

mizar

Lighting Your Way

Coming  
Soon  
Products 2024

## A new idea of light

MIZAR is excited to present you with its latest creations, carefully designed to offer refined lighting solutions and elegant materials that blend in perfectly with applications such as villas and gardens.




Inside this brochure, you will find a range featuring new types of installation, designed to adapt to the specific needs of your project, guaranteeing the correct distribution of light and allowing you to create emotional atmospheres.

In addition, we are proud to present our experiments with innovative materials, which offer not only superior performance but also impressive aesthetics.



**mizar**  
Lighting Your Way

| INGROUNDS   |   | BOLLARDS  |
|---|---|---|
|  |  |  |
| OCEANO<br>new material  | ACUS 1.3  | LUCIS<br>BOLLARD  |

| FLOODLIGHTS  |  |  |
|--|--|--|
|  |  |  |
| IRIS   | QUANTUM<br>FLOOD   | FLUMEN   |

| WALL RECESSED   | CEILING MOUNTED   |
|---|---|
|  |  |
| OCEANO<br>WALL  | QUANTUM<br>CEILING  |



# OCEANO new material

## OUTDOOR INGROUND WITH SPECIAL RESIN FRAME WOOD-LIKE

OCEANO 2.0 and 3.0 now available with an new exclusive frame material. This special resin makes the product incredibly suitable for installation on wooden surfaces.

Wall recessed luminaire, suitable for outdoor use and immersed up to 10m (IP66/IP68), with range operating temperature range: -20°C / +50°C.

To offer maximum versatility of application the body can be made of aluminium or steel; the round frame in aluminium, steel or brass. The light source consists of a single chip 3W power LED supplied at 24V constant voltage with integrated driver.

The luminous flux from 120 lm to 153 lm makes them ideal for marking out walkways, stairs or for step lighting application.

The source is recessed for greater visual comfort.

The light colour temperature is available variants: 2700K, 3000K, 4000K with CRI > 90.

OCEANO 2.0 and 3.0 are equipped with the IdroSkud® system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration.

Optionals for anti-glare (honeycomb or louvre) and installation accessories are provided (waterproof formwork and plasterboard spring).

The lenght of power cable is 0.4m; on request: 1.5m, 5m, 10m, 15m.



OCEANO  
2.0

OCEANO  
3.0

|                              |   |
|------------------------------|---|
| <b>power</b>                 | 2W and 3W   |
| <b>power supply</b>          | 24V constant voltage  |
| <b>insulation class</b>      | III class   |
| <b>IP rating</b>             | IP66 / IP68   |
| <b>operating temperature</b> | -20°C / +50°C   |
| <b>size</b>                  | Ø 40 x 76 and Ø 60 x 93 mm  |
| <b>lumen output</b>          | up to 120 lm (2.0) and up to 153 lm (3.0)                           |
| <b>beam angles</b>           | 10° - 36° - 60° - 10°x53° (2.0),<br>15° - 25° - 40° - 20°x43° (3.0) |
| <b>CCT</b>                   | 2700K - 3000K - 4000K   |
| <b>CRI</b>                   | > 90  |
| <b>BIN selection</b>         | 2 Step MacAdam  |

|                              |  |
|------------------------------|--|
| <b>lifetime</b>              | L80 B10 50.000 h   |
| <b>body materials</b>        | - anticorodal 6082 anodized 20µ aluminium<br>- 316L stainless steel  |
| <b>frame materials</b>       | technopolymer  |
| <b>screen</b>                | tempered extra-clear glass - 6 mm (2.0),<br>tempered extra-clear glass - 8 mm (3.0)                                  |
| <b>installation</b>          | with outer case / plasterboard spring  |
| <b>electrical connection</b> | parallel   |
| <b>protection system</b>     | IdroSkud® System<br>- polarity reversal protection<br>- voltage spikes protection<br>- water infiltration protection |
| <b>made in</b>               | ITALIA   |





# ACUS 1.3

## WALK-OVER AND DRIVE-OVER OUTDOOR INGROUNDS



A new version is added to the ACUS series, now available in an RGBW version with DMX control. Inground luminaire, drive-over, suitable for outdoor use, with an operating temperature range of -20°C / +50°C.

