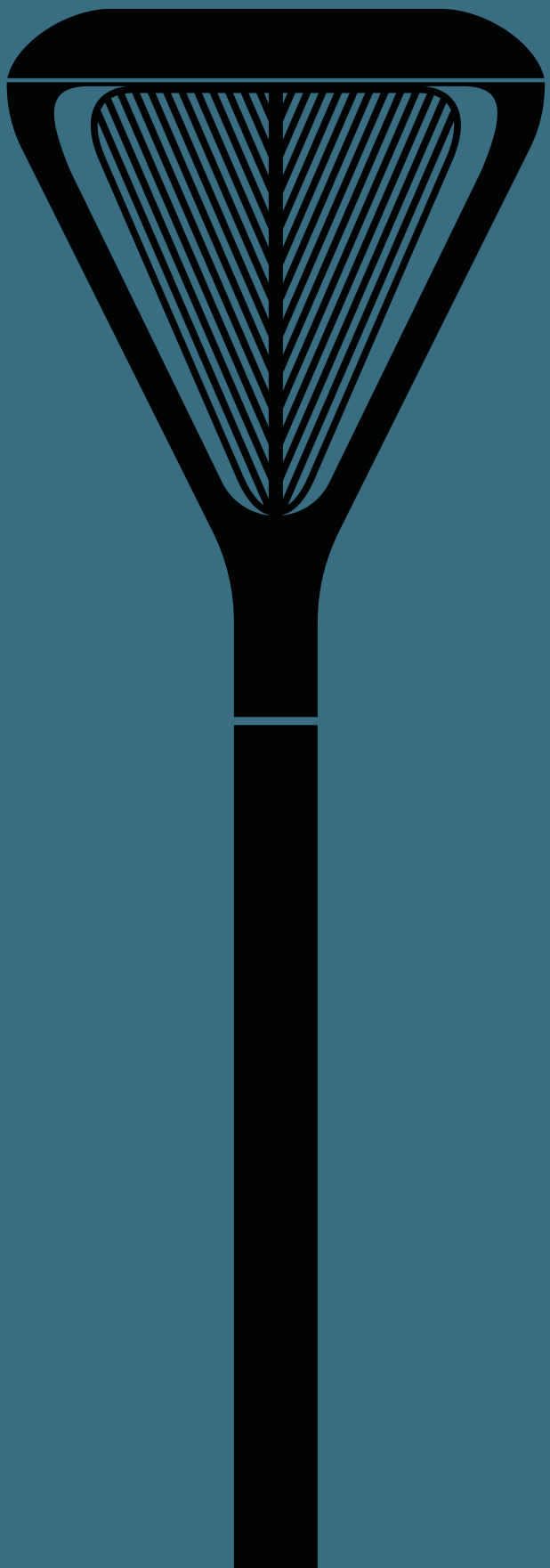
NERI

Lang



Lang is the award winning post top luminaire designed by Light Bureau part of AFRY. Lang is a design tool that allows to play with light, the two independent light sources with their four different geometries, can generate a lumen output between 1,500 and 15,000, whilst the ‘blade’ can be customised to enhance the identity of a place.

GERMAN DESIGN AWARD WINNER 2019

LANG

Design: Light Bureau part of AFRY

The simple shape of Lang provides comfortable and low-glare, yet high quality and performing light for public spaces. Suitable for post-top mounting, Lang requires an adapter for 60mm Ø posts, no adapter on 76mm Ø and flush on 89mm Ø (external diameter).

Materials
Lang consists of two cast aluminium parts characterised by an essential organic design. The bottom part is the slender but robust ‘V’ shaped bracket and the second part is the low spherical top that hosts the engine.

Finishes
The standard colour is the so-called Neri Grey that is obtained from a chromatic combination, which has been developed after a long aesthetic research. Posts are painted using a water-based and highly eco-friendly process.

“Two bracket post-top luminaires usually have an issue: the shadow generated by their own brackets. There is also not much that can be customised or adapted to meet the spirit of a place. Regarding the design of the aesthetic expression of the luminaire, we wanted it to be immediately recognisable as a post top luminaire with the associated characteristics, yet having a unique modern design.”

Light Bureau
part of AFRY

THE BLADE: ENDLESS POSSIBILITIES

The blade is a physical divider positioned between the ‘V’ shaped brackets, it is a screen made of aluminium that can be customised through laser cut and works like a filter. This technical and aesthetical device offers the designers yet another field where to intervene and play. The colours and design combinations are endless: a municipality can laser cut their coat of arms, different tints can work as an integrated signage system, a geometric pattern can create entertaining shadows on the floor.

