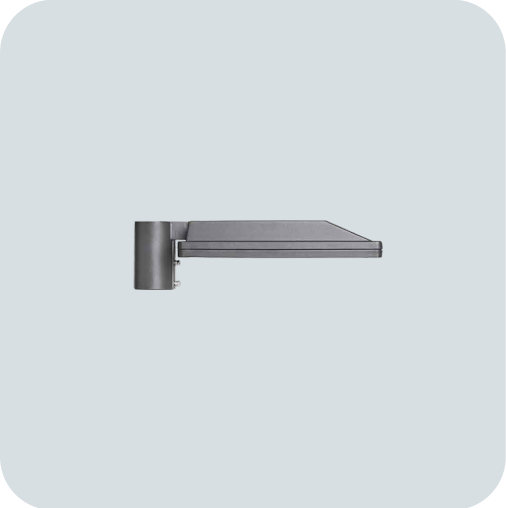
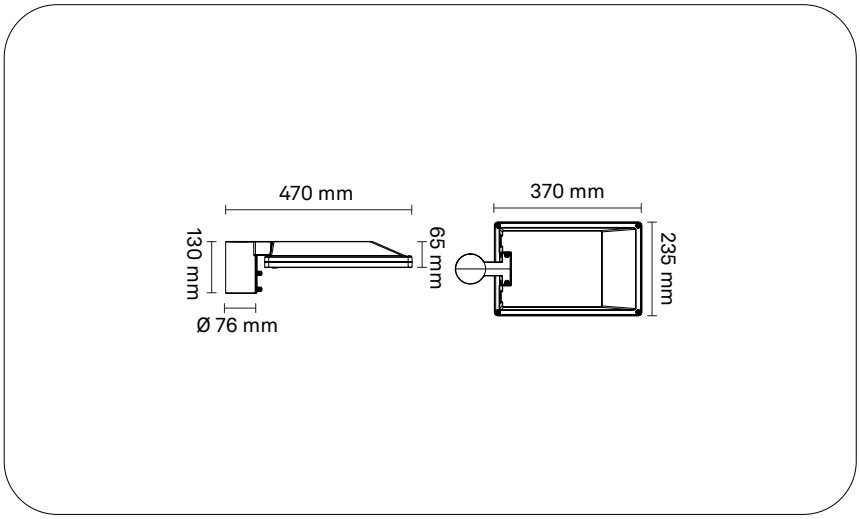
NERI

| | |
|---|---|
| Project location: | Fixture type: Qty: |
| Project name: | Notes: |

## PIXIS TOP | LUMINAIRE | PIXIS TOP PROJECTOR






IP66 IK10 Classe II

## ORDERING INFORMATION / GUIDE

Example**: LUPIX10-N-D61-830-L040-ST-V1-F06-M2-CN0**

| OPTIQUE | RA+K | LUMINOUS FLUX | SCREEN FINISH | POWER SUPPLY | DRIVER FUNCTION | ISO CLASS | FINISH |
|---|---|---|---|---|---|---|---|
| **D61** Spot | **827** Ra80 2700 K | **L040** 4000 lm | **ST** Transparent | **V1** 220V-240V | **F06** DALI+CLO | **M2** Class II | **CN0** Grey [Neri] Textured |
| **D63** Medium Wide Flood | **830** Ra80 3000 K | **L060** 6000 lm | | | **F44** D4i+CASAMBI | | |
| **D64** Wide Flood | **840** Ra80 4000 K | **L070** 7000 lm | | | **F50** NVLK+CLO | | |
| **D62** Flood | **8T2** Ra80 TW 2200-4000 K | | | | | | |

Generated code: **LUPIX10 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

**CONFIGURATION NOTES**
The product features shown in this datasheet cannot always be freely combined.
To verify the configurations actually available and define the corresponding product code, please use the configurator available on our website.

**ON REQUEST**
Non-standard variants and configurations available upon request. Please contact Neri for further information.


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## PIXIS TOP | LUMINAIRE | PIXIS TOP PROJECTOR

### SOURCE

High-power LED matrix.

