

DESCRIPTION

Compliance

EN 60598-1; EN 60598-2-3; EN 62031; EN 55015 EMC; EN 61547 EMC;
EN 61000-3-2/3; IEC/TR 62778



Dimensions

| Height | Width | Length | Weight | IP | IK | Area (S) |
|--------|-------|--------|--------|----|----|----------------------|
| 774mm | 585mm | 585mm | 17Kg | 66 | 08 | 0.106 m ² |

Electrical characteristics

| Voltage | Frequency | Cos φ | Insulation class | Operative Temp. |
|----------|-----------|-------|------------------|-----------------|
| 220-240V | 50/60Hz | > 0,9 | CL II □ | -35°C/+50°C |

- Class I of insulation (on request).

Fixing

- Post top mounting on tubes Ø 60mm (with adapter ring) or on Ø 78mm tubes (without adapter ring), flush on Ø 89mm tube.

Materials

- Cast and sheet aluminium (UNI EN 1706).
- Extra-clear transparent flat glass or prismatic flat glass or white flat glass.
- Stainless-steel fasteners.
- Internal reflector made of PC.

Structure – Main components

- Upper shell can be opened with screws.
- Consists of two cast aluminium parts. The bottom part is the slender but robust 'V' shaped bracket and the upper part is the low spherical top that hosts the engine.
- Double screen with a white PC recovery reflector (for each screen).
- Osmotic valve for balance internal/external pressure.

Electrical auxiliaries

- Pre-installed power cable passing internally through one of the arm (length 6m).
- Wiring plate with appropriate space for auxiliary remote management devices.

Operations and maintenance

- During maintenance operations no screw or component is separated from the structure.
- Please refer to product installation and maintenance manual.
- It is responsibility of the installer the correct installation and electric connection in accordance with applicable regulations.

Finish

- Standard colour: Neri Gray.
- Paint system (see specific technical sheet).

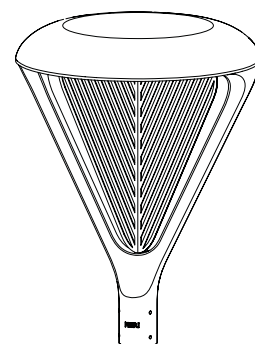
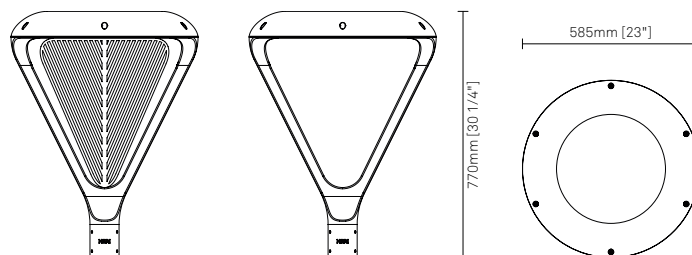
Accessories

- Decorative blade in anodized aluminum (customisable on request).

DRAWINGS



Lang is a two brackets post top luminaire characterised by two light sources, that can be completely independent in terms of distributions and lumen output. Versions available are: basic (one light source); ready (two light sources, one driver and a list of ready-made distributions and flux configurations to choose from); pro (fully customisable version with two drivers if needed).



Version with decorative blade

BASIC | PRISMATIC

The 'Basic' version is equipped with one light 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 outputs range from 2,500 to 7,500.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|-----------|-----|-------------|
| Type V | Prismatic | - | Full Cutoff |
| Type II | Prismatic | - | Full Cutoff |
| Type III | Prismatic | - | Full Cutoff |
| Type IV | Prismatic | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

| Colour Temperature | | 3,000K | | | |
|--------------------|-------|------------|-------|-----|----|
| System* | | LED module | | | |
| lm tot | W tot | lm/W | n LED | mA | W |
| 2,500 | 24 | 105 | 16 | 442 | 21 |
| 3,500 | 35 | 100 | 16 | 658 | 31 |
| 4,500 | 41 | 111 | 32 | 391 | 35 |
| 6,000 | 55 | 109 | 32 | 542 | 49 |
| 7,500 | 73 | 103 | 32 | 718 | 65 |

