



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 /
4x700mA RGBW

647 lm / 896 lm (3000K)

>90



2700K / 3000K / 4000K / RGBW

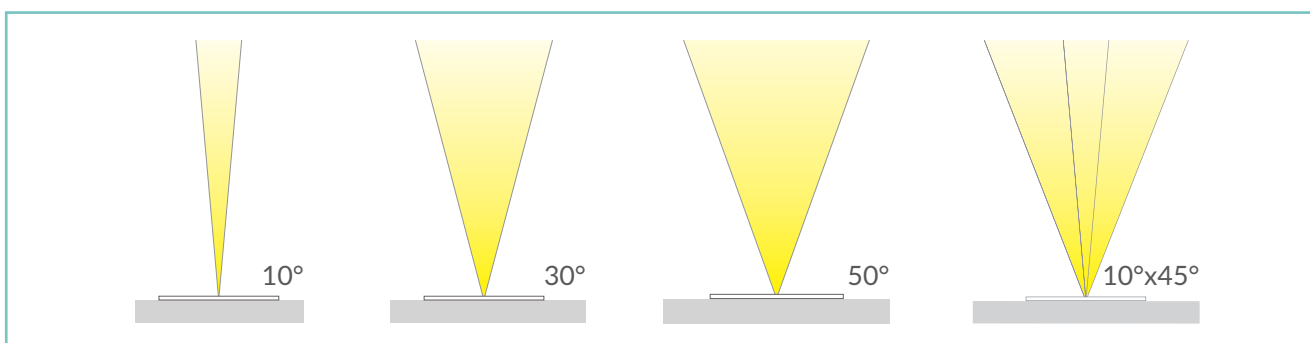
10° / 30° / 50° / 10°x45° / Satin /
35° RGBW

Smart Shield

FINISHES / FINITURE:

Electropolished stainless steel AISI316L
Acciaio INOX AISI316L elettrolucidato

OPTICS / OTTICHE:



unon**ove**sette



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	Power / Potenza	
	27 = 2700K 30 = 3000K 40 = 4000K FC = RGBW	N = 10° M = 30° (35° RGBW) W = 50° E = 10°x 45° S = Satin / Satinato	12 = Electropolished stainless steel AISI316L / Acciaio INOX AISI316L elettrolucidato	05 = 5W 09 = 9W CC = 4x700mA RGBW	

Standard configuration example/
Esempio di configurazione standard:

C8S.30.N.12.09 Caliber 80 sub 3000K 10° optics electropolished stainless steel /
Acciaio INOX elettrolucidato 9W

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

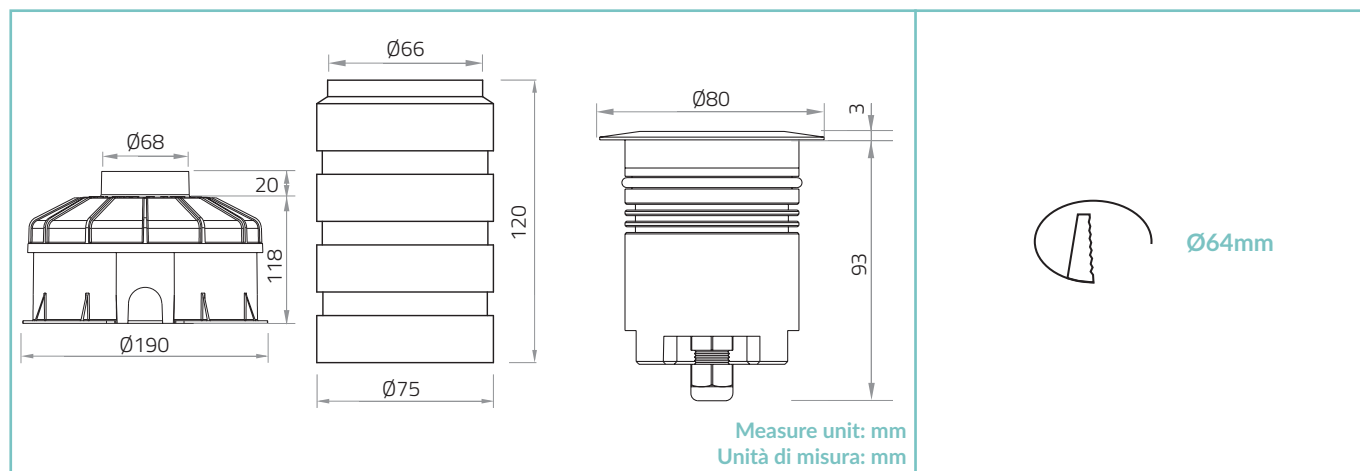
Code / Codice	Input	I Out	V Out	Watt	IP	#Caliber 80 sub
CGE.005 - DMX RGBW	24Vdc	4x700 mA	24Vdc	67,2	IP20	Max 6