**Energy-efficiency class:** E
**LED forward current:** 701-940 mA
**Power rating:** 31.7-64.8 W
**Nominal Flux:** 4000-7000 lm
**Nominal CCT (Colour temperature):** 2700 K, 3000 K, 4000 K, TW 2200-4000 K
**Color Rendering Index (Ra):** 80
**Standard Deviation Colour Matching:** ≤3, ≤5
**Rated lifetime:** L90B10 100000 h @ Tq = 25 °C

### LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

**Optique:** Spot, Medium Wide Flood, Wide Flood, Flood
**Optical efficiency:** LOR = 100% ULOR = 0%
**LED quantity:** 16, 24
**Cutoff Angle:** Cutoff C = 0° γ = 0, 1°
**Luminous flux:** 4000-7000 lm
**Luminous efficacy:** 98-113 lm/W
**Maximum luminous intensity γ 90°:** ≤0.1 cd/klm
**IPEA:** Road A++ / A4+, Urban A3+ / A5+, Ped A++ / A4+, Park A++ / A4+, Art A5+ / A7+
**BUG:** B=3-4, U=0-1, G=0
**Photobiological safety:** RG1 - Low risk

### ELECTRICAL CHARACTERISTICS

ENEC safety mark.

**Luminaire power:** 35.5-71.4 W
**Power supply:** 220V-240V~ 50/60Hz
**Power factor:** ≥0.99
**Insulation class:** Class II
**Control type - driver:** DALI+CLO, D4i+CASAMBI, NVLK+CLO
**Safe Flicker:** PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
**Ambient temperature:** -40 °C / +50 °C
**Driver included:** Yes
**Surge protection:** 10kV CM - 10kV DM, 10kV CM - 6kV DM

### MECHANICAL CHARACTERISTICS

Structure with a base and body made of die-cast aluminium (UNI EN 1706) and a lower frame openable for access to the auxiliary compartment.
Protective screen in extra-clear tempered glass with IK10 impact resistance (EN 62262) and diffusing plastic adhesive film (code 9565.620.267).
Integrated heat sink in die-cast aluminum, internal black reflector in PC, silicone gasket between lower frame and upper cover, and compartment prepared for additional surge protectors or remote control systems.
Stainless steel screws.

**Length:** 470 mm
**Width:** 235 mm
**Height:** 130 mm
**Weight:** 5.5 kg
**Wind-exposed area:** 0.04 m²
**Protection degree:** IP66
**Mechanical resistance:** IK10
**Finish:** Grey [Neri] Textured

### INSTALLATION

Pole-top mounting on Ø 60 mm tubes, external diameter Ø 76 mm.

### WARNINGS

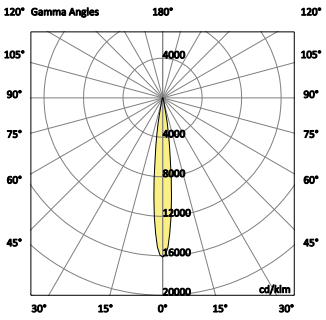
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.


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## PIXIS TOP | LUMINAIRE | PIXIS TOP PROJECTOR

**Optic:** Spot

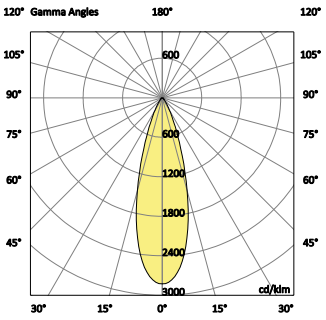
**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 12 | |
| 2 | 0.42 | 4030 |
| 4 | 0.84 | 1007 |
| 6 | 1.26 | 448 |
| 8 | 1.68 | 252 |
| 10 | 2.1 | 161 |

**Optic:** Medium Wide Flood

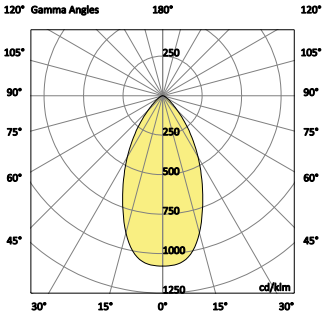
**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 31 | |
| 2 | 1.11 | 707 |
| 4 | 2.22 | 177 |
| 6 | 3.33 | 79 |
| 8 | 4.44 | 44 |
| 10 | 5.55 | 28 |