| Colour Temperature | | 4,000K | | | |
|--------------------|-------|------------|-------|-----|----|
| System* | | LED module | | | |
| lm tot | W tot | lm/W | n LED | mA | W |
| 2,500 | 22 | 113 | 16 | 411 | 19 |
| 3,500 | 32 | 108 | 16 | 608 | 28 |
| 4,500 | 37 | 120 | 32 | 365 | 33 |
| 6,000 | 51 | 118 | 32 | 502 | 45 |
| 7,500 | 67 | 113 | 32 | 661 | 60 |

- * The energy values in the table refer to LED module + driver.
- LED type: CSP Nichia
- Power LEDs module on printed circuit board with metal core plate.
- Internal heat sink in cast aluminium seamless with external frame.
- Estimated life: 100,000 h L90B10.
- Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
- Photobiological risk (EN62471): class RG0.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

DALI + NCL (Digital control + Neri constant lumen)

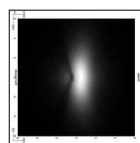
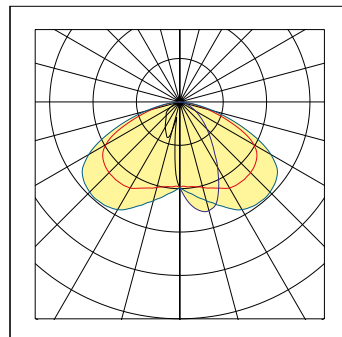
NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

- NFC programmable electronic power supply with self-diagnostic functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

PHOTOMETRIC CURVES

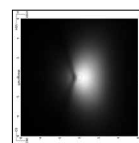
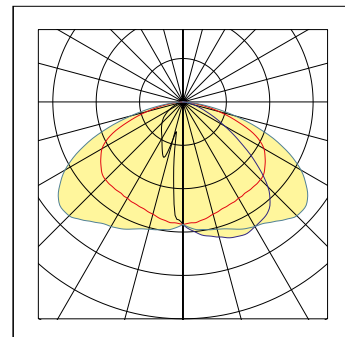
Type II

N° LED 32



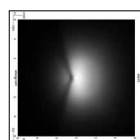
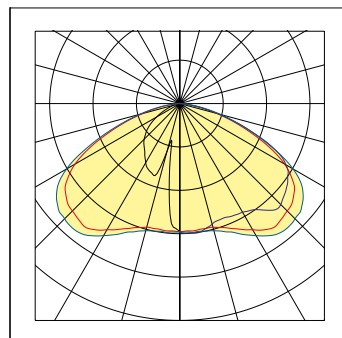
Type III

N° LED 32



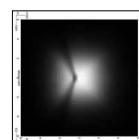
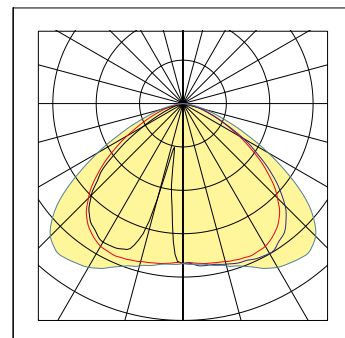
Type IV

N° LED 32



Type V

N° LED 32



BASIC | TRANSPARENT

The 'Basic' version is equipped with one light 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 outputs range from 2,500 to 7,500.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|-------------|-----|-------------|
| Type V | Transparent | - | Full Cutoff |
| Type II | Transparent | - | Full Cutoff |
| Type III | Transparent | - | Full Cutoff |
| Type IV | Transparent | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

| Colour Temperature | | 3,000K | | | |
|--------------------|-------|------------|-------|-----|----|
| System* | | LED module | | | |
| lm tot | W tot | lm/W | n LED | mA | W |
| 2,500 | 22 | 114 | 16 | 418 | 19 |
| 3,500 | 33 | 106 | 16 | 618 | 29 |
| 4,500 | 38 | 118 | 32 | 370 | 33 |
| 6,000 | 52 | 115 | 32 | 511 | 46 |
| 7,500 | 69 | 109 | 32 | 673 | 61 |