To reduce weight and ensure resistance to wear, the body is made of aluminium and the round ring nut of steel.

The light source consists of multi-chip SMD LEDs supplied with constant current, for a maximum power of 13W.

The luminous flux with mixable colors makes it ideal for marking pedestrian path or illuminating façades and architectural details thanks to the color mixing optics with different beam angles: 14°, 30°, 45°.

The source is recessed for greater visual comfort.

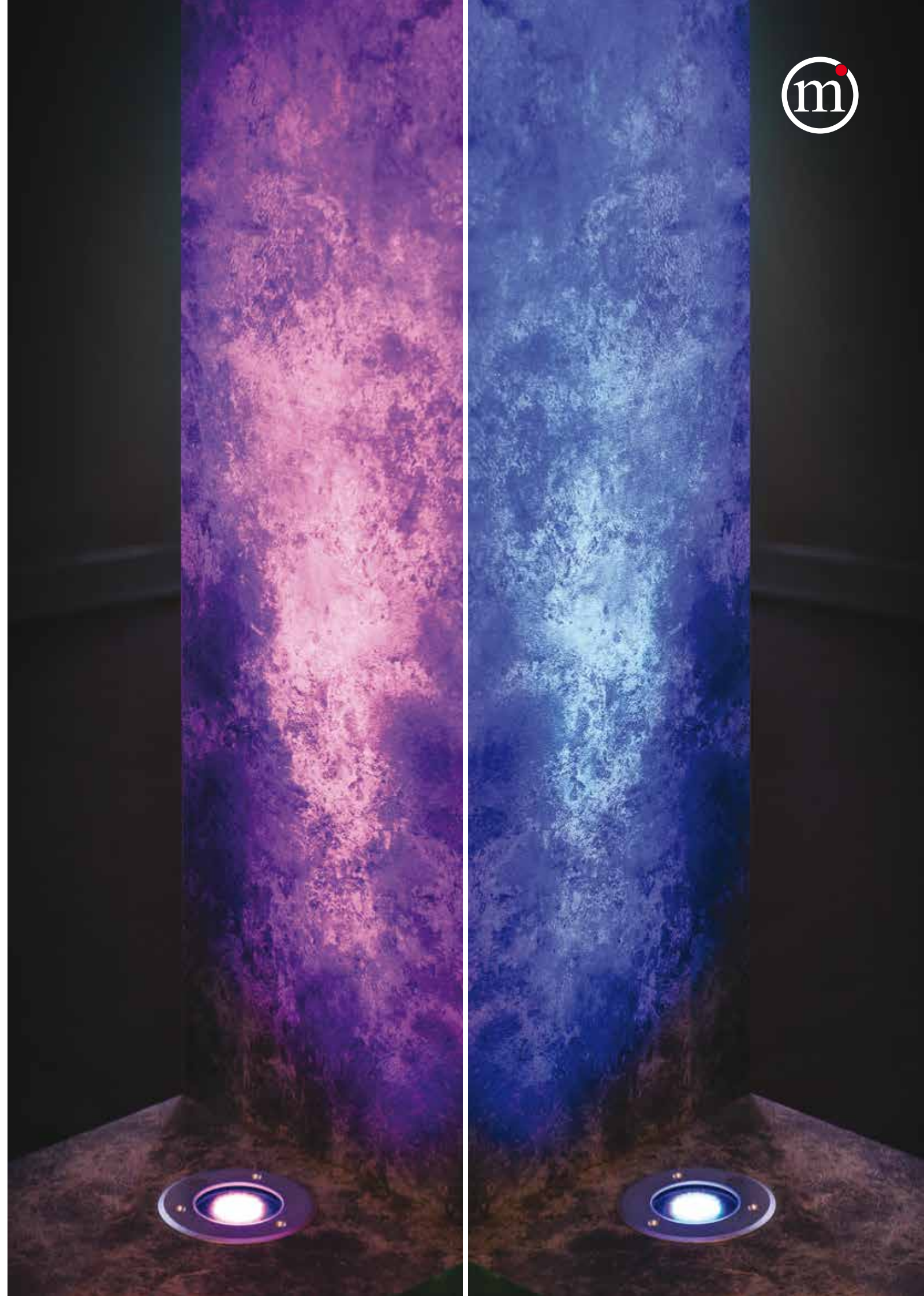
The white LED source color temperature is: 4000K.