**Optic:** Wide Flood

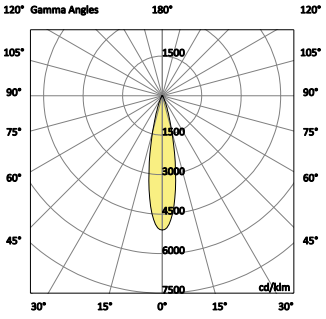
**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 53 | |
| 2 | 1.99 | 270 |
| 4 | 3.99 | 67 |
| 6 | 5.98 | 30 |
| 8 | 7.98 | 17 |
| 10 | 9.97 | 11 |

**Optic:** Flood

**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 22 | |
| 2 | 0.78 | 1275 |
| 4 | 1.56 | 319 |
| 6 | 2.33 | 142 |
| 8 | 3.11 | 80 |
| 10 | 3.89 | 51 |

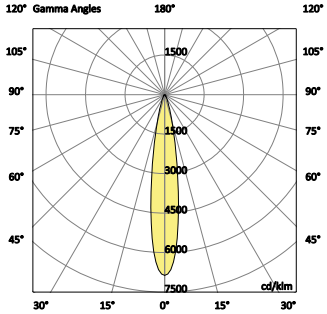

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## PIXIS TOP | LUMINAIRE | PIXIS TOP PROJECTOR

## TW 2200-4000 K

**Optic:** Spot

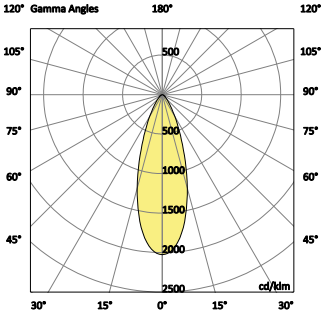
**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 12 | |
| 2 | 0.42 | 4030 |
| 4 | 0.84 | 1007 |
| 6 | 1.26 | 448 |
| 8 | 1.68 | 252 |
| 10 | 2.1 | 161 |

**Optic:** Medium Wide Flood

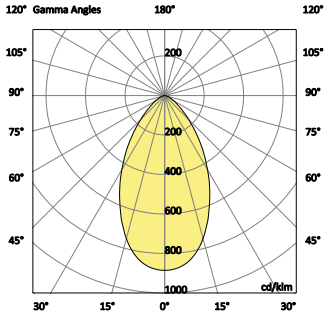
**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 31 | |
| 2 | 1.11 | 707 |
| 4 | 2.22 | 177 |
| 6 | 3.33 | 79 |
| 8 | 4.44 | 44 |
| 10 | 5.55 | 28 |

**Optic:** Wide Flood

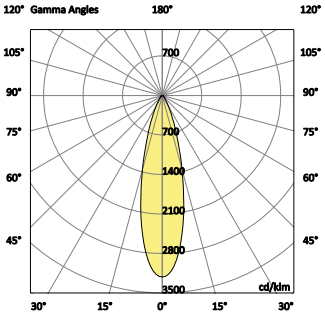
**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 53 | |
| 2 | 1.99 | 270 |
| 4 | 3.99 | 67 |
| 6 | 5.98 | 30 |
| 8 | 7.98 | 17 |
| 10 | 9.97 | 11 |

**Optic:** Flood

**Screen finish:** Transparent




| H [m] | D [m] | Emax [lx] |
|---|---|---|
| | 22 | |
| 2 | 0.78 | 1275 |
| 4 | 1.56 | 319 |
| 6 | 2.33 | 142 |
| 8 | 3.11 | 80 |
| 10 | 3.89 | 51 |


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## PIXIS TOP | LUMINAIRE | PIXIS TOP PROJECTOR

### **Optic:** Spot

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 4000 lm | 2700 K | 40.1 | 100 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 2700 K | 39.2 | 102 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 3000 K | 39.6 | 101 | 16 | 763 | 34.7 | 115 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 3000 K | 38.7 | 103 | 16 | 763 | 34.7 | 115 | A3+ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 4000 K | 36.4 | 110 | 16 | 701 | 31.7 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 4000 lm | 4000 K | 35.5 | 113 | 16 | 701 | 31.7 | 126 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 7000 lm | 2700 K | 71.4 | 98 | 24 | 940 | 64.8 | 108 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 3000 K | 70.5 | 99 | 24 | 927 | 63.9 | 110 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 4000 K | 64.6 | 108 | 24 | 850 | 58.3 | 120 | A3+ | A4+ | A3+ | A3+ | A7+ |