| Colour Temperature | | 4,000K | | | |
|--------------------|-------|------------|-------|-----|----|
| System* | | LED module | | | |
| lm tot | W tot | lm/W | n LED | mA | W |
| 2,500 | 21 | 119 | 16 | 389 | 18 |
| 3,500 | 30 | 117 | 16 | 572 | 27 |
| 4,500 | 35 | 129 | 32 | 346 | 31 |
| 6,000 | 48 | 125 | 32 | 474 | 43 |
| 7,500 | 62 | 121 | 32 | 620 | 56 |

- * The energy values in the table refer to LED module + driver.
- LED type: CSP Nichia
- Power LEDs module on printed circuit board with metal core plate.
- Internal heat sink in cast aluminium seamless with external frame.
- Estimated life: 100,000 h L90B10.
- Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
- Photobiological risk (EN62471): class RG0.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

DALI + NCL (Digital control + Neri constant lumen)

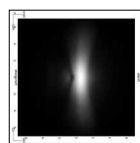
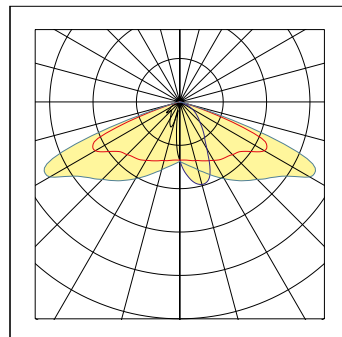
NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

- NFC programmable electronic power supply with self-diagnostic functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

PHOTOMETRIC CURVES

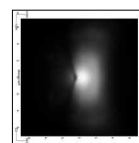
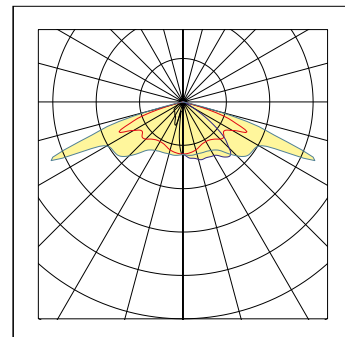
Type II

N° LED 32



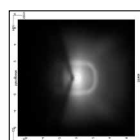
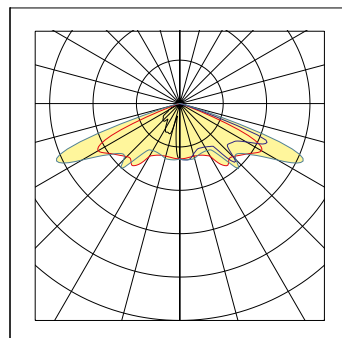
Type III

N° LED 32



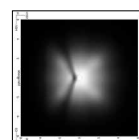
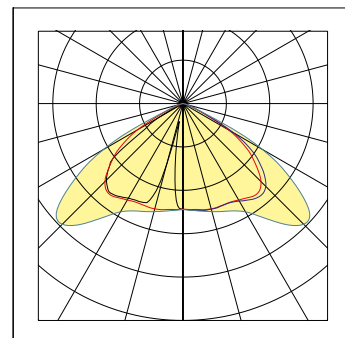
Type IV

N° LED 32



Type V

N° LED 32



BASIC | WHITE

The 'Basic' version is equipped with one light 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 outputs range from 2,500 to 7,500.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|--------|-----|-------------|
| Type V | White | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

| Colour Temperature | | 3,000K | | | |
|--------------------|-------|------------|-------|-----|----|
| System* | | LED module | | | |
| lm tot | W tot | lm/W | n LED | mA | W |
| 2,500 | 38 | 67 | 16 | 688 | 32 |
| 3,500 | 46 | 76 | 16 | 447 | 44 |
| 4,500 | 63 | 71 | 32 | 602 | 55 |
| 6,000 | 91 | 66 | 32 | 877 | 81 |

| Colour Temperature | | 4,000K | | | |
|--------------------|-------|------------|-------|-----|----|
| System* | | LED module | | | |
| lm tot | W tot | lm/W | n LED | mA | W |
| 2,500 | 35 | 72 | 16 | 635 | 30 |
| 3,500 | 43 | 82 | 32 | 416 | 37 |
| 4,500 | 58 | 78 | 32 | 556 | 50 |
| 6,000 | 83 | 73 | 32 | 804 | 74 |

* The energy values in the table refer to LED module + driver.

