

**Description**

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

For 2200 K version available on request, except [EES] distribution.

**Specifications**

**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #404040; margin-right: 5px;"></div> <span>RAL7016 Anthracite grey</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.116 m <sup>2</sup>

**Electrical description**

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
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**Additional information**

Lifetime	Ta=25° L90B10 > 90000h
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**Options**

**Light distribution**



symmetric, medium beam [M]



symmetric, narrow beam [E]



symmetric, very narrow beam [EE]



symmetric, wide beam [B]



linear spread, very narrow beam [EE]



wallwash



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

**Colour temperature**



3000 K



4000 K



2700 K

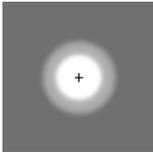
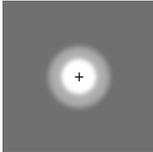
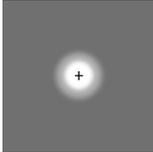
**Nominal Watt**

0 W

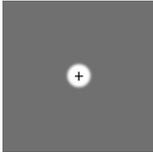
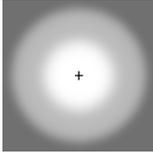
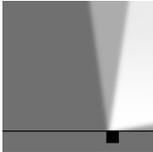
108 W

144 W

**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	139-1795+139-1861	LED-36/108W / 1050 mA - 3000 K	13228.8	115 W	80	17.50
	139-1796+139-1861	LED-36/108W / 1050 mA - 4000 K	13844.1	115 W	80	17.50
	139-1801+139-1861	LED-36/155W / 1400 mA - 3000 K	16276	162 W	80	17.50
	139-1802+139-1861	LED-36/155W / 1400 mA - 4000 K	17015.8	162 W	80	17.50
	139-1810+139-1861	LED-36/72W / 700 mA - 3000 K	8921.8	79 W	80	17.50
	139-1811+139-1861	LED-36/72W / 700 mA - 4000 K	9537.1	79 W	80	17.50
	139-2267+139-1861	LED-36/72W / 700 mA - 2700 K	8306.5	79 W	80	17.50
	139-2274+139-1861	LED-36/108W / 1050 mA - 2700 K	12613.5	115 W	80	17.50
	139-2281+139-1861	LED-36/155W / 1400 mA - 2700 K	15388.2	162 W	80	17.50
	symmetric, medium beam [M] 	139-1791	LED-36/108W / 1050 mA - 3000 K	14022.4	115 W	80
139-1792		LED-36/108W / 1050 mA - 4000 K	14674.6	115 W	80	17.50
139-1797		LED-36/155W / 1400 mA - 3000 K	17246.3	162 W	80	17.50
139-1798		LED-36/155W / 1400 mA - 4000 K	18030.3	162 W	80	17.50
139-1806		LED-36/72W / 700 mA - 3000 K	9457	79 W	80	17.50
139-1807		LED-36/72W / 700 mA - 4000 K	10109.2	79 W	80	17.50
139-2175		LED-36/155W / 1400 mA - 2700 K	16305.6	162 W	80	17.50
139-2255		LED-36/108W / 1050 mA - 2700 K	13370.2	115 W	80	17.50
139-2258		LED-36/72W / 700 mA - 2700 K	8804.8	79 W	80	17.50
symmetric, narrow beam [E] 		139-1793	LED-36/108W / 1050 mA - 3000 K	13191.4	115 W	80
	139-1794	LED-36/108W / 1050 mA - 4000 K	13805	115 W	80	17.50
	139-1799	LED-36/155W / 1400 mA - 3000 K	16236.7	162 W	80	17.50
	139-1800	LED-36/155W / 1400 mA - 4000 K	16974.7	162 W	80	17.50
	139-1808	LED-36/72W / 700 mA - 3000 K	8896.5	79 W	80	17.50
	139-1809	LED-36/72W / 700 mA - 4000 K	9510.1	79 W	80	17.50
	139-2231	LED-36/155W / 1400 mA - 2700 K	15351	162 W	80	17.50
	139-2256	LED-36/108W / 1050 mA - 2700 K	12577.9	115 W	80	17.50
	139-2259	LED-36/72W / 700 mA - 2700 K	8283	79 W	80	17.50
	symmetric, very narrow beam [EE] 	139-1795	LED-36/108W / 1050 mA - 3000 K	13881	115 W	80
139-1796		LED-36/108W / 1050 mA - 4000 K	14526.6	115 W	80	17.50
139-1801		LED-36/155W / 1400 mA - 3000 K	17400.1	162 W	80	17.50
139-1802		LED-36/155W / 1400 mA - 4000 K	18191.1	162 W	80	17.50
139-1810		LED-36/72W / 700 mA - 3000 K	9361.6	79 W	80	17.50
139-1811		LED-36/72W / 700 mA - 4000 K	10007.2	79 W	80	17.50
139-2267		LED-36/72W / 700 mA - 2700 K	8715.9	79 W	80	17.50

