



IP68



## CALIBER 80 SUB


Caliber 80 sub is an extremely efficient compact underwater recessed LED projector, designed for optical excellence and engineered for complete resilience. Caliber 80 sub offers a choice of four colour temperatures as standard (2700K, 3000K, 4000K and RGBW) 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 80 sub offers excellent glare control.

*Caliber 80 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 80 sub offre una scelta fra quattro temperature di colore standard (2700K, 3000K, 4000K e RGBW) 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 80 sub offre un eccellente controllo dell'abbagliamento.*

### TECHNICAL DATA / DATI TECNICI:

 IP68


 5W / 9W

 515 lm / 730 lm (3000K)

 >90




 2700K / 3000K / 4000K / RGBW

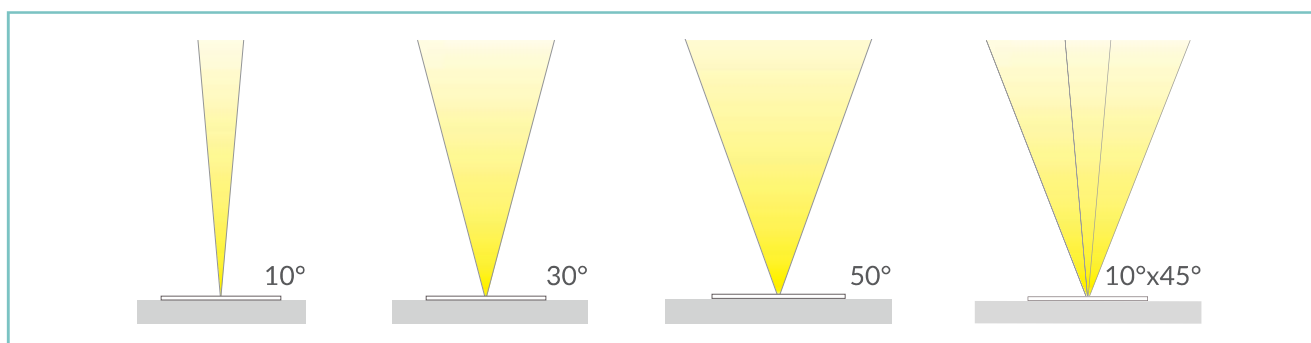
 10° / 30° / 50° / 10°x45° / (35° RGBW)

 Smart Shield

### FINISHES / FINITURE:

 Stainless steel AISI316L  
Acciaio INOX AISI316L

### OPTICS / OTTICHE:




unonovasette



# unonovesette

## PRODUCT CODE / CODICE PRODOTTO:

C8S= CALIBER 80 SUB		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	Watt
		27 = 2700K 30 = 3000K 40 = 4000K FC = RGBW	N = 10° M = 30° (35° RGBW) W = 50° E = 10°x 45° S = Satin/Satinato	12 = Stainless steel electropolished AISI316L / Acciaio INOX elettrucidato AISI316L	05 = 5 W 09 = 9 W

Standard configuration example/  
Esempio di configurazione standard:

**C8S.30.N.03.09 Caliber 80 SUB 3000K 10° optics stainless steel / Acciaio INOX 9 Watt**

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

On / Off 9W

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

### Control gear / Elettronica di controllo 9W

Code / Codice	Input	I Out	V Out	Watt	IP	#Caliber 80 sub
CGE.004 - 0/1-10V	24Vdc	6,5 A	24Vdc	156	IP20	Max 14
CGE.017 - DALI	24Vdc	6,5 A	24Vdc	156	IP20	Max 14
CGE.017.IP - DALI	24Vdc	6,5 A	24Vdc	156	IP67	Max 14
CGE.020 - DMX	24Vdc	6,5 A	24Vdc	156	IP20	Max 14

### Control gear / Elettronica di controllo RGBW

Code / Codice	Input	I Out	V Out	Watt	IP	#Caliber 80 sub
CGE.005 - DMX RGBW	24Vdc	4x700 mA	24Vdc	67,2	IP20	Max 6

