











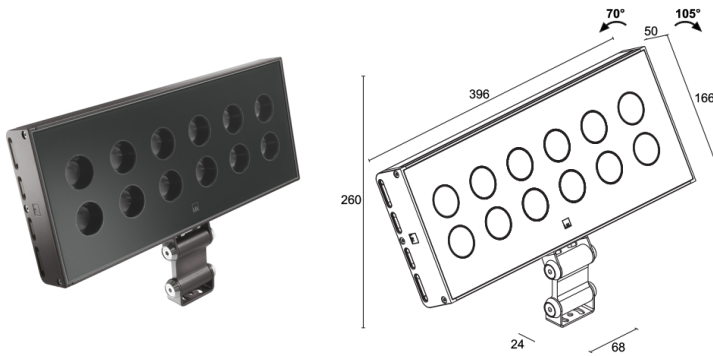


Made in Italy

 **Duomo 4.0, code: DU40100D0150XH**  
Projectors for outdoor applications






 kg 3,50
 






 70°  
 105°



## DESCRIPTION

projector for outdoor applications; surface mounted (ceiling, wall, floor); Power consumption: 56W; Power supply: 230Vac; Lumen output at source: 5280 lm (3000K, CRI 80); Delivered lumen output: 4284 lm (3000K, 30°, CRI 80); 12 power LEDs High Intensity, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 44°x18°: optical system consisting of 12 high-efficiency, deep-set elliptical TIR lenses combined with a high-quality technical filter; CRI Colour Rendering Index: 80; Body material: body and bracket made of low-copper-content Anticorodal® aluminium alloy EN AW 6060 T5 for excellent resistance to corrosion. Body and bracket made by an extrusion process and subsequently finished on a CNC lathe; Finishes: anthracite finish obtained through an initial treatment with a ceramic nanoparticle coating, to prepare for painting, followed by a coat of epoxy paint and one of polyester paint to provide corrosion resistance of more than 1000 hours of salt spray; RAL finish on request; Screen material: 4-mm-thick transparent extra-clear glass with vitrified serigraphy, high transmittance to ensure chromatic uniformity of light and tempered for excellent resistance to knocks and scratches. Serigraphy in the same shade as the body of the fixture; Seals: the silicone rubber gaskets guarantee maximum resistance to UV rays and unchanging mechanical characteristics over time; Installation: product complete with IP68 connector and built-in PID system. Compatible with cables with minimum cross-section 2x1 and cable Ø min. 7 mm max. 12 mm. Simplified connection for quick, effective installation. Duomo's adjustable bracket means the fixture can be cantilevered from cornices or other architectural elements. Body can be tilted along the vertical axis by ± 20°; built-in power supply unit; Control system: PUSH, DALI-2; Ingress protection: IP65; Impact resistance: IK06; Fast installation: direct connection between fixture and mains power supply; available on request with adapter for Eurostandard track and in 0/1-10V version, or with Bluetooth control; Protection systems: The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; Operating temperature: -20°C — +45°C; Glow wire test: 960°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class II; Weight: 3500 g; Dimensions: 396x166x50 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: honeycomb louvre, WFA01 4-pin male connector, WMA00H Adjustable bracket, WMA06H Fixing bracket; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

### ELECTRICAL CHARACTERISTICS

|                   |                            |
|-------------------|----------------------------|
| Power consumption | 56W                        |
| Power supply      | 230Vac                     |
| Power supply unit | built-in power supply unit |
| Control system    | PUSH, DALI-2               |

### LIGHTING CHARACTERISTICS

|                            |                              |
|----------------------------|------------------------------|
| Number and type of LED     | 12 power LEDs High Intensity |
| Average LED life           | 50 000h L90 B10 (Ta 25°C)    |
| LED colour                 | 3000K                        |
| CRI Colour Rendering Index | 80                           |
| Binning                    | 3-step MacAdam               |
| Optics                     | 44°x18°                      |
| Lumen output at source     | 5280 lm (3000K, CRI 80)      |
| Delivered lumen output     | 4284 lm (3000K, 30°, CRI 80) |

### MECHANICAL CHARACTERISTICS

|                 |  |
|-----------------|--|
| Dimensions      | 396x166x50 mm                                      |
| Weight          | 3500 g   |
| Finishes        | anthracite   |
| Mounting        | with screws and plugs                              |
| Body material   | body and arm in Anticorodal aluminium              |
| Screen material | screen in serigraphed, tempered, extra-clear glass |

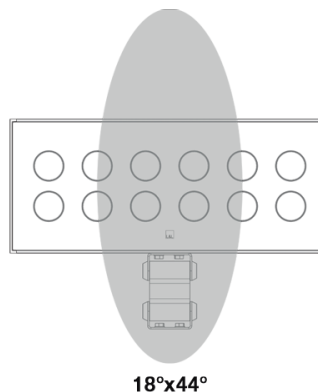
### GENERAL CHARACTERISTICS

|                         |  |
|-------------------------|--|
| Ingress protection      | IP65   |
| Operating temperature   | -20°C — +45°C  |
| Impact resistance       | IK06   |
| Features                | Fast installation: direct connection between fixture and mains power supply                                |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015   |
| Glow wire test          | 960°C  |
| Appliance class         | class II   |
| Walkover                | no   |
| Drive-over              | no   |
| Protection systems      | PID (Protective Impedance Device)  |
| Photobiological safety  | photobiological safety: risk group 1 according to EN 62471:2006  |
| Notes                   | available on request with adapter for Eurostandard track and in 0/1-10V version, or with Bluetooth control |

## PHOTOMETRIC DATA

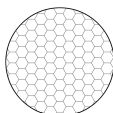
**X** - 44°x18° CRI 80

| H (m) | Ø (m) |       | Lux max (3000K) | cd/Klm max 3360 | — C0 - C180<br>— C90 - C270 |
|-------|-------|-------|-----------------|-----------------|-----------------------------|
|       | Ø (m) | Ø (m) |                 |                 |                             |
| 2,00  | 1,61  | 0,62  | 3300            |                 |                             |
| 4,00  | 3,23  | 1,23  | 825             |                 |                             |
| 6,00  | 4,84  | 1,85  | 367             |                 |                             |
| 8,00  | 6,46  | 2,47  | 206             |                 |                             |
| 10,00 | 8,07  | 3,08  | 132             |                 |                             |



## ACCESSORIES

### Anti-glare



### honeycomb louvre

built into the lighting fixture

Not compatible with 10° optics

Add the optical accessory in the code generator

### Other



#### WFA01

4-pin male connector

for in/out connection

IP68

Ø23x50 mm



#### WMA00H

Adjustable bracket

anthracite



#### WMA06H

Fixing bracket

anthracite

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.