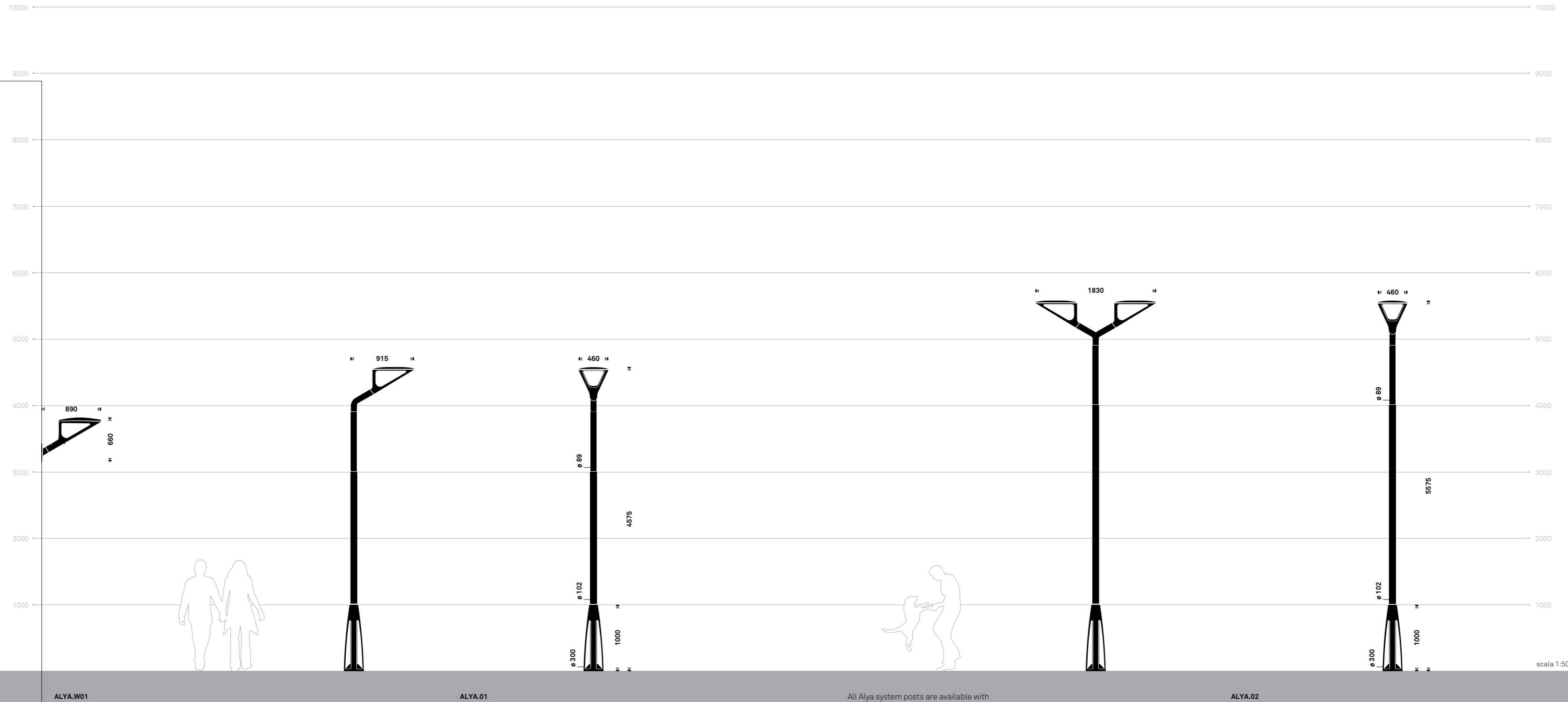
Base detail



ALYA

Dimensions

Alya system is available with
1, 2 lights with standard top



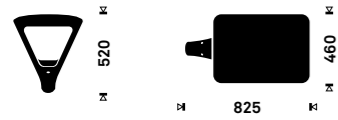
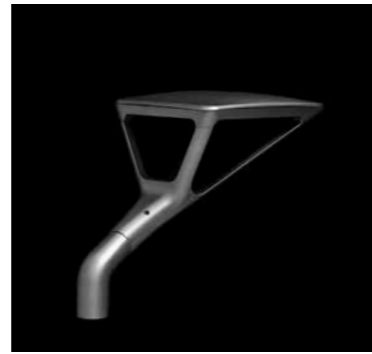
scala 1:50

All Alya system posts are available with
flange and masonry. For further information
see the appendix

