



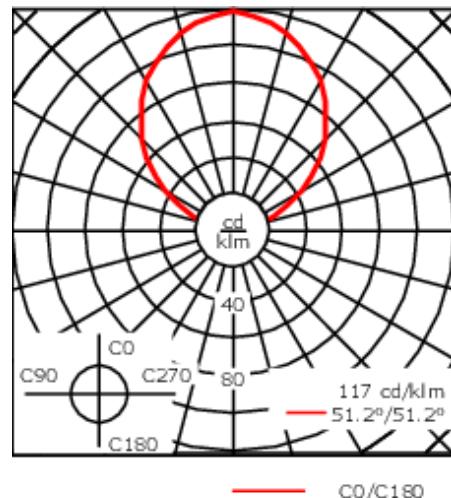
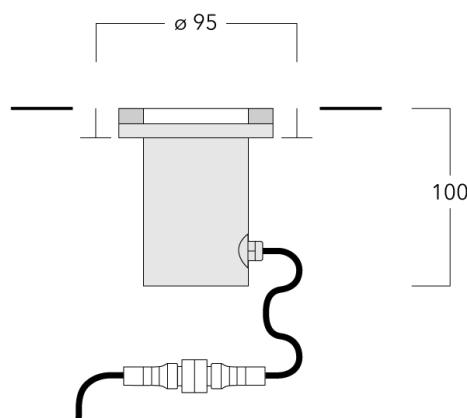
### Description

IP67. Class III. IK09. Stainless steel construction including PCS hardware. Silicone rubber gasket. Safety glass lens. Luminaire can be driven over at low speed. Factory-sealed termination chamber complete with cable gland and 1.5 m of flexible PVC free cable. IP68 in-line connector facilitates easy removal for off-site lamp replacement. Factory installed LED circuit board. LED boards can be easily removed for upgrading.

Luminaire requires installation blockout. To be ordered separately.

The luminaire is not suitable for permanent underwater operation.

Weight	1.00 kg
Light distribution	symmetric, diffused distribution
Light source	LED-1/1W - 2700 K
CRI	80
LEDs	1
Rated input power	1 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	145
Total Lumen	145
T <sub>j</sub>	85
<b>Rated lumens (lm)</b>	
LED Lumen	43
Total Lumen	43
T <sub>a</sub>	25



## Specifications

### Material description

Body	Stainless steel construction
Lens	Safety glass lens; max. load 5 tonnes
Colours	Stainless Steel
Gasket	Silicone rubber gasket
Fasteners	PCS polymer coated stainless steel
Ingress protection	IP67
Impact resistance	IK09

### Electrical description

Driver / Ballast	Electronic converter required. To be ordered separately.
Surge protection	1/2 kV (optional SP10)

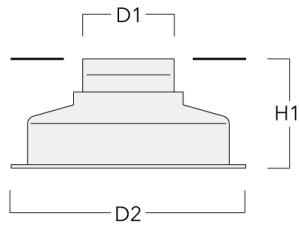
### Additional information

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	E (Light source)

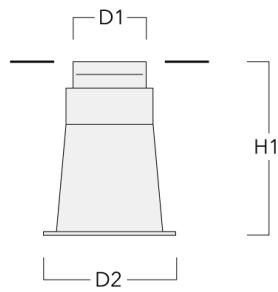
## Mounting Accessories

### Installation blockout

Description	Part ID	D1	D2	H1	Weight(kg)	D	H
Blockout, Plastic (shallow)	185-0412	95	240	110	0.50	95/240	110

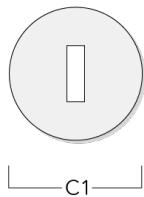


Blockout, Plastic (deep)	185-0797	95	170	220	0.50	95/170	220
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**Installation cover**

