
**Description**

IP67. 12V - 24V AC/DC. Class III. IK09. Stainless steel construction including PCS hardware. Silicone rubber gasket. Safety glass lens; max. load 5 tonnes. 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. Electronic converter required. To be ordered separately. CAD-optimised optics for superior illumination and glare control. Factory installed LED circuit board.

The optional installation blackout is recommended for mounting. To be ordered separately.

The luminaire is not suitable for permanent underwater operation.

Specifications**Material description**

Body	Stainless steel construcion
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	C-D (Light source)

ETC110-1 LED

Inground luminaires



Options

Light distribution



symmetric, medium beam [M]



symmetric, very narrow beam, sharp cut-off [EES]

Colour temperature

Nominal Watt



3000 K



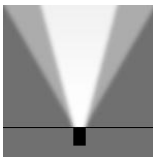

4000 K



2700 K

2 W

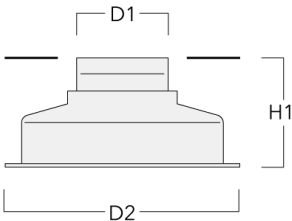
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, medium beam [M] 	185-2770	LED-1/2W / 24V AC/DC - 3000 K	233.8	2.5 W	80	1.10
	185-2771	LED-1/2W / 24V AC/DC - 4000 K	249.9	2.5 W	75	1.10
	185-3536	LED-1/2W / 24V AC/DC - 2700 K	217.7	2.5 W	80	1.10
symmetric, very narrow beam, sharp cut-off [EES] 	185-2772	LED-1/2W / 24V AC/DC - 3000 K	226.5	2.5 W	80	1.10
	185-2773	LED-1/2W / 24V AC/DC - 4000 K	242.1	2.5 W	75	1.10
	185-3537	LED-1/2W / 24V AC/DC - 2700 K	210.9	2.5 W	80	1.10

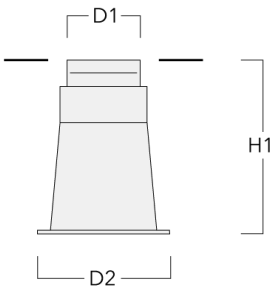
Mounting Accessories

Installation blackout

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
--------------------------	----------	----	-----	-----	------	--------	-----



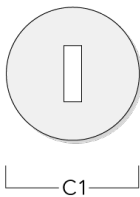
ETC110-1 LED



Inground luminaires

Installation cover

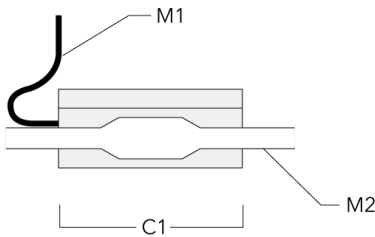
Description	Part ID	C1
Installation cover BE	185-0414	95



Electrical Accessories

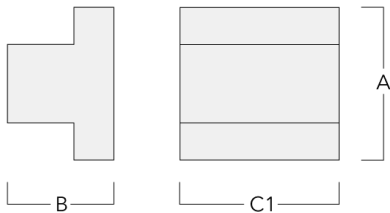
Sealable junction box

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



Transformers

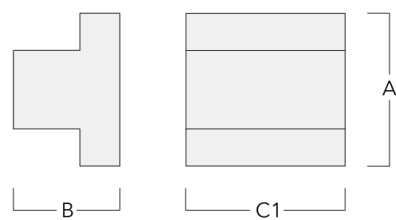
Description	Part ID	A	B	C1
Transformer TVM-AC 24 V/20W	185-2884	140	65	90



ETC110-1 LED

Inground luminaires

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



Main converter

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