Acus series is equipped with the IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. Options for anti-glare (honeycomb and louvre) and installation accessories (drive-over outer case) are provided.

|                              |                        |
|------------------------------|------------------------|
| <b>power</b>                 | 13W*                   |
| <b>power supply</b>          | 700mA constant current |
| <b>insulation class</b>      | III class              |
| <b>IP rating</b>             | IP66 / IP67            |
| <b>IK rating</b>             | IK10                   |
| <b>operating temperature</b> | -20°C / +50°C          |
| <b>size</b>                  | Ø 140 x 65 mm          |
| <b>effective flux</b>        | 900 lm*                |
| <b>optics</b>                | TIR lens               |
| <b>beam angles</b>           | 14° - 30° - 45°        |
| <b>CCT</b>                   | RGBW (4000K)           |
| <b>CRI</b>                   | > 90                   |
| <b>BIN selection</b>         | 3 Step MacAdam         |

|                              |  |
|------------------------------|--|
| <b>lifetime</b>              | L80 B10 50.000 h   |
| <b>body materials</b>        | anticorodal 6082 black anodized aluminium  |
| <b>frame materials</b>       | electropolished shot peened 316L stainless steel   |
| <b>screen</b>                | tempered extra-clear glass 12 mm thick   |
| <b>installation</b>          | with outer case  |
| <b>power cable</b>           | connection via quick connector supplied  |
| <b>electrical connection</b> | serial connection  |
| <b>protection system</b>     | IdroSkud® System<br>_ polarity reversal protection<br>_ voltage spikes protection<br>_ water infiltration protection |
| <b>made in</b>               | ITALIA   |

\* Technical data estimated from the prototypes

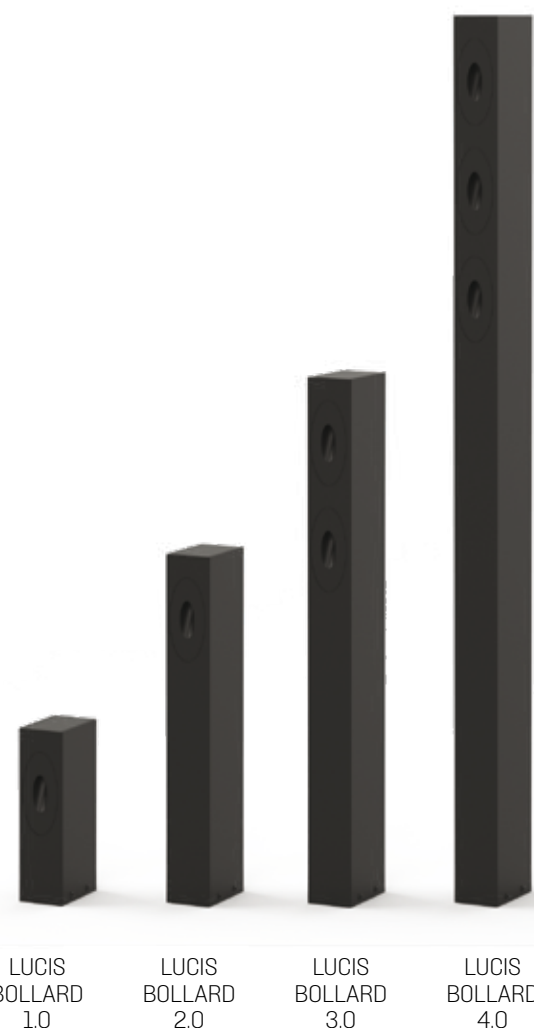




# LUCIS BOLLARD

## OUTDOOR BOLLARD

The LUCIS series expands, with the addition of four bollards with a coordinated design with the existing step lights. Outdoor bollards, suitable for outdoor use (IP66/IP67), with a wide operating temperature range: -20°C / +50°C. The body is made of aluminium protected by an epoxy polyester paint that guarantees a corrosion resistance of 1500 hours in salt spray. Four finishes are available: white RAL9003, black RAL9005, anthracite RAL7016 and CORTEN. The light source consists of a single 2W power LED chip powered at 24V constant voltage with integrated driver. Two LED sources in 3.0 version, and three LED sources in 4.0. The optic consist of a oval opening for a circular diffuse light beam oriented towards the floor. The luminous flux from 25 lm of 1.0 and 2.0 make them ideal as a marker light for footpaths or stairways. Versions 3.0 and 4.0 with a flux up to 75 lm and higher body, make them ideal to light up pathways or gardens. Light colour temperature available in variants: 2700K, 3000K, 4000K with CRI > 90. Lucis series is equipped with the IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water ingress.