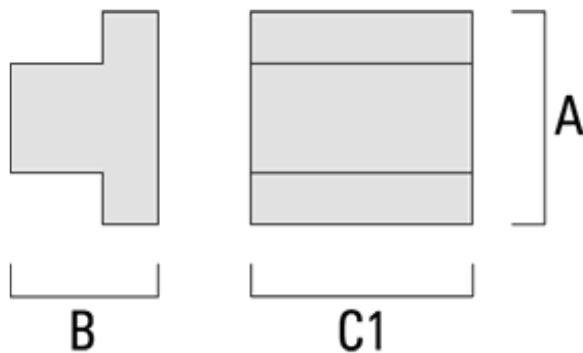
Description	Part ID	C1
Installation cover BE	185-0414	95



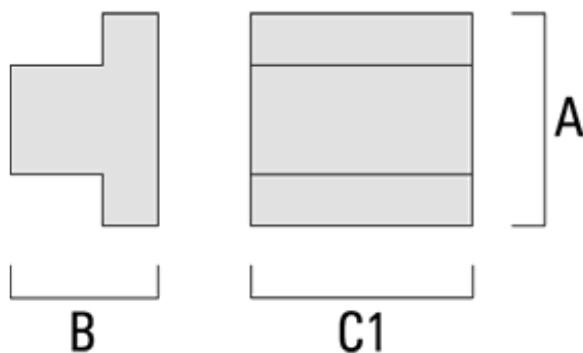
## Electrical Accessories

### Transformers

Description	Part ID	A	B	C1	C
Transformer AC 12 V/300 W	185-1550	185	105	90	105

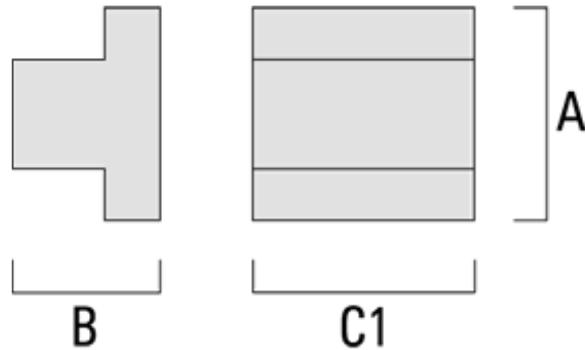


Transformer AC 12 V/20 W	185-1796	140	65	90	90
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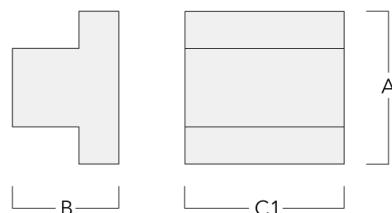


## ETC119 LED

Description	Part ID	A	B	C1	C
Transformer AC 12 V/100 W	185-1797	170	80	90	100

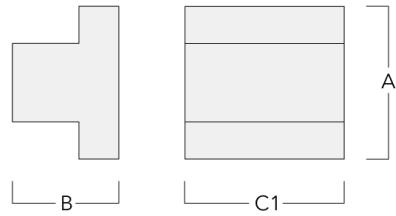


Transformer TVM-AC 24 V/20W	185-2884	140	65	90
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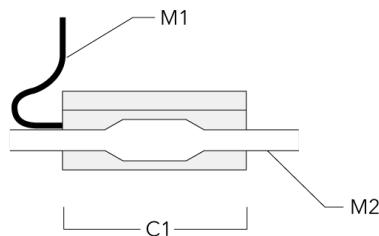
## ETC119 LED

Description	Part ID	A	B	C1	C
Transformer TVM-AC 24 V/50W	185-2885	140	65	90	



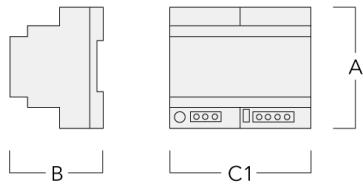
## Sealable junction box

Description	Part ID	C1	M1	M2
Sealable junction box SJB130	185-1624	146	Ø 10	Ø 12 - 19



**Main converter**

Description	Part ID	A	B	C1
Main converter TVE-DC 24 V/12 W	400-0310	90	61	18



Main converter TVE-DC 24 V/60 W	400-0311	89	59	72
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