CALIBER 52

INGROUND

PROJECT INFORMATION

Project Name

Reference Quantity

CODE

C52.22.M.21.02

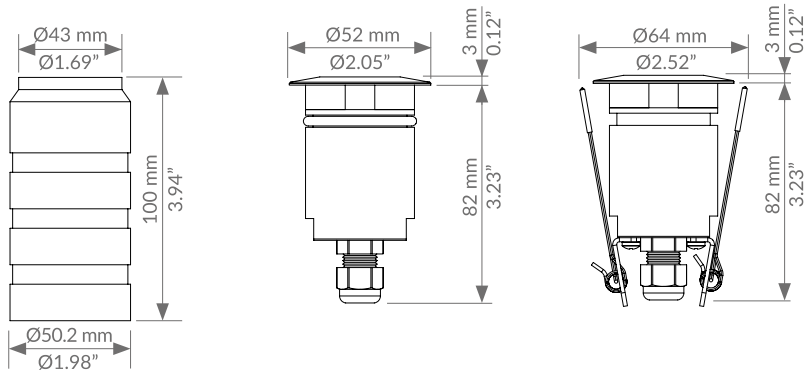
IP68 MADE IN ITALY

PRODUCT

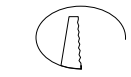
FINISH

.21
Pre-aged solid brass

TECHNICAL DRAWING



RECESSED HOLE



Ø41 mm / Ø1.61”

ACC.006

Ø46 mm / Ø1.81”

CODE C52.22.M.21.02

Product	LED colour	Optic	Finish	Power
C52 = CALIBER 52	22 = 2200K	M = 23°	21 = Pre-aged solid brass	02 = 2W

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LIGHTING CHARACTERISTICS

Color Rendering Index	CRI > 90
Lumen output (source)	141 lm
Lumen output (delivered)	86 lm
Optic	23°
LED colour temperature	2200K
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

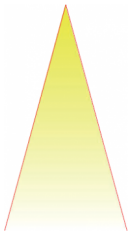
Power supply	Constant voltage 24Vdc
Power supply cable	35cm NS20N 2x0,5mm²
Power consumption	2W
Dimming	Dimmable

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	426/40
2.00/6.56	0,96/3.15	106/10
3.00/9.84	1,44/4.72	47/4
4.00/13.12	1,92/6.30	26/2
5.00/16.40	2,40/7.87	17/2



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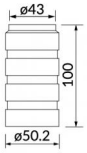
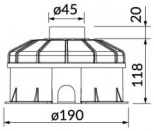
ACCESSORIES (Measure unit: mm)



Housing box

Art. Nr.
HB.002

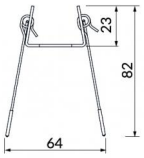


Housing box IP

Art. Nr.
HB.013

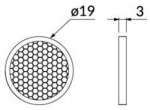
Housing box for masonry

Art. Nr.
ACC.114



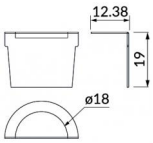
Fixing springs

Art. Nr.
ACC.006



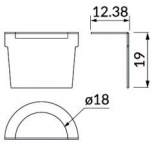
Honeycomb louver

Art. Nr.
ACC.084



Anti-Glare louver

Art. Nr.
ACC.008



Anti-Glare louver closed

Art. Nr.
ACC.089

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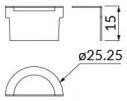
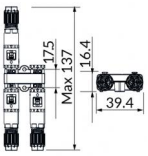
ACCESSORIES



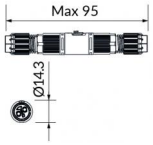
Anti-Glare louver for honeycomb louver

Art. Nr.
ACC.083



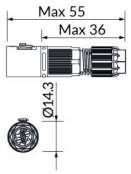
Micro junction connection 3-way 2M+1F 10A 2-pole 0,25–1,5mm² (23-16AWG) Øcable 5,8–6,6,9mm (0,23-0,27") - IP68

Art. Nr.
ACC.101



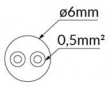
Micro joint connection 10A 2-pole 0,25–1,5mm² (23-16AWG) Øcable 5,8–6,9mm (0,23-0,27") - IP68

Art. Nr.
ACC.127



Pre-assembled male connector on product – IP68

Art. Nr.
ACC.225



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'

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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