- LED type: CSP Nichia
- Power LEDs module on printed circuit board with metal core plate.
- Internal heat sink in cast aluminium seamless with external frame.
- Estimated life: 100,000 h L90B10.
- Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
- Photobiological risk (EN62471): class RG0.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

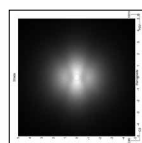
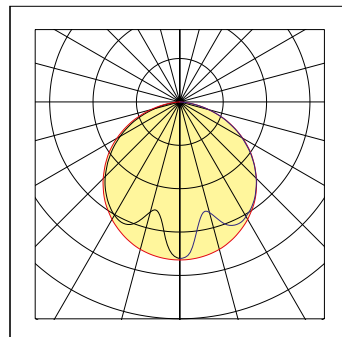
DALI + NCL (Digital control + Neri constant lumen)

NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

- NFC programmable electronic power supply with self-diagnostic functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

PHOTOMETRIC CURVES**Type V**

N° LED 32



READY | PRISMATIC

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.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|-----------|-----|-------------|
| Type III + Type III | Prismatic | - | Full Cutoff |
| Type III + Type IV | Prismatic | - | Full Cutoff |
| Type IV + Type IV | Prismatic | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

| Colour Temperature | | | 3,000K | | | | | |
|--------------------|-------|------|--------|-----|----|-------|-----|----|
| System* | | | Back | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,000 | 48 | 105 | 16 | 442 | 21 | 16 | 442 | 21 |
| 7,000 | 70 | 100 | 16 | 658 | 31 | 16 | 658 | 31 |
| 7,500 | 63 | 119 | 32 | 324 | 27 | 32 | 324 | 27 |
| 9,000 | 81 | 111 | 32 | 391 | 35 | 32 | 391 | 35 |
| 12,000 | 104 | 115 | 32 | 542 | 46 | 32 | 542 | 46 |
| 15,000 | 137 | 109 | 32 | 718 | 61 | 32 | 718 | 61 |

| Colour Temperature | | | 4,000K | | | | | |
|--------------------|-------|------|--------|-----|----|-------|-----|----|
| System* | | | Back | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,000 | 44 | 113 | 16 | 411 | 19 | 16 | 411 | 19 |
| 7,000 | 65 | 108 | 16 | 608 | 28 | 16 | 608 | 28 |
| 7,500 | 62 | 121 | 32 | 304 | 27 | 32 | 304 | 27 |
| 9,000 | 75 | 120 | 32 | 365 | 33 | 32 | 365 | 33 |
| 12,000 | 101 | 118 | 32 | 502 | 45 | 32 | 502 | 45 |
| 15,000 | 133 | 113 | 32 | 661 | 60 | 32 | 661 | 60 |

* The energy values in the table refer to LED module + driver.

- LED type: CSP Nichia
- Power LEDs module on printed circuit board with metal core plate.
- Internal heat sink in cast aluminium seamless with external frame.
- Estimated life: 100,000 h L90B10.
- Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
- Photobiological risk (EN62471): class RG0.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

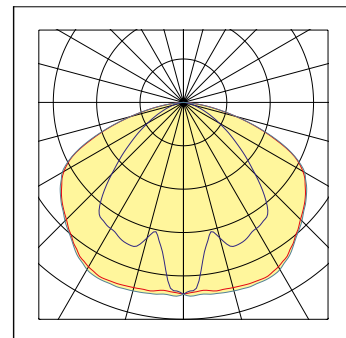
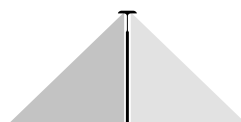
DALI + NCL (Digital control + Neri constant lumen)

NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

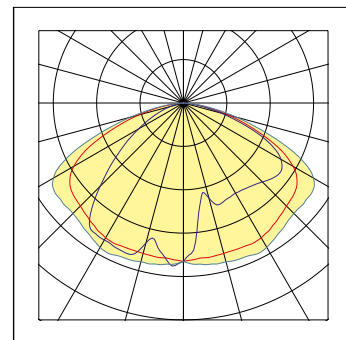
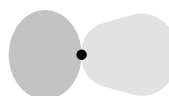
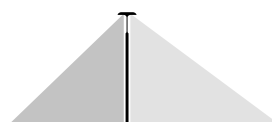
- NFC programmable electronic power supply with self-diagnostic functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

PHOTOMETRIC CURVES

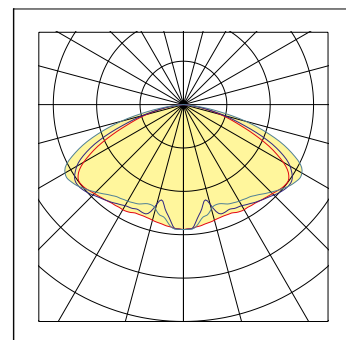
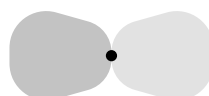
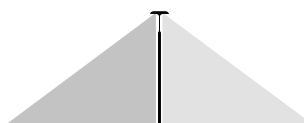
| Back | Front |
|----------|----------|
| Type III | Type III |



| Back | Front |
|----------|---------|
| Type III | Type IV |



| Back | Front |
|---------|---------|
| Type IV | Type IV |



READY | PRISMATIC

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.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|-----------|-----|-------------|
| Type II + Type III | Prismatic | - | Full Cutoff |
| Type II + Type IV | Prismatic | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

| Colour Temperature | | | 3,000K | | | | | |
|--------------------|-------|------|--------|-----|----|-------|-----|----|
| System* | | | Back | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,250 | 45 | 116 | 16 | 303 | 14 | 32 | 303 | 26 |
| 6,750 | 61 | 110 | 16 | 391 | 18 | 32 | 391 | 35 |
| 9,000 | 81 | 111 | 16 | 542 | 25 | 32 | 542 | 46 |
| 11,250 | 107 | 105 | 16 | 718 | 34 | 32 | 718 | 61 |

| Colour Temperature | | | 4,000K | | | | | |
|--------------------|-------|------|--------|-----|----|-------|-----|----|
| System* | | | Back | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,250 | 44 | 120 | 16 | 285 | 13 | 32 | 285 | 25 |
| 6,750 | 57 | 119 | 16 | 365 | 17 | 32 | 365 | 33 |
| 9,000 | 78 | 116 | 16 | 502 | 23 | 32 | 502 | 45 |
| 11,250 | 102 | 110 | 16 | 661 | 31 | 32 | 661 | 60 |

- * The energy values in the table refer to LED module + driver.
- LED type: CSP Nichia
 - Power LEDs module on printed circuit board with metal core plate.
 - Internal heat sink in cast aluminium seamless with external frame.
 - Estimated life: 100,000 h L90B10.
 - Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
 - Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
 - Photobiological risk (EN62471): class RG0.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

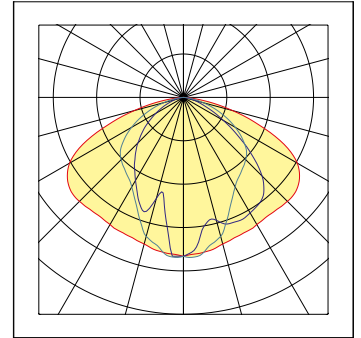
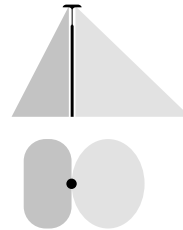
DALI + NCL (Digital control + Neri constant lumen)

NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

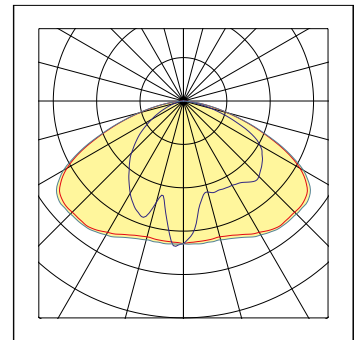
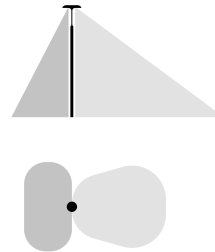
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- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

PHOTOMETRIC CURVES

| Back | Front |
|---------|----------|
| Type II | Type III |



| Back | Front |
|---------|---------|
| Type II | Type IV |



READY | TRANSPARENT

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.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|-------------|-----|-------------|
| Type III + Type III | Transparent | - | Full Cutoff |
| Type III + Type IV | Transparent | - | Full Cutoff |
| Type IV + Type IV | Transparent | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

| Colour Temperature | | | 3,000K | | | | | |
|--------------------|-------|------|--------|-----|----|-------|-----|----|
| System* | | | Back | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,000 | 44 | 114 | 16 | 418 | 19 | 16 | 418 | 19 |
| 7,000 | 66 | 106 | 16 | 618 | 29 | 16 | 618 | 29 |
| 7,500 | 63 | 119 | 32 | 308 | 27 | 32 | 308 | 27 |
| 9,000 | 76 | 118 | 32 | 370 | 33 | 32 | 370 | 33 |
| 12,000 | 104 | 115 | 32 | 567 | 46 | 32 | 567 | 46 |
| 15,000 | 138 | 109 | 32 | 673 | 61 | 32 | 673 | 61 |

| Colour Temperature | | | 4,000K | | | | | |
|--------------------|-------|------|--------|-----|----|-------|-----|----|
| System* | | | Back | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,000 | 42 | 119 | 16 | 389 | 18 | 16 | 389 | 18 |
| 7,000 | 60 | 117 | 16 | 572 | 27 | 16 | 572 | 27 |
| 7,500 | 59 | 127 | 32 | 290 | 26 | 32 | 290 | 26 |
| 9,000 | 70 | 129 | 32 | 346 | 31 | 32 | 346 | 31 |
| 12,000 | 96 | 125 | 32 | 474 | 43 | 32 | 474 | 43 |
| 15,000 | 124 | 121 | 32 | 620 | 56 | 32 | 620 | 56 |

* The energy values in the table refer to LED module + driver.

- LED type: CSP Nichia
- Power LEDs module on printed circuit board with metal core plate.
- Internal heat sink in cast aluminium seamless with external frame.
- Estimated life: 100,000 h L90B10.
- Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
- Photobiological risk (EN62471): class RG0.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

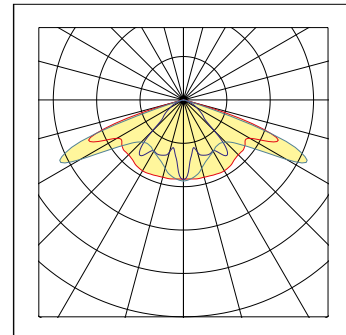
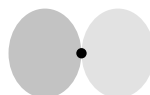
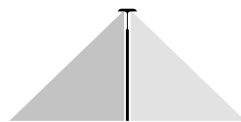
DALI + NCL (Digital control + Neri constant lumen)

NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

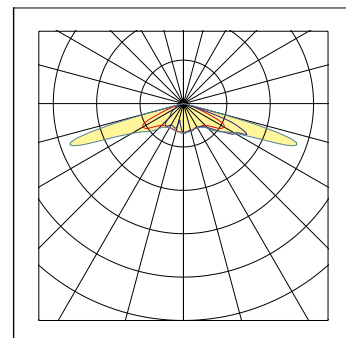
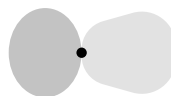
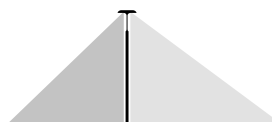
- NFC programmable electronic power supply with self-diagnostic functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