### **Optic:** Medium Wide Flood

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 4000 lm | 2700 K | 40.1 | 100 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 2700 K | 39.2 | 102 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 3000 K | 39.6 | 101 | 16 | 763 | 34.7 | 115 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 3000 K | 38.7 | 103 | 16 | 763 | 34.7 | 115 | A3+ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 4000 K | 36.4 | 110 | 16 | 701 | 31.7 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 4000 lm | 4000 K | 35.5 | 113 | 16 | 701 | 31.7 | 126 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 7000 lm | 2700 K | 71.4 | 98 | 24 | 940 | 64.8 | 108 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 3000 K | 70.5 | 99 | 24 | 927 | 63.9 | 110 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 4000 K | 64.6 | 108 | 24 | 850 | 58.3 | 120 | A3+ | A4+ | A3+ | A3+ | A7+ |

### **Optic:** Wide Flood

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 4000 lm | 2700 K | 40.1 | 100 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 2700 K | 39.2 | 102 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 3000 K | 39.6 | 101 | 16 | 763 | 34.7 | 115 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 3000 K | 38.7 | 103 | 16 | 763 | 34.7 | 115 | A3+ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 4000 K | 36.4 | 110 | 16 | 701 | 31.7 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 4000 lm | 4000 K | 35.5 | 113 | 16 | 701 | 31.7 | 126 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 7000 lm | 2700 K | 71.4 | 98 | 24 | 940 | 64.8 | 108 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 3000 K | 70.5 | 99 | 24 | 927 | 63.9 | 110 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 4000 K | 64.6 | 108 | 24 | 850 | 58.3 | 120 | A3+ | A4+ | A3+ | A3+ | A7+ |

### **Optic:** Flood

### **Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 4000 lm | 2700 K | 40.1 | 100 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 2700 K | 39.2 | 102 | 16 | 773 | 35.1 | 114 | A++ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 3000 K | 39.6 | 101 | 16 | 763 | 34.7 | 115 | A++ | A3+ | A++ | A++ | A5+ |
| 4000 lm | 3000 K | 38.7 | 103 | 16 | 763 | 34.7 | 115 | A3+ | A3+ | A++ | A++ | A6+ |
| 4000 lm | 4000 K | 36.4 | 110 | 16 | 701 | 31.7 | 126 | A4+ | A4+ | A3+ | A3+ | A7+ |
| 4000 lm | 4000 K | 35.5 | 113 | 16 | 701 | 31.7 | 126 | A4+ | A5+ | A4+ | A4+ | A7+ |
| 7000 lm | 2700 K | 71.4 | 98 | 24 | 940 | 64.8 | 108 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 3000 K | 70.5 | 99 | 24 | 927 | 63.9 | 110 | A++ | A3+ | A+ | A+ | A5+ |
| 7000 lm | 4000 K | 64.6 | 108 | 24 | 850 | 58.3 | 120 | A3+ | A4+ | A3+ | A3+ | A7+ |


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## PIXIS TOP | LUMINAIRE | PIXIS TOP PROJECTOR

### TW 2200-4000 K

**Optic:** Spot

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 4000 K | 58 | 103 | 24 | 753 | 51.8 | 116 | A3+ | A3+ | A++ | A++ | A6+ |

**Optic:** Medium Wide Flood

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 4000 K | 58 | 103 | 24 | 753 | 51.8 | 116 | A3+ | A3+ | A++ | A++ | A6+ |

**Optic:** Wide Flood

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 4000 K | 58 | 103 | 24 | 753 | 51.8 | 116 | A3+ | A3+ | A++ | A++ | A6+ |

**Optic:** Flood

**Screen finish:** Transparent

| System | | | | | Source | | | IPEA | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Luminous Flux** | **Nominal CCT** | **W** | **lm/W** | **n° led** | **mA** | **W** | **lm/W** | **Road** | **Urban** | **Ped** | **Park** | **Art** |
| 6000 lm | 4000 K | 58 | 103 | 24 | 753 | 51.8 | 116 | A3+ | A3+ | A++ | A++ | A6+ |


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