FELIX 40 SUB

UNDERWATER

PROJECT INFORMATION	
Project Name	
Reference	Quantity

CODE

F40.40.X.03.02

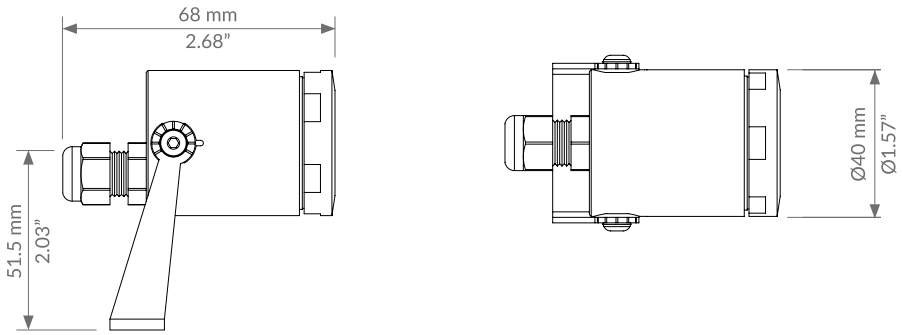
IP68 MADE IN ITALY

PRODUCT

FINISH

.03
Stainless steel AISI316L

TECHNICAL DRAWING



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Product	LED colour	Optic	Finish	Power
F40 = FELIX 40 SUB	**40** = 4000K	**X** = 40°x10°	**03** = Stainless steel AISI316L	**02** = 2W

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LIGHTING CHARACTERISTICS

Color Rendering Index	CRI > 90
Lumen output (source)	153 lm
Lumen output (delivered)	92 lm
Optic	40°x10°
LED colour temperature	4000K
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

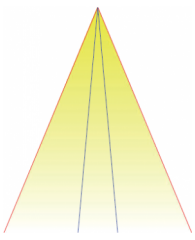
Power supply	Constant voltage 24Vdc
Power supply cable	500cm NS20N 2x0,5mm²
Power consumption	2W
Dimming	Dimmable

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	628/58
2.00/6.56	1,46/4.79	0,31/1.02	157/15
3.00/9.84	2,18/7.15	0,47/1.54	69/6
4.00/13.12	2,91/9.55	0,63/2.07	39/4
5.00/16.40	3,64/11.94	0,79/2.59	25/2



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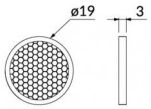
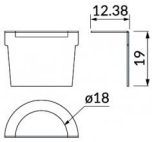
ACCESSORIES (Measure unit: mm)



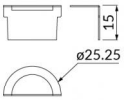
Honeycomb louver

Art. Nr.
ACC.084



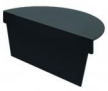
Anti-Glare louver

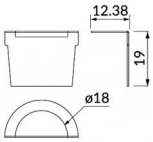
Art. Nr.
ACC.008



Anti-Glare louver for honeycomb louver

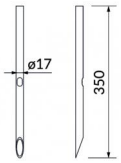
Art. Nr.
ACC.083





Anti-Glare louver closed

Art. Nr.
ACC.089

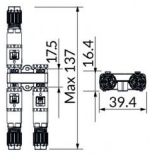


Ground spike

Art. Nr.
ACC.092

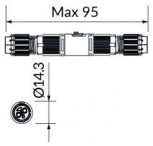
Finishes
.03 = Stainless steel AISI316L

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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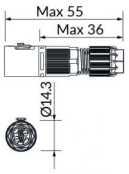
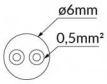
ACCESSORIES



	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