PHOTOMETRIC CURVES

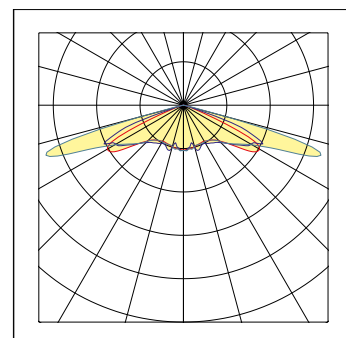
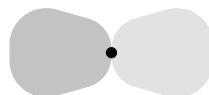
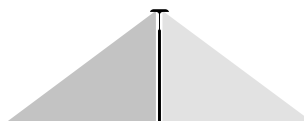
| Back | Front |
|----------|----------|
| Type III | Type III |



| Back | Front |
|----------|---------|
| Type III | Type IV |



| Back | Front |
|---------|---------|
| Type IV | Type IV |



READY | TRANSPARENT

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.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|-------------|-----|-------------|
| Type II + Type III | Transparent | - | Full Cutoff |
| Type II + Type IV | Transparent | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

| Colour Temperature | | 3,000K | | | | | | |
|--------------------|-------|--------|-------|-----|----|-------|-----|----|
| System* | | Back | | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,250 | 45 | 118 | 16 | 288 | 13 | 32 | 288 | 26 |
| 6,750 | 58 | 117 | 16 | 370 | 17 | 32 | 370 | 33 |
| 9,000 | 80 | 113 | 16 | 511 | 24 | 32 | 511 | 46 |
| 11,250 | 105 | 107 | 16 | 673 | 32 | 32 | 673 | 61 |

| Colour Temperature | | 4,000K | | | | | | |
|--------------------|-------|--------|-------|-----|----|-------|-----|----|
| System* | | Back | | | | Front | | |
| lm tot | W tot | lm/W | n LED | mA | W | n LED | mA | W |
| 5,250 | 42 | 126 | 16 | 270 | 12 | 32 | 270 | 24 |
| 6,750 | 53 | 126 | 16 | 346 | 16 | 32 | 346 | 31 |
| 9,000 | 73 | 123 | 16 | 474 | 22 | 32 | 474 | 43 |
| 11,250 | 95 | 118 | 16 | 620 | 29 | 32 | 620 | 56 |

- * The energy values in the table refer to LED module + driver.
- LED type: CSP Nichia
 - Power LEDs module on printed circuit board with metal core plate.
 - Internal heat sink in cast aluminium seamless with external frame.
 - Estimated life: 100,000 h L90B10.
 - Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
 - Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
 - Photobiological risk (EN62471): class RG0.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

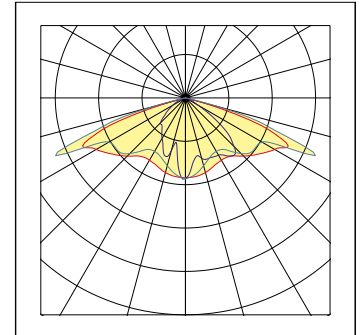
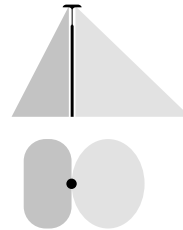
DALI + NCL (Digital control + Neri constant lumen)

NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

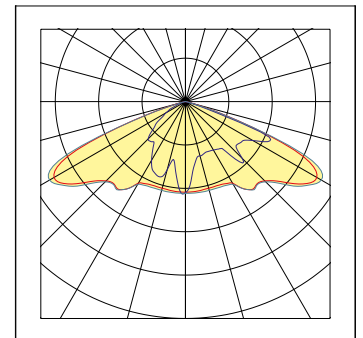
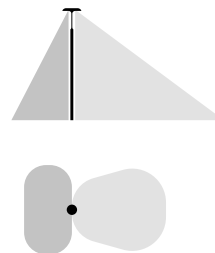
- NFC programmable electronic power supply with self-diagnostic functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

