



IP68



## CALIBER 52 SUB

Caliber 52 sub is an extremely efficient compact underwater recessed LED projector, designed for optical excellence and engineered for complete resilience. Caliber 52 sub offers a choice of four colour temperatures as standard (2200K, 2700K, 3000K and 4000K) and delivers 90 CRI for excellent colour rendering, and with binning-free LEDs carefully selected from two-step MacAdam's ellipses, colour consistency is assured throughout the unonovesette portfolio. With a deep recess of the in-house designed PCB, Caliber 52 sub offers excellent glare control.

*Caliber 52 sub è un apparecchio a LED dalle dimensioni compatte da immersione estremamente efficiente. Ideato con un'ottica eccellente e progettato per una completa flessibilità. Caliber 52 sub offre una scelta fra quattro temperature di colore standard (2200K, 2700K, 3000K e 4000K) tutte con CRI maggiore di 90 per una eccellente resa cromatica. Binning-free e due-step MacAdam's ellipses LED, assicurano consistenza del colore in tutte le versioni previste da unonovesette. Con l'elettronica progettata internamente e ben posizionata, Caliber 52 sub offre un eccellente controllo dell'abbagliamento.*

### TECHNICAL DATA / DATI TECNICI:

 IP68

 2W

 140 lm (3000K)