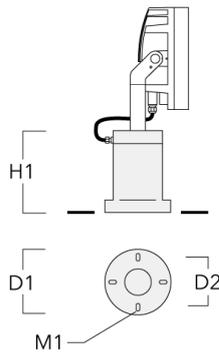
**Projectors**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, very narrow beam, sharp cut-off [EES] 	139-2274	LED-36/108W / 1050 mA - 2700 K	13235.3	115 W	80	17.50
	139-2281	LED-36/155W / 1400 mA - 2700 K	16451	162 W	80	17.50
	139-3149	LED-72/108W / 500 mA - 2700 K	9748.4	119 W	80	17.50
	139-3150	LED-72/108W / 500 mA - 3000 K	10420.7	119 W	80	17.50
	139-3151	LED-72/108W / 500 mA - 4000 K	10420.7	119 W	80	17.50
	139-3153	LED-72/144W / 700 mA - 2700 K	12773.8	159 W	80	17.50
	139-3154	LED-72/144W / 700 mA - 3000 K	13782.2	159 W	80	17.50
symmetric, wide beam [B] 	139-1955	LED-36/72W / 700 mA - 3000 K	8972.1	79 W	80	17.50
	139-1956	LED-36/72W / 700 mA - 4000 K	9590.9	79 W	80	17.50
	139-1959	LED-36/108W / 1050 mA - 3000 K	13303.5	115 W	80	17.50
	139-1960	LED-36/108W / 1050 mA - 4000 K	13922.2	115 W	80	17.50
	139-1963	LED-36/155W / 1400 mA - 3000 K	16441.1	162 W	80	17.50
	139-1964	LED-36/155W / 1400 mA - 4000 K	17188.5	162 W	80	17.50
	139-2230	LED-36/155W / 1400 mA - 2700 K	15544.3	162 W	80	17.50
	139-2254	LED-36/108W / 1050 mA - 2700 K	12684.7	115 W	80	17.50
	139-2257	LED-36/72W / 700 mA - 2700 K	8353.3	79 W	80	17.50
	wallwash 	139-1791+139-1860-AP	LED-36/108W / 1050 mA - 3000 K	11645.2	115 W	80
139-1792+139-1860-AP		LED-36/108W / 1050 mA - 4000 K	12186.8	115 W	80	17.50
139-1797+139-1860-AP		LED-36/155W / 1400 mA - 3000 K	14322.3	162 W	80	17.50
139-1798+139-1860-AP		LED-36/155W / 1400 mA - 4000 K	14973.3	162 W	80	17.50
139-1806+139-1860-AP		LED-36/72W / 700 mA - 3000 K	7853.7	79 W	80	17.50
139-1807+139-1860-AP		LED-36/72W / 700 mA - 4000 K	8395.4	79 W	80	17.50
139-2175+139-1860-AP		LED-36/155W / 1400 mA - 2700 K	13541.1	162 W	80	17.50
139-2255+139-1860-AP		LED-36/108W / 1050 mA - 2700 K	11103.5	115 W	80	17.50
139-2258+139-1860-AP		LED-36/72W / 700 mA - 2700 K	7312.1	79 W	80	17.50