Finishes available:

Silver Anodising
Gold Anodising
Bronze Anodising
Brown Anodising
Black Anodising

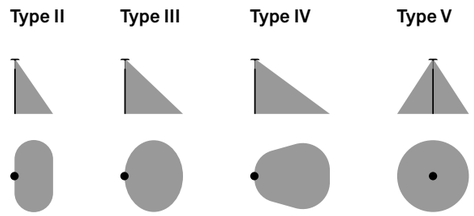
Lang can be ordered with or without the blade and the blade design can be customised.

Lang is characterized by two light sources positioned side by side. For each source light distribution and lumen output could be chosen, allowing designers maximum flexibility and customisation within a single fixture.

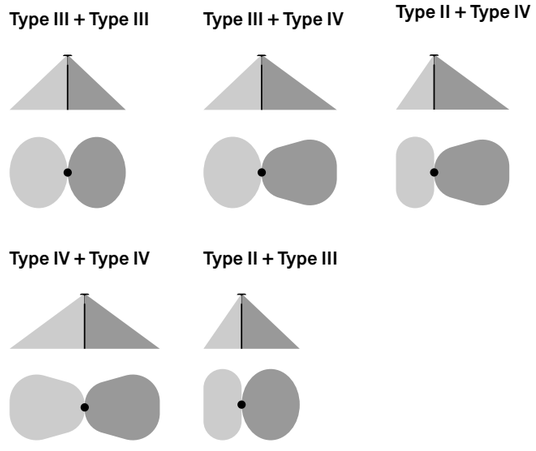
APPLICATIONS : TWO LUMINAIRES IN ONE

Lang's two light sources not only minimise the shadow generated by the post top structure, but allow endless custom configurations. Lang is available in Basic, Ready or Pro version.

Basic
The 'Basic' version is equipped with only one source and can be adopted every time the area adjacent to the illuminated one has to remain dark or does not need lighting. Light distributions available are symmetric and asymmetric, types: II, III, IV, V; lumen output ranges from 2,500 to 7,500.

