# CALIBER 52

INGROUND

| PROJECT INFORMATION | |
|---|---|
| Project Name | |
| Reference | Quantity |

## CODE

**C52.30.M.21.02**

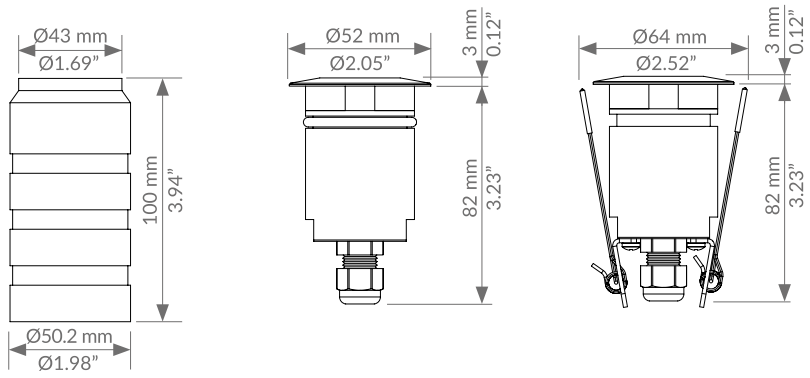
IP68 MADE IN ITALY

## PRODUCT

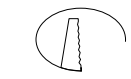
## FINISH

**.21**
Pre-aged solid brass

## TECHNICAL DRAWING

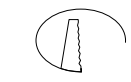



### RECESSED HOLE



Ø41 mm / Ø1.61”

ACC.006



Ø46 mm / Ø1.81”

## CODE C52.30.M.21.02

| Product | LED colour | Optic | Finish | Power |
|---|---|---|---|---|
| C52 = CALIBER 52 | 30 = 3000K | M = 23° | 21 = Pre-aged solid brass | 02 = 2W |

# CALIBER 52

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## LIGHTING CHARACTERISTICS

| | |
|---|---|
| **Color Rendering Index** | CRI > 90 |
| **Lumen output (source)** | 142 lm |
| **Lumen output (delivered)** | 87 lm |
| **Optic** | 23° |
| **LED colour temperature** | 3000K |
| **LED lifetime** | 50000h L95 B10 (Ta 25°C) |
| **Bin selection** | Binning free 2 step MacAdam's |

## MECHANICAL CHARACTERISTICS

| | |
|---|---|
| **Body** | Anodized aluminium 6026 |
| **Glass** | Extra clear tempered glass 4mm |
| **Finish** | Pre-aged solid brass |
| **Installation** | Housing box / Fixing springs |
| **Impact resistance** | IK08 |
| **Weight** | 280 |

## ELECTRICAL CHARACTERISTICS

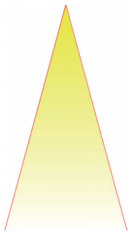
| | |
|---|---|
| **Power supply** | Constant voltage 24Vdc |
| **Power supply cable** | 35cm NS20N 2x0,5mm² |
| **Power consumption** | 2W |
| **Dimming** | Dimmable |

## GENERAL CHARACTERISTICS

| | |
|---|---|
| **Operating temperature** | -20°C ÷ +50°C |
| **IP rating** | IP68 (not for permanent immersion) |
| **Insulation class** | Class III |
| **Photobiological risk** | RG0/RG1 |
| **Walkover** | Yes |

## PHOTOMETRICS DATA

| H(m/') | Ø (m/') | Lux/fc max |
|---|---|---|
| 1.00/3.28 | 0,48/1.57 | 431/40 |
| 2.00/6.56 | 0,96/3.15 | 107/10 |
| 3.00/9.84 | 1,44/4.72 | 47/4 |
| 4.00/13.12 | 1,92/6.30 | 27/3 |
| 5.00/16.40 | 2,40/7.87 | 17/2 |



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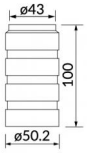
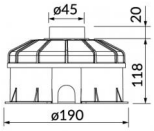
## CODE C52.30.M.21.02