**Mounting Accessories**

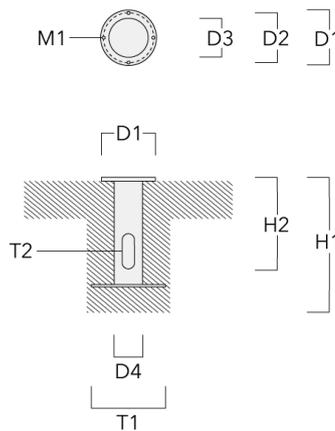
**Short post**

Description	Part ID	D1	D2	H1	M1	Weight (kg)
Short post EM1-M16	270-9038	160	130	203	9	2.10



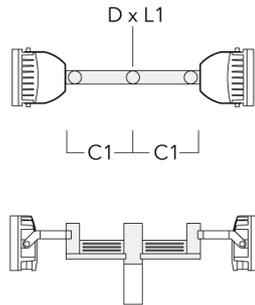
**Planted root**

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85

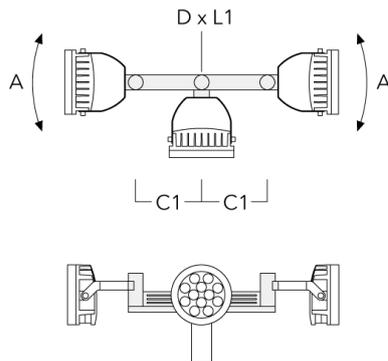


**Floodlight mounting bracket TA**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2-L Mounting bracket, double (Ø 76 x 200)	147-0105	±90°	420	76 x 200	16.10	76 x 200

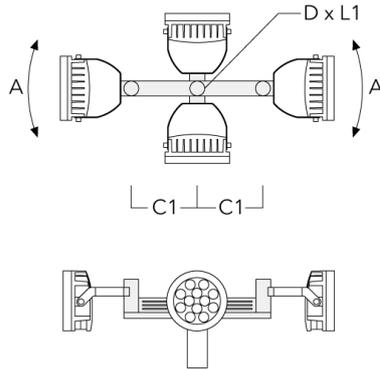


TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200
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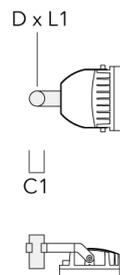


**Projectors**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA4 Mounting bracket, quad (Ø 89 x 200)	147-0099	±90°	650	89 x 200	20.80	89 x 200

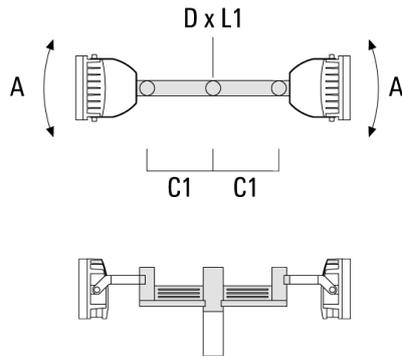


TA1 Mounting bracket, single (Ø 108 x 200)	147-0096		130	108 x 200	7.50	108 x 200
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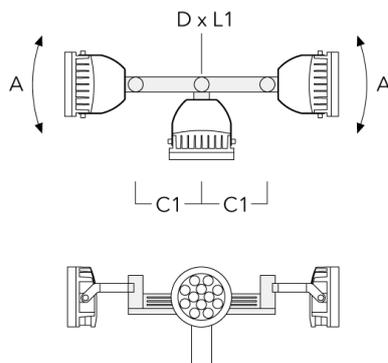


**Projectors**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2 Mounting bracket, double (Ø 108 x 200)	147-0097		130	108 x 200	7.50	108 x 200

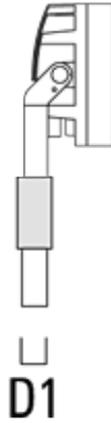


TA3 Mounting bracket, triple (Ø 108 x 200)	147-0098	±90°	650	108 x 200	24.20	108 x 200
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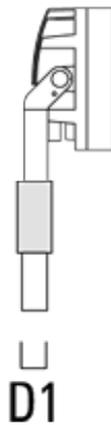


**Projectors****Spigot cap**

Description	Part ID	D1	Weight (kg)
Spigot Cap KF1-M16 (ø 60 x 100)	310-9120	60 x 100	1.40