ALYA

Light fixtures

Light fixtures drawings
are at 1:50 scale

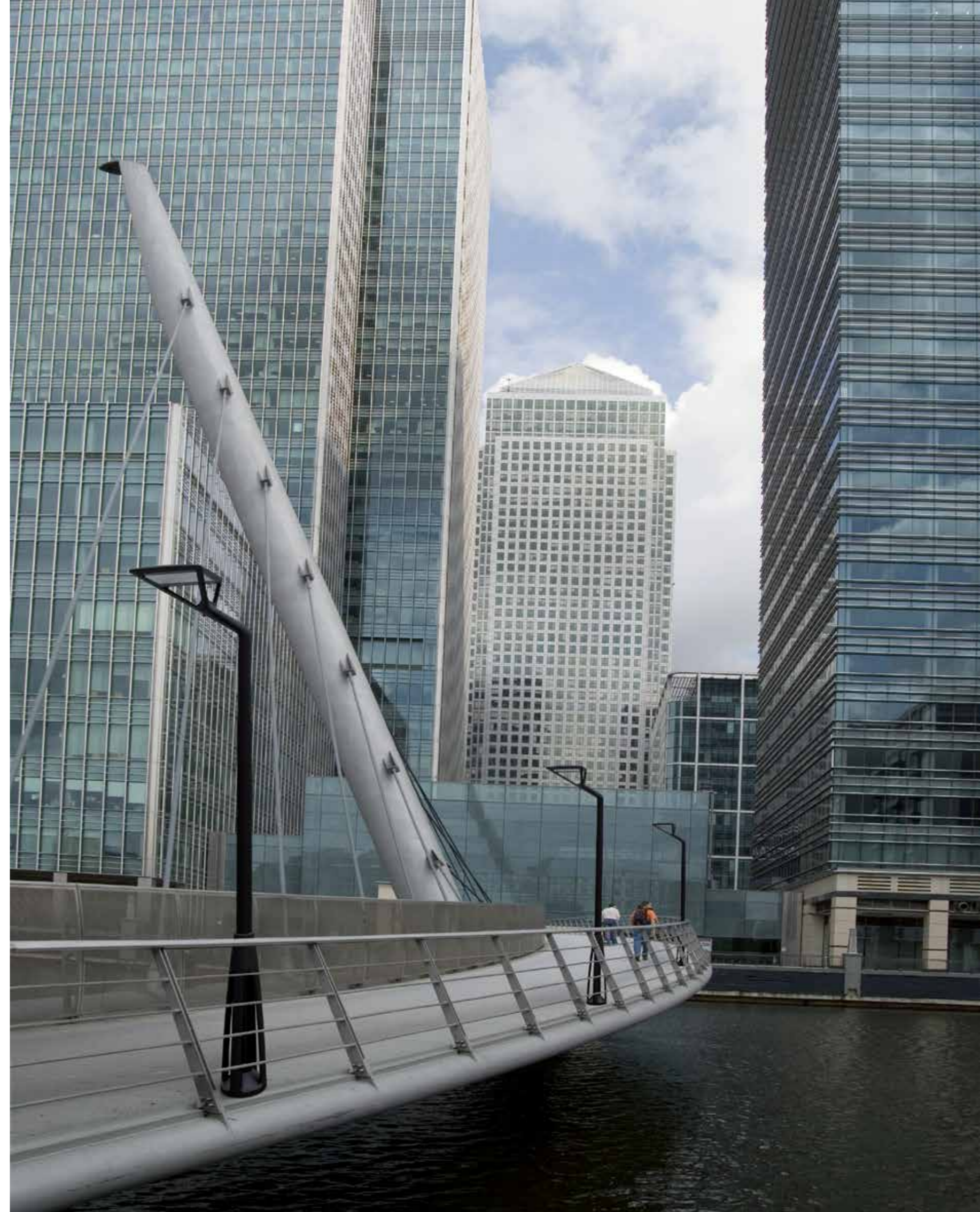


LIGHT ALYA

- Die-cast aluminium unit
- Fixing: supported
- Tilting frame for access to the optical and gear compartment
- Complying with the most restrictive laws on light pollution
- Disconnects automatically when you open
- Accessories: built-in camera, LED lighting at pole base

LED

- Comfort Category
- Warm light
- Source: standard LED modules for street lighting
- Source flux: up to 4500lm
- Optics: pre-anodized aluminium sectors
- Light distribution: for side road positioning, illuminance lighting classes
- Adjustable luminous flux, constant throughout the life of the product
- Internal temperature control



ALYA

Technical characteristics

LED sources

For further information on light photometric distribution see the appendix

LIGHT ALYA

CE IP66

Comfort

- Standard
- On-demand
- Not available

REMARKS

MATERIAL

The light fixtures are in aluminium

RESISTANCE TO IMPACTS - IK CODE

Glass IK 08

SUPPLY VOLTAGE

120V-277V with 50/60Hz frequency

CONTROL GEAR

Compact electronic

POWER FACTOR CORRECTION

With PFC

FUSE

250V T 6.3A

INSULATION CLASS

All the fixtures are available in class I (on-demand)

WIND EXPOSED SURFACE

For further information on S values see the specific section in the appendix

UL

Certification in progress

CONTROL FUNCTIONS KEY

NCL

Neri Constant Lumen

1 – 10V

Analogical control 1 – 10V

DALI

Digital control DALI

NVL

Neri Variable Lighting

6 hours automatic flux reduction (standard solution)

SCREEN SHAPE AND MATERIAL

FLAT TRANSPARENT GLASS - Full cut off ●

FLAT SATIN GLASS - Full cut off ○

OPTIC SYSTEM

NLG-03 - CE CLASSES - IV Short ●

COLOUR TEMPERATURE

3000K ●

4000K ○

FLUX SIZE OPTIONS

3500lm ●

4000lm ●

4500lm ●

POWER SUPPLY AND FUNCTIONS

1 - 10V NCL ●

DALI NCL ●

NVL NCL ●

CONTROL GEAR TYPE

CLASS II + FUSE 5x20mm ●

ACCESSORIES

BUILT-IN CAMERA ○

HOT SPOT WI-FI ○

PLANNING TABLE

NLG 03

CLASSES (U ₀ ≥ 0.4)	H 4m, L 4m		H 4m, L 6m	
	Interdist.	Flux	Interdist.	Flux
CE2 (20 lux)	20m	4000lm	21m	4500lm
CE3 (15 lux)	20m	3500lm	21m	4000lm
CE4 (10 lux)	-	-	21m	3500lm

For information related to the combinations between flux size options, power and colour temperature see the web site in the "light fixtures" section