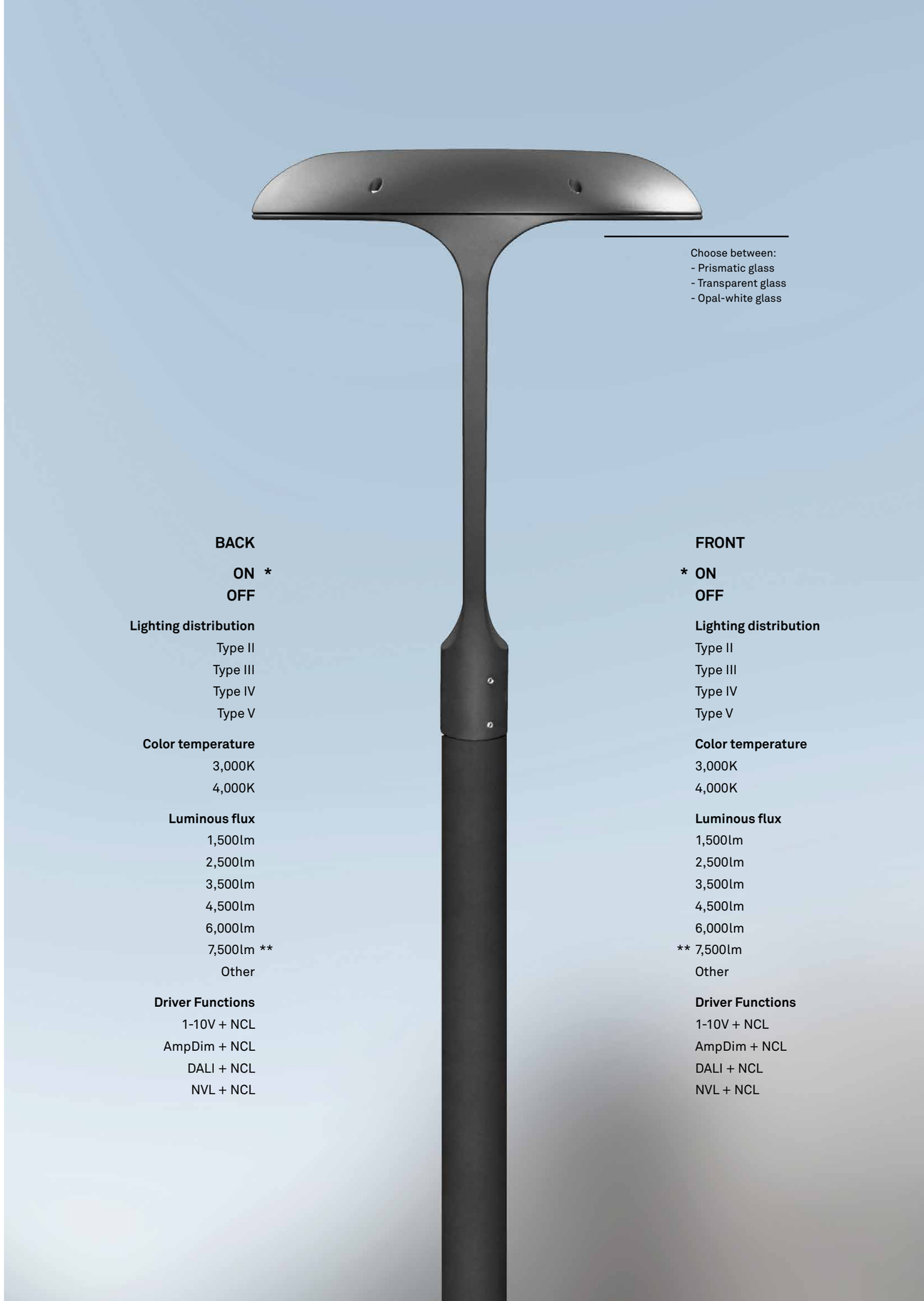


Ready
The 'Ready' version is equipped with two light sources and a shared driver. This version comes in five standard and most commonly used configurations. The four light distributions have been already combined together whilst ten different lumen outputs for each source can be selected and adopted; lumen output ranges from 5,000 to 15,000.



APPLICATIONS :
PRO VERSION

Pro
The ‘Pro’ version is fully customisable. The two sources could be completely different one from the other in terms of distribution, flux and intensity, allowing lighting professionals total freedom. The independence of the two light sources and drivers is the equivalent of having two luminaires mounted on the same post at same or at different heights. There are three different screen options to choose from: prismatic, transparent or opal-white (same glass choice for both sources). Lumen output ranges from 1,500 to 15,000.



Choose between:
- Prismatic glass
- Transparent glass
- Opal-white glass

BACK

ON *
OFF

Lighting distribution
Type II
Type III
Type IV
Type V

Color temperature
3,000K
4,000K

Luminous flux
1,500lm
2,500lm
3,500lm
4,500lm
6,000lm
7,500lm **
Other

Driver Functions
1-10V + NCL
AmpDim + NCL
DALI + NCL
NVL + NCL

FRONT

*** ON**
OFF

Lighting distribution
Type II
Type III
Type IV
Type V

Color temperature
3,000K
4,000K

Luminous flux
1,500lm
2,500lm
3,500lm
4,500lm
6,000lm
** 7,500lm
Other

Driver Functions
1-10V + NCL
AmpDim + NCL
DALI + NCL
NVL + NCL

* Customisation includes the possibility of having one or both sources on.
** Not available with opal-white glass