|                              |  |
|------------------------------|--|
| <b>power</b>                 | 2W / 4W / 6W   |
| <b>power supply</b>          | 220Vac integrated power supply                                     |
| <b>insulation class</b>      | II class   |
| <b>IP rating</b>             | IP66 / IP67  |
| <b>IK rating</b>             | IK 10  |
| <b>operating temperature</b> | -20°C / +50°C  |
| <b>size</b>                  | 90 x 55 x 200 / 400 / 600 / 1000 mm                                |
| <b>lumen output</b>          | up to 25 lm (1.0 and 2.0),<br>up to 50 lm (3.0), up to 75 lm (4.0) |
| <b>beam angles</b>           | diffused   |
| <b>CCT</b>                   | 2700K - 3000K - 4000K  |
| <b>CRI</b>                   | > 90   |
| <b>BIN selection</b>         | 3 Step MacAdam   |
| <b>lifetime</b>              | L80 B10 50.000 h   |

|                              |   |
|------------------------------|---|
| <b>body materials</b>        | aluminium anticorodal 6082  |
| <b>finishing</b>             | first coat with protective primer followed by epoxy polyester for corrosion resistance guaranteeing 1500h in salt spray |
| <b>colours</b>               | - white RAL9003<br>- black RAL9005<br>- anthracite RAL7016<br>- CORTEN  |
| <b>power cable</b>           | 0,4 m FR5FOEM7 - AD8 2X0.5 mm <sup>2</sup>  |
| <b>electrical connection</b> | to power line   |
| <b>protection system</b>     | IdroSkud® System<br>_ polarity reversal protection<br>_ voltage spikes protection<br>_ water infiltration protection    |
| <b>made in</b>               | ITALIA  |





# IRIS

## OUTDOOR FLOODLIGHT

Mizar launch the new versions of aluminum floodlight, painted. Making them even more easily camouflaged in vegetation. Projector suitable for outdoor use and underwater up to 10m (IP66/IP68) with an operating temperature range of -20°C / +50°C. The body is made of aluminium protected by an epoxy polyester paint that guarantees a corrosion resistance of 1500 hours in salt spray. Four finishes are available: the new green RAL6009. The brackets are made in steel and allows the fixture's tilting to be adjusted. The light source consists of a single chip power LED (1W and 2W) supplied at 24V constant voltage with integrated driver. The luminous flux from 53 lm to 120 lm make them ideal for illuminating architectural details, garden plants or water features, thanks to different beam angles. The source is recessed for greater visual comfort. The light colour temperature is available variants: 2700K, 3000K, 4000K with CRI > 90. All IRIS are equipped with the IdroSkud® system for the protection of electronic components against voltage spikes, reverse polarity and water ingress. There are optionals for anti-glare (honeycom) and installation in the ground are provided (spike). The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.



|                              |   |
|------------------------------|---|
| <b>power</b>                 | 1W / 2W   |
| <b>power supply</b>          | 24V constant voltage  |
| <b>insulation class</b>      | III class   |
| <b>IP rating</b>             | IP66 / IP68   |
| <b>IK rating</b>             | IK 07 / IK 09   |
| <b>operating temperature</b> | -20°C / +50°C   |
| <b>size</b>                  | Ø 23 x 44 x 46,5 mm<br>Ø 30 x 76 x 62 mm                                  |
| <b>lumen output</b>          | up to 53 lm (size 1),<br>up to 120 lm (size 2)                            |
| <b>beam angles</b>           | 15° - 25° - 40° - 20°x43° (size 1),<br>10° - 36° - 60° - 10°x53° (size 2) |
| <b>CCT</b>                   | 2700K - 3000K - 4000K   |