ACCESSORIES / ACCESSORI

					
Housing box Cassaforma HB.003 (170g)	Housing box IP Cassaforma IP HB.014 (320g)	Fixing springs Molle di fissaggio ACC.007	Honeycomb louwer Schermo alveolare ACC.004	Anti-Glare louwer Frangiluce ACC.073	Cable Cavo CV00037 5m CV00040 10m CV00041 15m CV00042 20m CV00043 25m

TECHNICAL DRAWING / DISEGNO TECNICO:

RECESSED HOLE / FORO INCASSO:



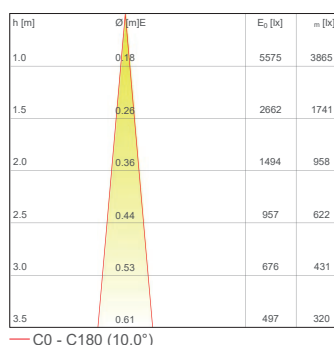
TECHNICAL SHEET / SCHEDA PRODOTTO:

Body:	Stainless Steel AISI316L
Glass:	Tempered extra clear / frosted glass 8mm
Finishes:	Electropolished stainless steel AISI316L
Installation:	Housing box / Fixing Springs
Power supply cables:	500cm NS20N PCP 2x0,5mm ² 500cm 8x0,22mm ² RGBW
Power supply:	Constant voltage 24Vdc Constant current 4x700mA RGBW
Power consumption:	5 Watt / 9 Watt / 9 Watt RGBW
CRI:	>90
Bin selection:	Binning free 2 step MacAdam's
Lumen output (source):	647 lm / 896 lm (3000K)
Lumen output (delivered):	409 lm / 590 lm (3000K)
Operating temperature:	-20°C +50°C
IP rating:	IP68 (5 meter underwater)
Insulation class:	Class III
Impact resistance:	IK08
Weight:	1,1kg
Optics:	10° / 30° / 50° / 10°x 45° / Satin / 35° RGBW
LED colour temperature:	2700K / 3000K / 4000K / RGBW
Lifetime LED:	50000h L95 B10 (Ta 25°C)
Photo biological risk:	RG0 / RG1

Corpo:	Acciaio INOX AISI316L
Vetro:	Vetro temprato extra chiaro / satinato 8mm
Finiture:	Acciaio INOX AISI316L elettrolucidato
Fissaggio:	Cassaforma / Molle di fissaggio
Cavo di alimentazione:	500cm NS20N PCP 2x0,5mm ² 500cm 8x0,22mm ² RGBW
Alimentazione:	Tensione costante 24Vdc Corrente costante 4x700mA RGBW
Potenza assorbita:	5 Watt / 9 Watt / 9 Watt RGBW
CRI:	>90
Selezione bin:	Binning free 2 step MacAdam's
Flusso sorgente:	647 lm / 896 lm (3000K)
Flusso apparecchio:	409 lm / 590 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:	1,1kg
Ottiche:	10° / 30° / 50° / 10°x 45° / Satinato / 35° RGBW
Temperatura colore LED:	2700K / 3000K / 4000K / RGBW
Vita media LED:	50000h L95 B10 (Ta 25°C)
Rischio fotobiologico:	RG0 / RG1

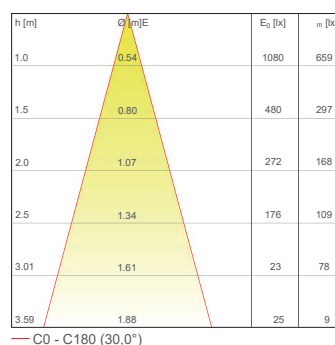
PHOTOMETRICS / CURVE FOTOMETRICHE:

10° - 9 Watt



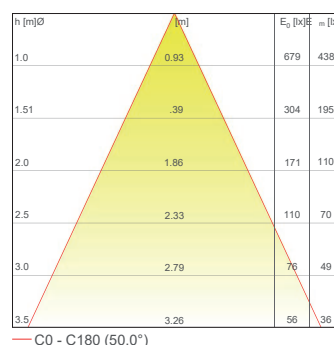
— C0 - C180 (10,0°)

30° - 9 Watt



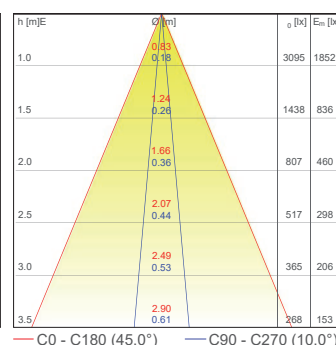
— C0 - C180 (30,0°)

50° - 9 Watt



— C0 - C180 (50,0°)

10°x45° - 9 Watt



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