FELIX 40 SUB

UNDERWATER

PROJECT INFORMATION	
Project Name	
Reference	Quantity

CODE

F40.22.X.03.02

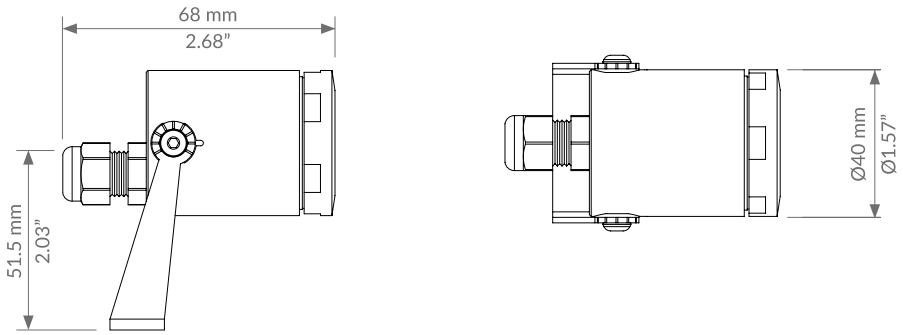
IP68 MADE IN ITALY

PRODUCT

FINISH

.03
Stainless steel AISI316L

TECHNICAL DRAWING



CODE F40.22.X.03.02

Product	LED colour	Optic	Finish	Power
F40 = FELIX 40 SUB	**22** = 2200K	**X** = 40°x10°	**03** = Stainless steel AISI316L	**02** = 2W

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LIGHTING CHARACTERISTICS

Color Rendering Index	CRI > 90
Lumen output (source)	141 lm
Lumen output (delivered)	84 lm
Optic	40°x10°
LED colour temperature	2200K
LED lifetime	50000h L95 B10 (Ta 25°C)
Bin selection	Binning free 2 step MacAdam's

MECHANICAL CHARACTERISTICS

Body	Stainless Steel AISI316L
Glass	Extra clear tempered glass 4mm
Finish	Stainless steel AISI316L
Installation	Surface mounted / Spike
Impact resistance	IK07
Weight	410

ELECTRICAL CHARACTERISTICS

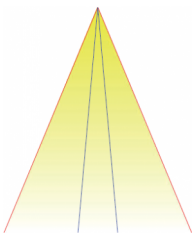
Power supply	Constant voltage 24Vdc
Power supply cable	500cm NS20N 2x0,5mm²
Power consumption	2W
Dimming	Dimmable

GENERAL CHARACTERISTICS

Operating temperature	-20°C ÷ +50°C
IP rating	IP68 (5 meter underwater)
Insulation class	Class III
Photobiological risk	RG0/RG1
Walkover	No

PHOTOMETRICS DATA

H(m/')	Ø (m/') A	Ø (m/') B	Lux/fc max
1.00/3.28	0,73/2.40	0,16/0.52	574/53
2.00/6.56	1,46/4.79	0,31/1.02	143/13
3.00/9.84	2,18/7.15	0,47/1.54	63/6
4.00/13.12	2,91/9.55	0,63/2.07	35/3
5.00/16.40	3,64/11.94	0,79/2.59	23/2



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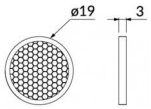
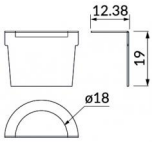
ACCESSORIES (Measure unit: mm)



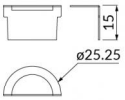
Honeycomb louver

Art. Nr.
ACC.084



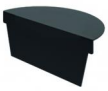
Anti-Glare louver

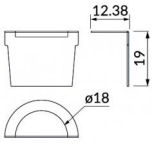
Art. Nr.
ACC.008



Anti-Glare louver for honeycomb louver

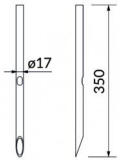
Art. Nr.
ACC.083





Anti-Glare louver closed

Art. Nr.
ACC.089

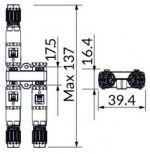


Ground spike

Art. Nr.
ACC.092

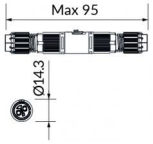
Finishes
.03 = Stainless steel AISI316L

Length
.035 = 35cm
.050 = 50cm
.100 = 100cm
.150 = 150cm



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

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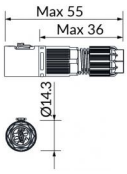
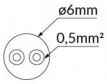
ACCESSORIES



	Art. Nr.
Pre-assembled male connector on product – IP68	**ACC.225**



	Art. Nr.	Length
Cable NS20N 2x0,5mm²	**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

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