|                              |  |
|------------------------------|--|
| <b>CRI</b>                   | > 90   |
| <b>BIN selection</b>         | 2 Step MacAdam   |
| <b>lifetime</b>              | L80 B10 50.000 h   |
| <b>body materials</b>        | anticorodal 6082 anodized 20µ aluminium  |
| <b>finishing</b>             | first coat with protective primer followed<br>by epoxy polyester for corrosion resistance                            |
| <b>colour</b>                | green RAL 6009   |
| <b>screen</b>                | tempered extra-clear glass<br>- 4 mm / 6 mm  |
| <b>electrical connection</b> | parallel   |
| <b>protection system</b>     | IdroSkud® System<br>_ polarity reversal protection<br>_ voltage spikes protection<br>_ water infiltration protection |
| <b>made in</b>               | ITALIA   |



# QUANTUM FLOOD

## OUTDOOR FLOODLIGHT



QUANTUM FLOOD 1



QUANTUM FLOOD 2

The QUANTUM series is enriched with a range of floodlights, which maintain the family feeling, expanding the types of applications. Floodlights suitable for outdoor use (IP65) with an operating temperature range of -20°C / +50°C.

The body is made of aluminium protected by an epoxy polyester paint that guarantees a corrosion resistance of 1500 hours in salt spray.

Four finishes are available: white RAL9003, black RAL9005, anthracite RAL7016, CORTEN.



The light source consists of a single chip power LED (3W or 7W) powered by 220Vac (integrated power supply).

The luminous flux from 125 lm to 316 lm make them ideal as a light for illuminating facades and architectural details.

The light colour temperature is available variants: 2700K, 3000K, 4000K with CRI > 90.

Optionals for anti-glare (honeycom) and installation in the ground are provided (spike).

|                              |  |
|------------------------------|--|
| <b>power</b>                 | 3W and 7W*   |
| <b>power supply</b>          | 220Vac integrated power supply   |
| <b>insulation class</b>      | II class   |
| <b>IP rating</b>             | IP65   |
| <b>IK rating</b>             | IK 06  |
| <b>operating temperature</b> | -20°C / +50°C  |
| <b>size</b>                  | Ø 54 x 120 mm and Ø 78 x 178 mm  |
| <b>lumen output</b>          | up to 227 lm (size 1) and 410 lm (size 2)*                               |
| <b>beam angles</b>           | 15° - 25° - 40° - 20°x43° (size 1),<br>5° - 20° - 60° - 15°x60° (size 2) |
| <b>CCT</b>                   | 2700K - 3000K - 4000K  |
| <b>CRI</b>                   | > 90   |
| <b>BIN selection</b>         | 2 Step MacAdam   |

|                              |  |
|------------------------------|--|
| <b>lifetime</b>              | L80 B10 50.000 h   |
| <b>body materials</b>        | EN AB46100 die-cast aluminum   |
| <b>finishing</b>             | first coat with protective primer followed by epoxy polyester for corrosion resistance   |
| <b>colours</b>               | - white RAL9003<br>- black RAL9005<br>- anthracite RAL7016<br>- CORTEN<br>- paintable primer   |
| <b>screen</b>                | tempered extra-clear glass<br>- 6 mm black silkprinted   |
| <b>electrical connection</b> | to power line  |
| <b>made in</b>               | ITALIA   |

\* Technical data estimated from the prototypes





# FLUMEN

## OUTDOOR FLOODLIGHT



FLUMEN 1



FLUMEN 2



FLUMEN 3

Floodlights suitable for outdoor use (IP66/IP68) with an operating temperature range of -20°C / +50°C.

The body is made of aluminium protected by an epoxy polyester paint that guarantees a corrosion resistance of 1500 hours in salt spray.

Four finishes are available: white RAL9003, black RAL9005, anthracite RAL7016, CORTEN, and the new green RAL6009.

The brackets are made in steel and allows the fixture's tilting to be adjusted.

The light source consists of a single chip power LED, from 3W to 11W, supplied at 24V constant voltage with integrated driver.

The luminous flux from 190 lm to 450 lm make them ideal for illuminating architectural details, garden plants or water features, thanks to different beam angles.

The source is recessed for greater visual comfort.



