

### Description

IP67\*, Class I. Class II on request. IK08. Marine-grade all aluminium construction. Anodized aluminium extrusion. PCS hardware. Silicone rubber gasket. Safety glass lens. Luminaire can be driven over at low speed, without accelerating or turning, by vehicles with air-filled tyres, at a weight up to 5 tonnes per wheel. Max. static load, 3 tonnes (according to DIN EN 60598-2-13). Factory-sealed termination chamber complete with cable gland and 0.5 m of flexible cable, including sealable junction box SJB. Linear PMMA LED lens. Factory installed LED circuit board. LED board can be easily removed for upgrading. Luminaire is factory sealed and does not need to be opened during installation. Integral electronic converter with DALI interface in thermally-separated compartment. Luminaires with [LB/IW] [LM/IW] and [LE/IW] light distribution are supplied with honeycomb shield IW to reduce stray light.

Optional 2200 K version available. To be specified at time of ordering.

Eco Step Dim® on request.

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

## Inground luminaires

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The luminaire is not suitable for permanent underwater operation and must be switched off in the event of flooding.

\* Additionally tested to IP66, IP67, IP68 0.1 bar 3h, up to 1 m depth according to DIN EN 60598 and IP69K/80° according to DIN EN 60529.

**Specifications****Material description**

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Body	Marine-grade all aluminium construction. Anodized aluminium extrusion.
Lens	Safety glass lens
Colours	
Gasket	Silicone rubber gasket
Fasteners	PCS polymer coated stainless steel
Ingress protection	IP67
Impact resistance	IK08

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**Electrical description**

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Power supply	220-240V / 50-60 Hz
Driver / Ballast	DALI
Power factor	> 0.9
Surge protection	1/2 kV

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**Additional information**

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


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Options

Light distribution	Colour temperature	Nominal Watt
 symmetric linear, wide beam [LB]	 3000 K	0 W
 symmetric linear, medium beam [LM]	 4000 K	
 symmetric linear, narrow beam [LE]	 2700 K	
 symmetric linear, very narrow beam [LEE]		
 asymmetric linear, wallwash [LA10]		
 symmetric linear, wide beam [LB/IW]		
 symmetric linear, medium beam [LM/IW]		
 symmetric linear, narrow beam [LE/IW]		

## Configurations

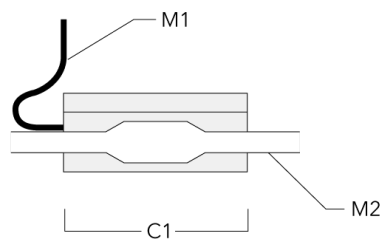
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric linear, wallwash [LA10] 	186-0248	LED-32/20W / 225 mA - 3000 K	2049.8	23.5 W	80	4.60
	186-0249	LED-32/20W / 225 mA - 4000 K	2049.8	23.5 W	80	4.60
	186-0440	LED-32/20W / 225 mA - 2700 K	2049.8	23.5 W	80	4.60
symmetric linear, medium beam [LM/IW] 	186-0386	LED-32/20W / 225 mA - 3000 K	1068.8	23.5 W	80	4.60
	186-0387	LED-32/20W / 225 mA - 4000 K	1068.8	23.5 W	80	4.60
	186-0478	LED-32/20W / 225 mA - 2700 K	1068.8	23.5 W	80	4.60
symmetric linear, medium beam [LM] 	186-0239	LED-32/20W / 225 mA - 3000 K	2140.4	23.5 W	80	4.60
	186-0240	LED-32/20W / 225 mA - 4000 K	2140.4	23.5 W	80	4.60
	186-0347	LED-32/20W / 225 mA - 2700 K	2140.4	23.5 W	80	4.60
symmetric linear, narrow beam [LE/IW] 	186-0388	LED-32/20W / 225 mA - 3000 K	1113.7	23.5 W	80	4.60
	186-0389	LED-32/20W / 225 mA - 4000 K	1113.7	23.5 W	80	4.60
	186-0479	LED-32/20W / 225 mA - 2700 K	1113.7	23.5 W	80	4.60
symmetric linear, narrow beam [LE] 	186-0242	LED-32/20W / 225 mA - 3000 K	2101.3	23.5 W	80	4.60
	186-0243	LED-32/20W / 225 mA - 4000 K	2101.3	23.5 W	80	4.60
	186-0438	LED-32/20W / 225 mA - 2700 K	2101.3	23.5 W	80	4.60
symmetric linear, very narrow beam [LEE] 	186-0245	LED-32/20W / 225 mA - 3000 K	2405.9	23.5 W	80	4.60
	186-0246	LED-32/20W / 225 mA - 4000 K	2405.9	23.5 W	80	4.60
	186-0439	LED-32/20W / 225 mA - 2700 K	2405.9	23.5 W	80	4.60
symmetric linear, wide beam [LB/IW] 	186-0384	LED-32/20W / 225 mA - 3000 K	851.5	23.5 W	80	4.60
	186-0385	LED-32/20W / 225 mA - 4000 K	851.5	23.5 W	80	4.60
	186-0477	LED-32/20W / 225 mA - 2700 K	851.5	23.5 W	80	4.60

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric linear, wide beam [LB] 	186-0236	LED-32/20W / 225 mA - 3000 K	1915.7	23.5 W	80	4.60
	186-0237	LED-32/20W / 225 mA - 4000 K	1915.7	23.5 W	80	4.60
	186-0436	LED-32/20W / 225 mA - 2700 K	1915.7	23.5 W	80	4.60

Electrical Accessories

Sealable junction box

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

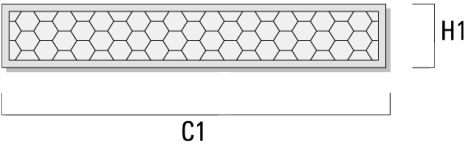




Optical Accessories

Honeycomb louvre

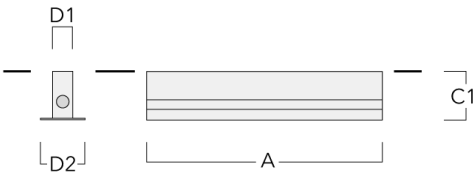
Description	Part ID	C1	H1
IW for ETV120	186-0294	598	30



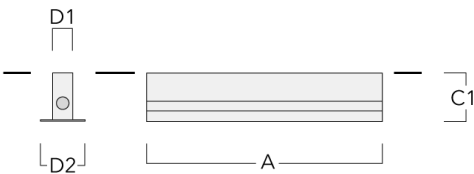
Mounting Accessories

Installation blackout, Type I

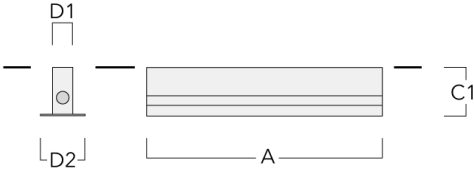
Description	Part ID	A	C1	D1	D2	Weight (kg)
BEV120-I-1/627 (1 luminaire)	186-0306	675	160	55	120	3.40



BEV120-I-2/627 (2 luminaires)	186-0307	1304	160	55	120	6.30
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Description	Part ID	A	C1	D1	D2	Weight (kg)
BEV120-I-3/627 (3 luminaires)	186-0308	1933	160	55	120	9.10



BEV120-I-4/627 (4 luminaires)	186-0309	2562	160	55	120	12
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