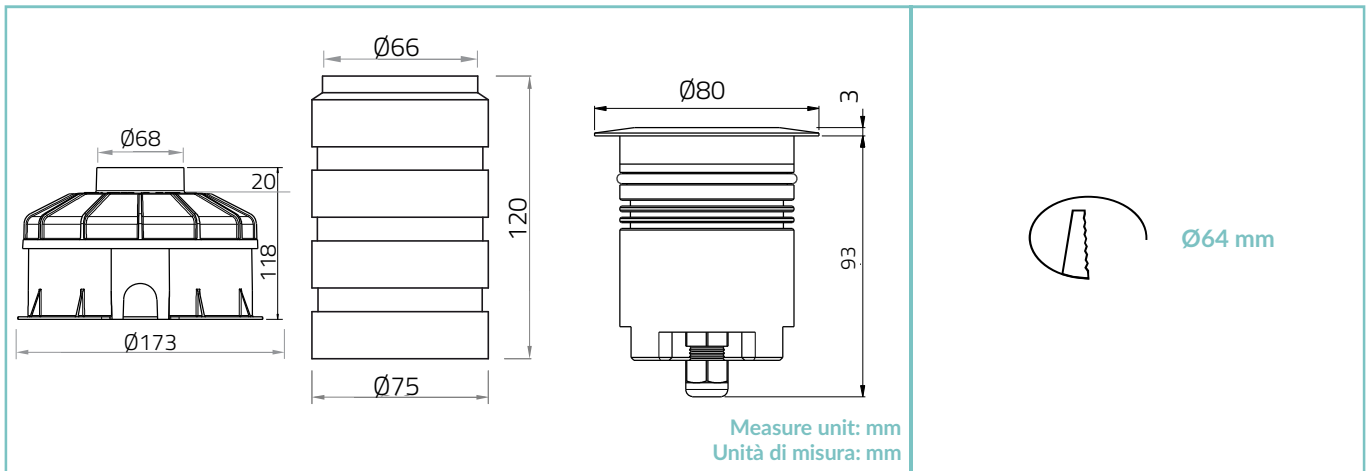
## ACCESSORIES/ACCESSORI

					
Housing Box Cassaforma HB.003 (170 g)	Housing Box Cassaforma HB.014 (320 g)	Fixing springs Molle di fissaggio ACC.007	Honeycomb louver Schermo alveolare ACC.004	Anti-Glare louver Frangiluce ACC.073	Cable Cavo CV00040 10m CV00041 15m CV00042 20m CV00043 25m

## CALIBER 80 SUB

TECHNICAL DRAWING / DISEGNO TECNICO:

RECESSED HOLE / FORO INCASSO:



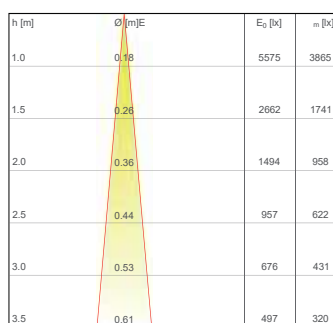
TECHNICAL SHEET / SCHEDA PRODOTTO:

**Body:** Stainless Steel AISI316L  
**Glass:** Tempered extra clear / frosted glass 8 mm  
**Finishes:** Electropolished stainless steel AISI316L  
**Installation:** Housing box  
**Power supply cables:** 500 cm NS20N PCP 2x0,5 mm<sup>2</sup>  
 500 cm 8x0,22 mm<sup>2</sup> (RGBW)  
**Power supply:** Constant voltage 24Vdc  
 Constant current 700mA (RGBW)  
**Power consumption:** 5 Watt / 9 Watt  
**CRI:** >90  
**Bin selection:** Binning free 2 step MacAdam's  
**Lumen Output:** 515 lm / 730 lm (3000K)  
**Operating temperature:** -20°C +50°C  
**IP rating:** IP68 (5 meter underwater)  
**Insulation class:** Class III  
**Impact resistance:** IK08  
**Weight:** 1,1 kg  
**Optics:** 10° / 30° / 50° / 10°x45° / (35° RGBW) / Satin  
**LED colour temperature:** 2700K / 3000K / 4000K / RGBW  
**Lifetime LED:** 100000 hrs  
**Photo biological risk:** RGO / RG1

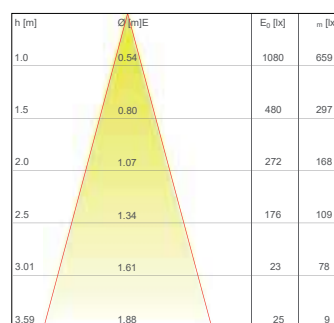
**Corpo:** Acciaio INOX AISI316L  
**Vetro:** Vetro temperato extra chiaro / satinato 8 mm  
**Finiture:** Acciaio INOX AISI316L elettrolucidato  
**Fissaggio:** Cassaforma  
**Cavo di alimentazione:** 500 cm NS20N PCP 2x0,5 mm<sup>2</sup>  
 500 cm 8x0,22 mm<sup>2</sup> (RGBW)  
**Alimentazione:** Constant voltage 24Vdc  
 Constant current 700mA (RGBW)  
**Potenza assorbita:** 5 Watt / 9 Watt  
**CRI:** >90  
**Selezione bin:** Binning free 2 step MacAdam's  
**Flusso luminoso:** 515 lm / 730 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:** 1,1 kg  
**Ottiche:** 10° / 30° / 50° / 10°x45° / (35° RGBW) / Satinato  
**Temperatura colore LED:** 2700K / 3000K / 4000K / RGBW  
**Vita media LED:** 100000 hrs  
**Rischio fotobiologico:** RGO / RG1

PHOTOMETRICS / CURVE FOTOMETRICHE:

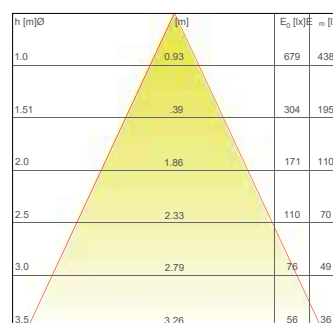
10° - 9 Watt



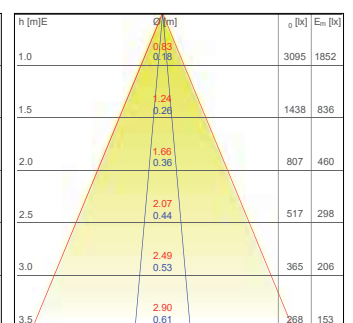
30° - 9 Watt



50° - 9 Watt



10°x45° - 9 Watt



— C0 - C180 (10,0°)

— C0 - C180 (30,0°)

— C0 - C180 (50,0°)

— C0 - C180 (45,0°) — C90 - C270 (10,0°)