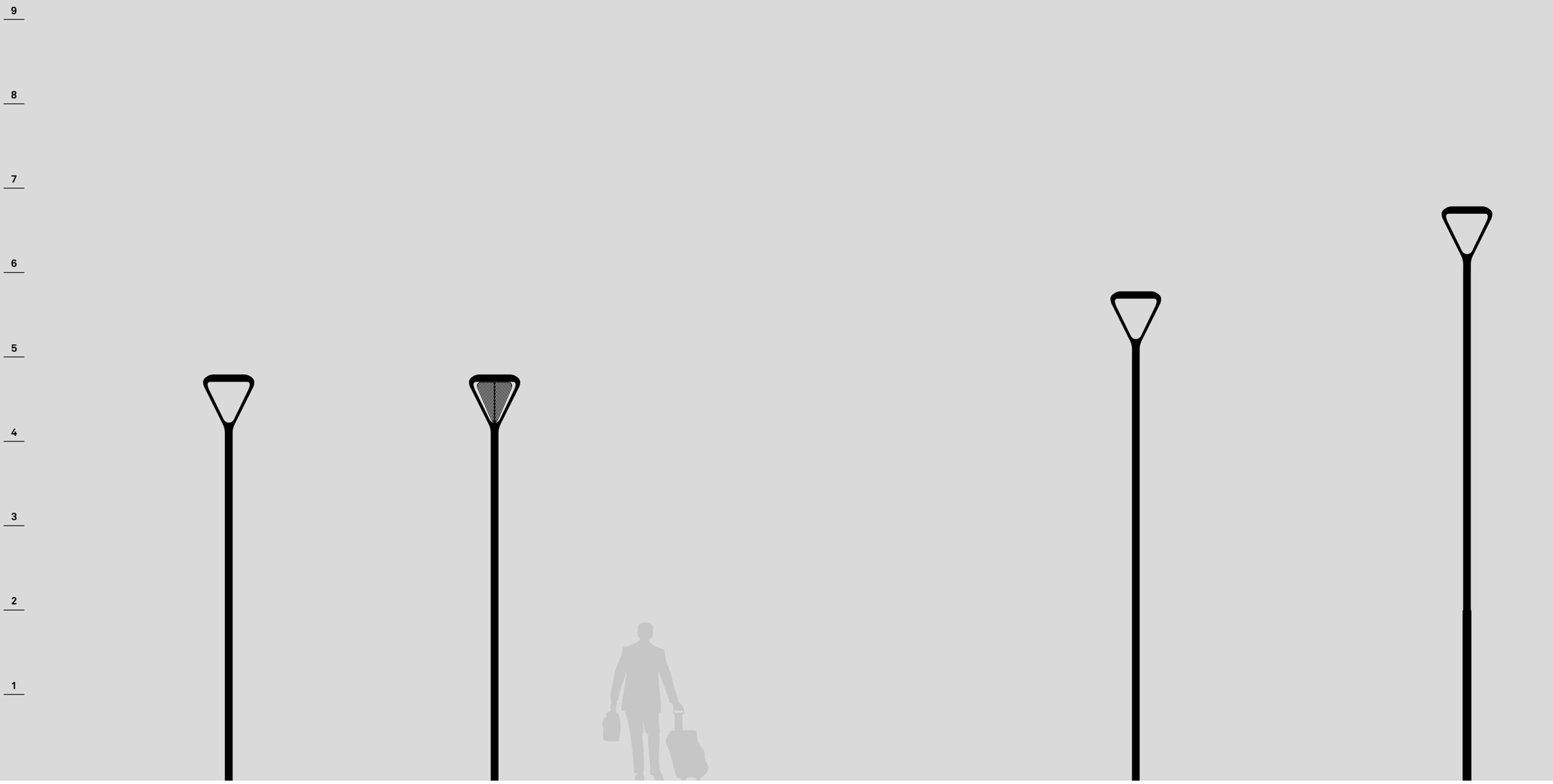
Luminaire main features

- Reflector and transparent, prismatic or opal-white flat glass version for flow recovery and reduced glare
- Electrical insulation: class II, class I
- Enclousure protection: IP66, IK08
- LED optics: multilayer PMMA lenses
- CCT: 3,000K and 4,000K
- Surge protection: up to 10kV/10kV*
- Estimated life: 100,000h, L90B10
- Supplied with cable and connector

* Upon request

LANG SYSTEM

Three different height posts, 4, 5 and 6 metres, on which the luminaire can be mounted flush characterise Lang system.



Lang
h 4m, Ø89mm

Lang with blade
h 4m, Ø89mm

Lang
h5m, Ø89mm

Lang
h5m, Ø114mm + 89mm

TECHNICAL FEATURES:
LED MODULE

Lang is composed by two light sources, this page features the main LED module characteristics of a single source.

MAIN TECHNICAL DATA

SUPPLY VOLTAGE
220-240V, 50/60Hz frequency
SURGE PROTECTION
6kV L-N / 10kV L/N-frame
POWER SUPPLY
Programmable Electronic
POWER FACTOR CORRECTION
PFC > cos φ 0.9
ELECTRICAL INSULATION
Class II, Class I
ENCLOSURE PROTECTION
Water and dust IP66
Mechanical impacts IK08
PLANNING INFORMATIONS
For information related to the combinations between flux size options, power and colour temperature see the web site
–
Neri SpA reserves the right to modify its products and documentation without obligation to give prior warning

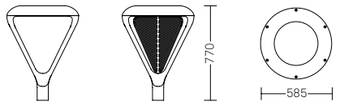
SCREEN
PRISMATIC FLAT GLASS – Cutoff
EXTRA-CLEAR TRANSPARENT FLAT GLASS – Cutoff
OPAL-WHITE FLAT GLASS – Cutoff

OPTIC SYSTEM
TYPE II
TYPE III
TYPE IV
TYPE V

COLOUR TEMPERATURE
3,000K
4,000K

FLUX SIZE OPTIONS
1,500lm*
2,500lm
3,500lm
4,500lm
6,000lm
7,500lm**

DRIVER FUNCTIONS
NCL
1-10V
DALI
NVL
AmpDim



* Upon request
** Not available
with white glass

YCAT.LANG.UK

Neri S.p.A.
S.S. Emilia 1622
47020 Longiano (FC) · Italy
T +39 0547 652111
F +39 0547 54074

Neri France S.à.r.l.
3, rue du Colonel Moll
75017 Paris · France
T +33 1 42 79 57 43

Neri North America Inc.
1547NW 79th Avenue
Miami, FL 33126, USA
T +1 786 315 4367
F +1 786 693 7763

Neri Lighting India Pvt. Ltd.
181 Evoma
14 Bhattaralli · K R Puram
Bengaluru · 560 066
T +91 80 3061 3658

Neri S.p.A. (DMCC Branch)
29-29 Reef Tower Cluster O
JLT – Jumeirah Lake Towers
P.O. Box: 5003348 · Dubai · UAE
T +971 4 448 7246
F +971 4 448 7112

www.neri.biz
© february 2020 · Neri S.p.A.