## ACCESSORIES (Measure unit: mm)




Housing box

Art. Nr.
**HB.002**

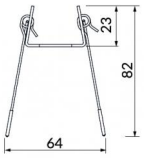



Housing box IP

Art. Nr.
**HB.013**

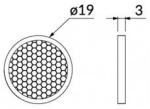
Housing box for masonry

Art. Nr.
**ACC.114**



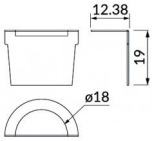

Fixing springs

Art. Nr.
**ACC.006**



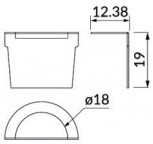

Honeycomb louver

Art. Nr.
**ACC.084**




Anti-Glare louver

Art. Nr.
**ACC.008**




Anti-Glare louver closed

Art. Nr.
**ACC.089**

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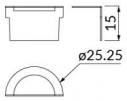
## ACCESSORIES




Anti-Glare louver for honeycomb louver

Art. Nr.
**ACC.083**

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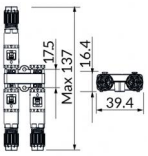


Micro junction connection 3-way 2M+1F 10A 2-pole 0,25–1,5mm² (23-16AWG) Øcable 5,8–6,6,9mm (0,23-0,27") - IP68

Art. Nr.
**ACC.101**

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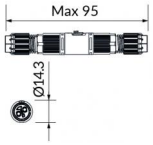


Micro joint connection 10A 2-pole 0,25–1,5mm² (23-16AWG) Øcable 5,8–6,9mm (0,23-0,27") - IP68

Art. Nr.
**ACC.127**

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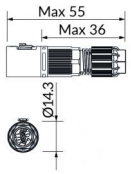


Pre-assembled male connector on product – IP68

Art. Nr.
**ACC.225**

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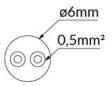


Cable NS20N 2x0,5mm²

| Art. Nr. | Length |
|---|---|
| **CV00037** | 5m / 16.40' |
| **CV00040** | 10m / 32.81' |
| **CV00041** | 15m / 49.21' |
| **CV00042** | 20m / 65.62' |
| **CV00043** | 25m / 82.02' |

# CALIBER 52

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## POWER SUPPLIES

### ON/OFF

| Code | Input | Quantity max. | I Out | V Out | Watt | IP | Certifications |
|---|---|---|---|---|---|---|---|
| PSU.CX.004 | 99÷264V / 50/60 Hz | 6 | 0,9 A | 24Vdc | 20 | IP20 | CE cULus |
| PSU.CV.005 | 90÷305V / 47/63 Hz | 8 | 1 A | 24Vdc | 25 | IP67 | CE cULus |
| PSU.CV.006 | 90÷305V / 47/63 Hz | 19 | 2,5 A | 24Vdc | 60 | IP67 | CE cULus |
| PSU.CV.007 | 90÷305V / 47/63 Hz | 29 | 3,75 A | 24Vdc | 90 | IP67 | CE cULus |
| PSU.CV.012 | 90÷305V / 47/63 Hz | 48 | 6,3 A | 24Vdc | 150 | IP67 | CE cULus |
| PSU.CV.021 | 90÷305V / 47/63 Hz | 78 | 10 A | 24Vdc | 240 | IP67 | CE cULus |

### Control gear

| Code | Input | Quantity max. | I Out | V Out | Watt | IP | Certifications |
|---|---|---|---|---|---|---|---|
| CGE.004_1-10V | 24Vdc | 93 | 12 A | 24Vdc | 288 | IP20 | CE |
| CGE.004.IP_1-10V | 24Vdc | 93 | 12 A | 24Vdc | 288 | IP67 | CE |
| CGE.017_DALI (DT6) | 24Vdc | 93 | 12 A | 24Vdc | 288 | IP20 | CE |
| CGE.017.IP_DALI (DT6) | 24Vdc | 93 | 12 A | 24Vdc | 288 | IP67 | CE |
| CGE.042_DALI-2 (DT6) | 24Vdc | 93 | 12 A | 24Vdc | 288 | IP20 | CE |
| CGE.042_TRIAC | 24Vdc | 93 | 12 A | 24Vdc | 288 | IP20 | CE |
| CGE.020_DMX | 24Vdc | 50 | 6,5 A | 24Vdc | 156 | IP20 | CE |