The light colour temperature is available variants: 2700K, 3000K, 4000K with CRI > 90.

All FLUMEN are equipped with the IdroSkud® system for the protection of electronic components against voltage spikes, reverse polarity and water ingress.

There are optionals for anti-glare (honeycom) and installation in the ground are provided (spike).

The power cable length is 0.4m; on request: 1.5m, 5m, 10m, 15m.

|                              |   |
|------------------------------|---|
| <b>power</b>                 | 3W / 6W / 11W*  |
| <b>power supply</b>          | 24V constant voltage  |
| <b>insulation class</b>      | III class   |
| <b>IP rating</b>             | IP66 / IP68   |
| <b>IK rating</b>             | IK 09   |
| <b>operating temperature</b> | -20°C / +50°C   |
| <b>size</b>                  | Ø 42 x 75 mm<br>Ø 62 x 85 mm<br>Ø 87 x 115 mm   |
| <b>lumen output</b>          | up to 190 lm (size 1), up to 250 lm (size 2),<br>up to 450 lm (size 3)*   |
| <b>beam angles</b>           | 10° - 36° - 60° - 10°x53° (size 1),<br>10° - 25° - 40° - 10°x45° (size 2),<br>5° - 20° - 60° - 15°x60° (size 3) |
| <b>CCT</b>                   | 2700K - 3000K - 4000K   |
| <b>CRI</b>                   | > 90  |
| <b>BIN selection</b>         | 2 Step MacAdam  |

|                              |  |
|------------------------------|--|
| <b>lifetime</b>              | L80 B10 50.000 h   |
| <b>body materials</b>        | anticorodal 6082 anodized 20µ aluminium  |
| <b>finishing</b>             | first coat with protective primer followed<br>by epoxy polyester for corrosion resistance  |
| <b>colours</b>               | - white RAL9003<br>- black RAL9005<br>- anthracite RAL7016<br>- Corten<br>- green RAL6009  |
| <b>screen</b>                | tempered extra-clear glass<br>- 4 mm / 6 mm / 8 mm   |
| <b>electrical connection</b> | parallel   |
| <b>protection system</b>     | IdroSkud® System<br>- polarity reversal protection<br>- voltage spikes protection<br>- water infiltration protection   |
| <b>made in</b>               | ITALIA   |

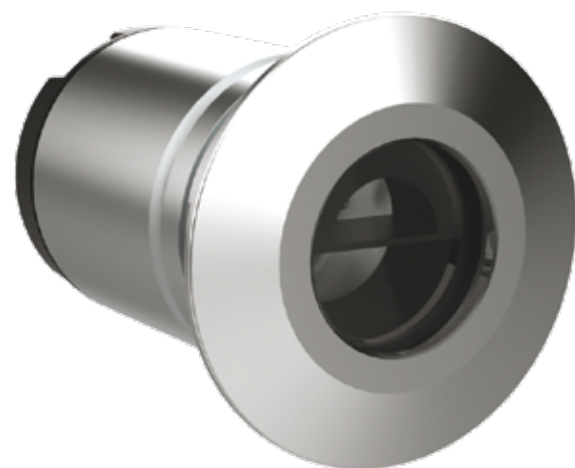
\* Technical data estimated from the prototypes





# OCEANO 3.0 WALL

## OUTDOOR WALL RECESSED



alluminio

acciaio

ottone



OCEANO 3.0 now is suitable for wall recessed mounting too. Paired with the asymmetric louvre optional, the luminaire becomes a perfect path marker.

Wall recessed luminaire, suitable for outdoor use and immersed up to 10m (IP66/IP68), with range operating temperature range: -20°C / +50°C.

To offer maximum versatility of application the body can be made of aluminium or steel; the round frame in aluminium, steel or brass.

The light source consists of a single chip 3W power LED supplied at 24V constant voltage with integrated driver.

The luminous flux of 153 lm (3000K) makes it ideal for marking out walkways, stairs or for step lighting application.

The source is recessed for greater visual comfort.



The light colour temperature is available variants: 2700K, 3000K, 4000K with CRI > 90.

Oceano 3.0 is equipped with the IdroSkud® system for the protection of electronic components against voltage spikes, polarity reversal and water infiltration.