 >90




 2200K / 2700K / 3000K / 4000K

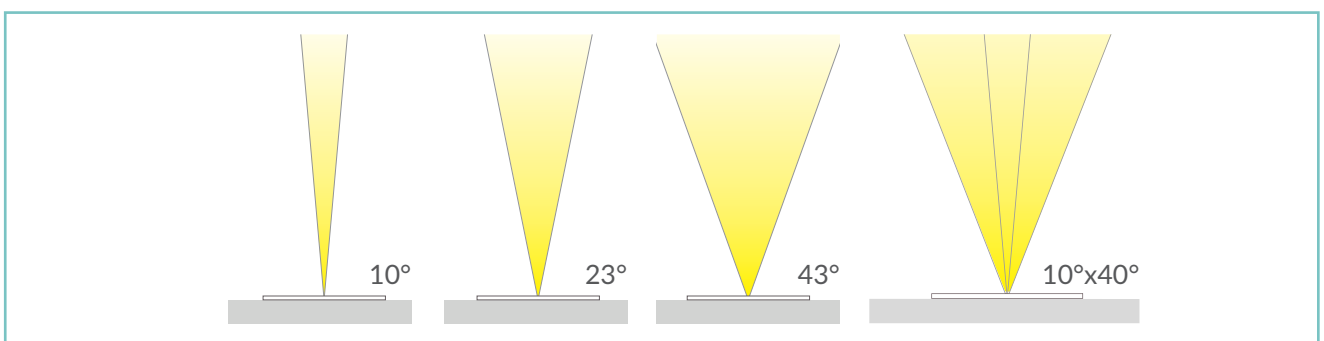
 10° / 23° / 43° / 10°x40°

 Smart Shield

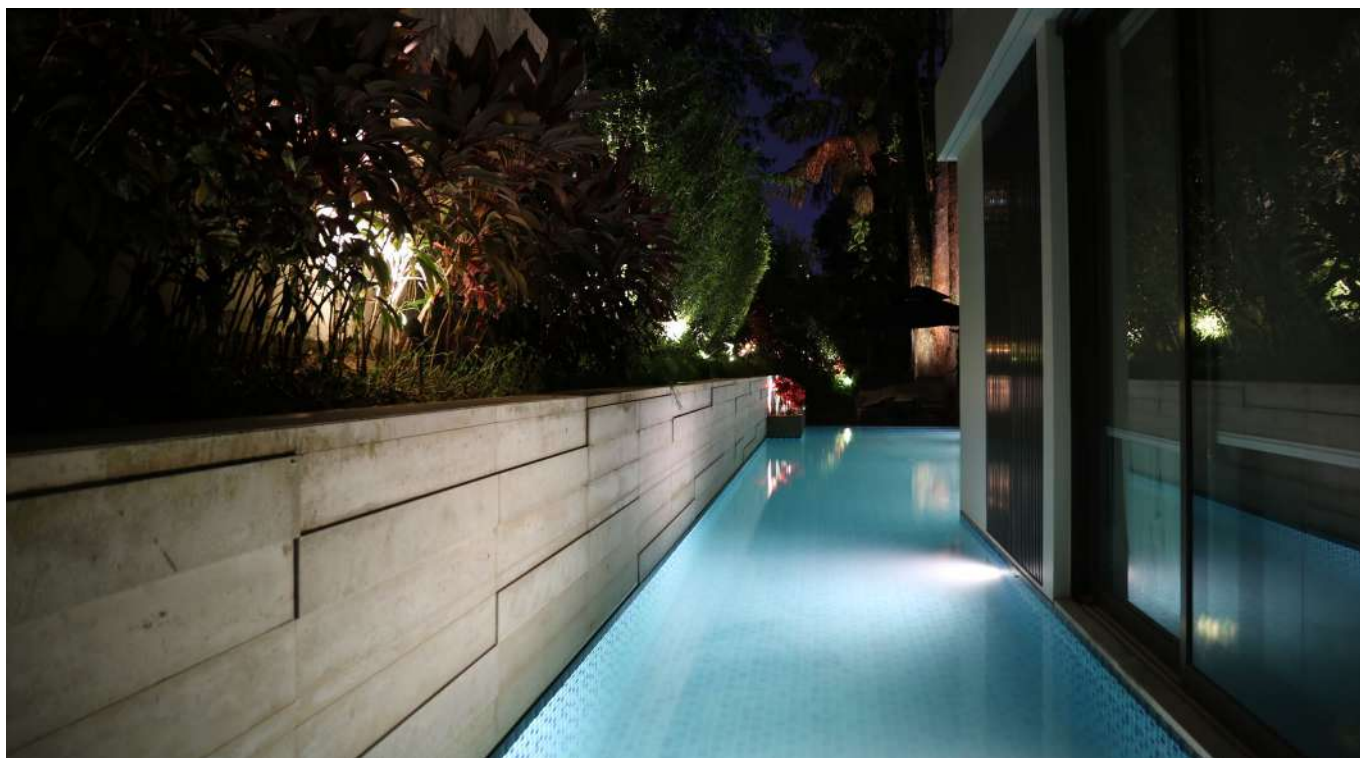
### FINISHES / FINITURE:

 Stainless steel electropolished AISI316L  
Acciaio INOX elettrolucidato AISI316L

### OPTICS / OTTICHE:




unonovasette



# unonovesette

## PRODUCT CODE / CODICE PRODOTTO:

<b>C52 = CALIBER 52 SUB</b> 	Select one component from each column to specify a complete configuration: Selezionare un componente per ogni colonna per la configurazione completa:			
	LED colour / Colore LED	Optics / Ottiche	Finish / Finiture	Power / Potenza
22 = 2200K 27 = 2700K 30 = 3000K 40 = 4000K	N = 10° M = 23° W = 43° E = 10°x40°	12 = Stainless steel electropolished AISI316L / Acciaio INOX elettrolucidato AISI316L	02 = 2W	

Standard configuration example/  
Esempio di configurazione standard:

**C52.30.N.12.02** Caliber 52 SUB 3000K 10° optics stainless steel / Acciaio INOX 2W

## POWER SUPPLIES 24Vdc CONSTANT VOLTAGE / ALIMENTATORE TENSIONE COSTANTE 24Vdc:

On / Off

Code / Codice	Input	I Out	V Out	Watt	IP	#Caliber 52 sub
PSU.CX.004	110+240V / 50/60 Hz	0,9 A	24Vdc	20	IP20	Max 8
PSU.CV.005	90+305V / 47/63 Hz	1 A	24Vdc	25	IP67	Max 9
PSU.CV.006	90+305V / 47/63 Hz	2,5 A	24Vdc	60	IP67	Max 25
PSU.CV.007	90+305V / 47/63 Hz	3,75 A	24Vdc	90	IP67	Max 36
PSU.CV.021	90+305V / 47/63 Hz	10 A	24Vdc	240	IP67	Max 80

Control gear / Elettronica di controllo

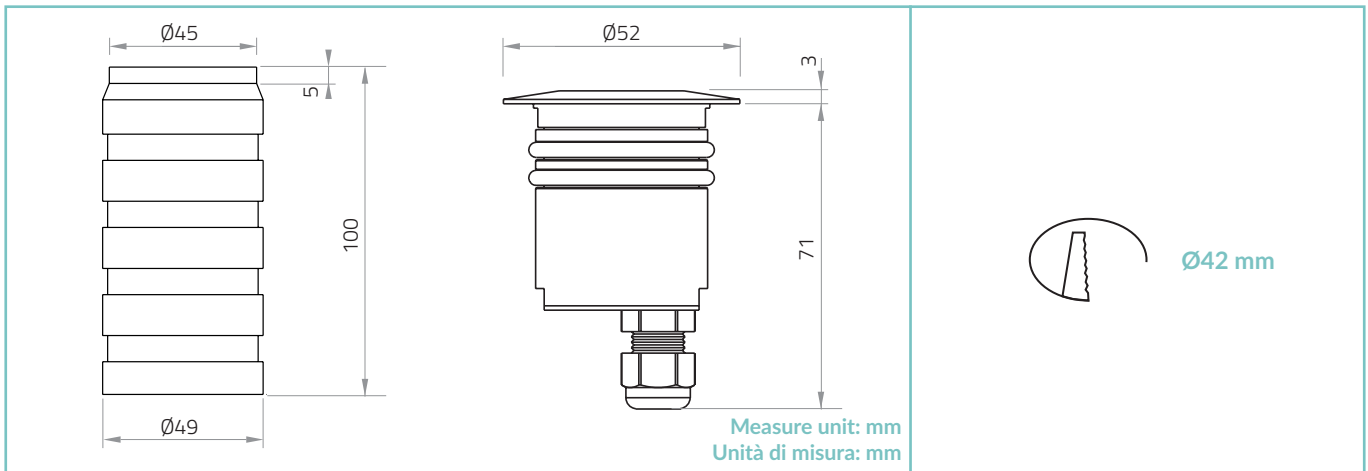
Code / Codice	Input	I Out	V Out	Watt	IP	#Caliber 52 sub
CGE.004 - 0/1-10V	24Vdc	6,5 A	24Vdc	156	IP20	Max 70
CGE.017 - DALI	24Vdc	6,5 A	24Vdc	156	IP20	Max 70
CGE.017.IP - DALI	24Vdc	6,5 A	24Vdc	156	IP67	Max 70
CGE.020 - DMX	24Vdc	6,5 A	24Vdc	156	IP20	Max 70

## ACCESSORIES / ACCESSORI

 Housing box Cassaforma HB.002 (70g)	 Honeycomb louver Schermo alveolare ACC.084	 Anti-Glare louver Frangiluce ACC.008	 Cable Cavo 10m 15m 20m 25m
 Housing box IP Cassaforma IP HB.013 (320g)			

TECHNICAL DRAWING / DISEGNO TECNICO:

RECESSED HOLE / FORO INCASSO:



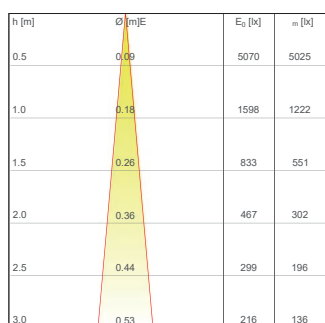
TECHNICAL SHEET / SCHEDA PRODOTTO:

**Body:** Machined and electropolished stainless steel AISI316L  
**Glass:** Extra clear 4mm tempered glass  
**Finishes:** Electropolished stainless steel AISI316L  
**Installation:** Housing box  
**Power supply cables:** 500cm NS20N PCP 2x0,5mm<sup>2</sup>  
**Power supply:** Constant voltage 24Vdc  
**Power consumption:** 2 Watt  
**CRI:** >90  
**Bin selection:** Binning free 2 step MacAdam's  
**Lumen output (source):** 140 lm (3000K)  
**Lumen output (delivered):** 113 lm (3000K)  
**Operating temperature:** -20°C +50°C  
**IP rating:** IP68 (5 meters underwater)  
**Insulation class:** Class III  
**Impact resistance:** IK08  
**Weight:** 600g  
**Optics:** 10° / 23° / 43° / 10°X40°  
**LED colour temperature:** 2200K / 2700K / 3000K / 4000K  
**Lifetime LED:** 50000h L95 B10 (Ta 25°C)  
**Photo biological risk:** RG0 / RG1

**Corpo:** Acciaio INOX AISI316L elettrolucidato  
**Vetro:** Vetro temprato extra chiaro 4mm  
**Finiture:** Acciaio INOX AISI316L elettrolucidato  
**Fissaggio:** Cassaforma  
**Cavo di alimentazione:** 500cm NS20N PCP 2x0,5mm<sup>2</sup>  
**Alimentazione:** Tensione costante 24Vdc  
**Potenza assorbita:** 2 Watt  
**CRI:** >90  
**Selezione bin:** Binning free 2 step MacAdam's  
**Flusso sorgente:** 140 lm (3000K)  
**Flusso apparecchio:** 113 lm (3000K)  
**Temperatura di funzionamento:** -20°C +50°C  
**Grado di protezione:** IP68 (5 metri in immersione)  
**Classe d'isolamento:** Classe III  
**Protezione impatto:** IK08  
**Peso:** 600g  
**Ottiche:** 10° / 23° / 43° / 10°X40°  
**Temperatura colore LED:** 2200K / 2700K / 3000K / 4000K  
**Vita media LED:** 50000h L95 B10 (Ta 25°C)  
**Rischio fotobiologico:** RG0 / RG1

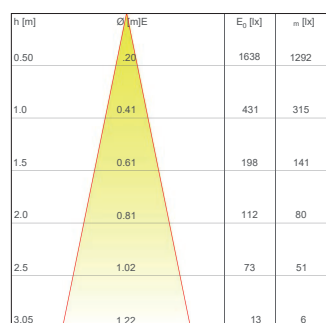
PHOTOMETRICS / CURVE FOTOMETRICHE:

10° - 2 Watt



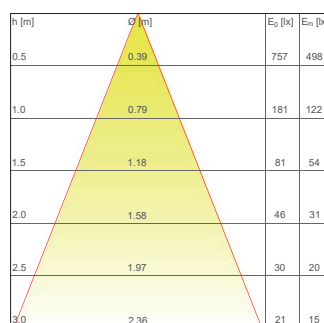
— C0 - C180 (10,0°)

23° - 2 Watt



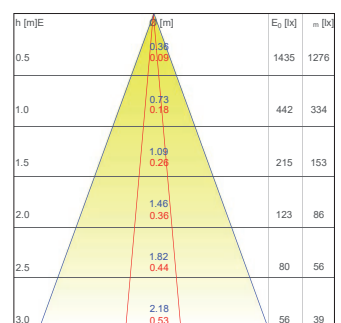
— C0 - C180 (23,0°)

43° - 2 Watt



— C0 - C180 (43,0°)

10°x40° - 2 Watt



— C0 - C180 (10,0°) — C90 - C270 (40,0°)