PHOTOMETRIC CURVES

| Back | Front |
|---------|----------|
| Type II | Type III |



| Back | Front |
|---------|---------|
| Type II | Type IV |



NERI

Lang
PNLANL

PRO

The 'Pro' version is fully customisable. The two sources can 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. Lumens output ranges from 1,500lm to 15,000lm.

| Lighting distribution | Screen | LOR | IES Class |
|-----------------------|--------|-----|-------------|
| Type V | - | - | Full Cutoff |
| Type II | - | - | Full Cutoff |
| Type III | - | - | Full Cutoff |
| Type IV | - | - | Full Cutoff |

- LOR: optical efficiency appliance due to the physical shielding.
- Modular 3 X 3 refractive lens in PMMA.
- High efficiency reflector in plastic material for flux recovery and glare reduction.
- Minimum installation height: 3m.
- Max installation height: over 15m.

LUMINOUS FLUX

- LED type: CSP Nichia
 - Power LEDs module on printed circuit board with metal core plate.
 - Internal heat sink in cast aluminium seamless with external frame.
 - Estimated life: 100,000 h L90B10.
 - Colour Rendering Index: CRI > 80 within the 5 ellipses of Mac Adam.
 - Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 2.78m from source.
 - Photobiological risk (EN62471): class RG0.
- * 7,500lm flux not available with white glass.

DRIVER FUNCTIONS

1-10V + NCL (Analogic control + Neri constant lumen)

AmpDim + NCL (Flux regulator + Neri constant lumen)

DALI + NCL (Digital control + Neri constant lumen)

NVL + NCL (autodimming -30% x 6h + Neri constant lumen)

- NFC programmable electronic power supply with self-diagnostic functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

Category: Performance

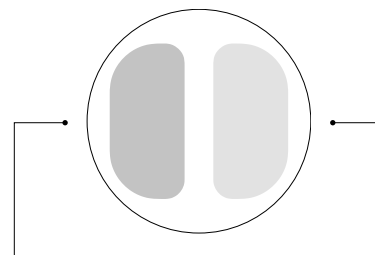
Screen: -

Version: Pro

Technical sheet

Rev. 00 - 2019/03/25

PHOTOMETRIC CURVES



GLASS

- ☐ Prismatic
- ☐ Transparent
- ☐ White

BACK

☐ No light

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

☐ No light

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

NERI

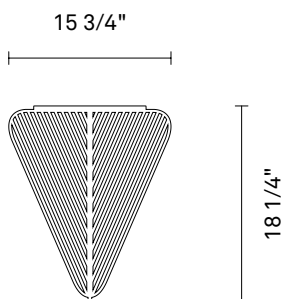
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Fixing: Post top
Source: LED-P

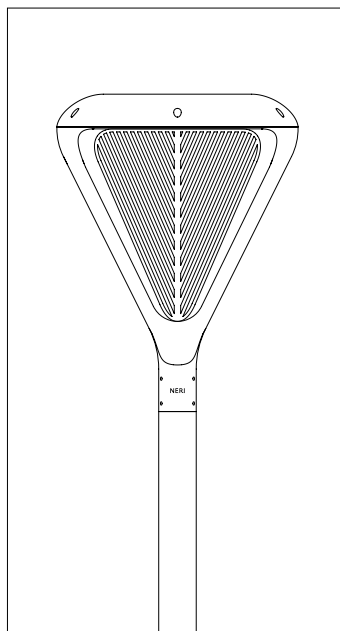
Technical sheet
Rev. 00 - 2019/03/25

THE BLADE:

The blade is an accessory made of laser cut aluminum that can be added to the luminaire. It lends itself to endless personalisation possibilities ranging from brand logos to city crests, from patterns to colors.



DRAWINGS



CUSTOMISATION:

The examples of Blade shown here are purely for illustrative and demo purposes. Blade projects have to be submitted to Neri Technical Department for feasibility study, approval and engineering before being produced.