Installation accessories are provided (waterproof formwork and plasterboard spring).

The length of power cable is 0.4m; on request: 1.5m, 5m, 10m, 15m.

|                              |                            |
|------------------------------|----------------------------|
| <b>power</b>                 | 3W - single chip Power Led |
| <b>power supply</b>          | 24V constant voltage       |
| <b>insulation class</b>      | III class                  |
| <b>IP rating</b>             | IP66 / IP68                |
| <b>IK rating</b>             | IK 10                      |
| <b>operating temperature</b> | -20°C / +50°C              |
| <b>size</b>                  | Ø 29 x 44 mm               |
| <b>lumen output</b>          | up to 153 lm (3000K)       |
| <b>beam angles</b>           | circular 40°               |
| <b>CCT</b>                   | 2700K - 3000K - 4000K      |
| <b>CRI</b>                   | > 90                       |
| <b>BIN selection</b>         | 2 Step MacAdam             |

|                              |  |
|------------------------------|--|
| <b>lifetime</b>              | L80 B10 50.000 h   |
| <b>body materials</b>        | - anticorodal 6082 anodized 20µ aluminium<br>- 316L stainless steel  |
| <b>frame materials</b>       | - anticorodal 6082 anodized 20µ aluminium<br>- 316L stainless steel<br>- brass   |
| <b>screen</b>                | tempered extra-clear glass - 8 mm  |
| <b>installation</b>          | with outer case / plasterboard spring  |
| <b>electrical connection</b> | parallel   |
| <b>protection system</b>     | IdroSkud® System<br>- polarity reversal protection<br>- voltage spikes protection<br>- water infiltration protection   |
| <b>made in</b>               | ITALIA   |

# QUANTUM CEILING

## OUTDOOR CEILING MOUNTED



QUANTUM CEILING 1



QUANTUM CEILING 2

The QUANTUM series is enriched with a range of ceiling mounted luminaires, which maintain the family feeling, expanding the types of applications.

Ceiling mounted fixture, suitable for outdoor use (IP65) with an operating temperature range of -20°C / +50°C.

The body is made of aluminium protected by an epoxy polyester paint that guarantees a corrosion resistance of 1500 hours in salt spray.

Four finishes are available: white RAL9003, black RAL9005, anthracite RAL7016, CORTEN.

The light source consists of a single chip power LED (3W or 7W) powered by 220Vac (integrated power supply).



The luminous flux from 125 lm to 316 lm make them ideal to light up terraces, balconies or porches.

The light colour temperature is available variants: 2700K, 3000K, 4000K with CRI > 90.

Optionals for anti-glare (honeycom) are provided.



|                              |  |
|------------------------------|--|
| <b>power</b>                 | 3W and 7W*   |
| <b>power supply</b>          | 220Vac integrated power supply   |
| <b>insulation class</b>      | II class   |
| <b>IP rating</b>             | IP65   |
| <b>IK rating</b>             | IK 06  |
| <b>operating temperature</b> | -20°C / +50°C  |
| <b>size</b>                  | Ø 55 x 127 mm<br>Ø 78 x 185 mm   |
| <b>lumen output</b>          | up to 227 lm (size 1) and 410 lm (size 2)*                               |
| <b>beam angles</b>           | 15° - 25° - 40° - 20°x43° (size 1),<br>5° - 20° - 60° - 15°x60° (size 2) |
| <b>CCT</b>                   | 2700K - 3000K - 4000K  |
| <b>CRI</b>                   | > 90   |
| <b>BIN selection</b>         | 2 Step MacAdam   |

|                              |  |
|------------------------------|--|
| <b>lifetime</b>              | L80 B10 50.000 h   |
| <b>body materials</b>        | EN AB46100 die-cast aluminum   |
| <b>finishing</b>             | first coat with protective primer followed by epoxy polyester for corrosion resistance   |
| <b>colours</b>               | - white RAL9003<br>- black RAL9005<br>- anthracite RAL7016<br>- CORTEN<br>- paintable primer   |
| <b>screen</b>                | tempered extra-clear glass<br>- 6 mm black silkprinted   |
| <b>electrical connection</b> | to power line  |
| <b>made in</b>               | ITALIA   |

\* Technical data estimated from the prototypes





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