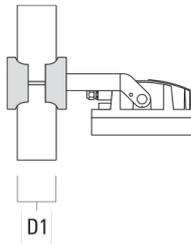


Spigot Cap KF1-M16 (ø 76 x 100)	310-9121	76 x 100	2.2
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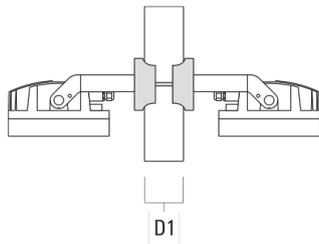


**Pole clamp SP - Tiltable**

Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-M16, single (Ø 76-89)	146-0242	76-89	1.30	76-89

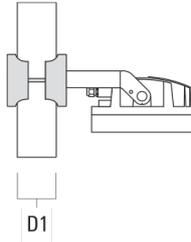


Pole clamp SP2-M16, double (Ø 76-89)	146-0244	76-89	1.50	
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**Projectors**

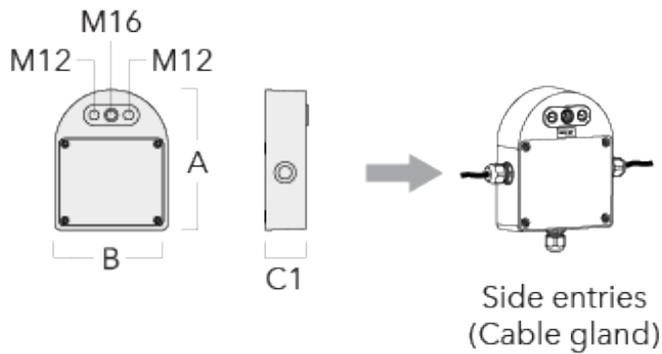
Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-M16, single (Ø 38-60)	146-0241	38-60	1.30	



Pole clamp SP2-M16, double (Ø 38-60)	146-0243	38-60	1.50	
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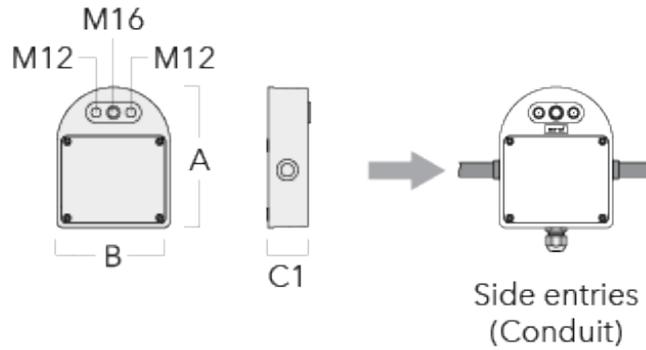
**Junction box**

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	180	143	51	1.02

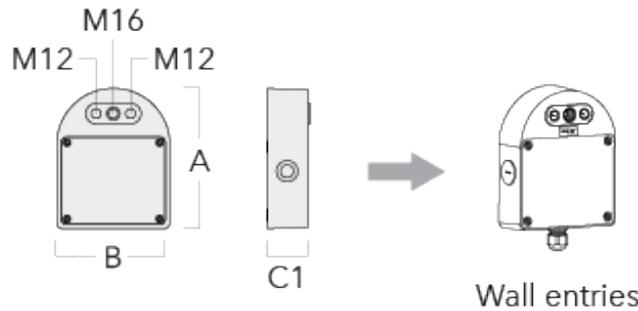


**Projectors**

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	180	143	51	1.02

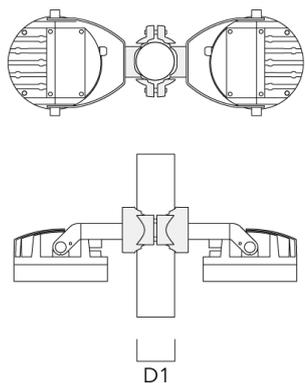


Junction box JB20 - Wall entries	310-9018	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For wall entries.	180	143	51	1.02
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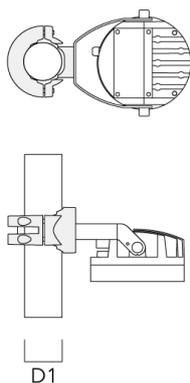


**Pole clamp PC - Rotatable**

Description	Part ID	D1	Weight (kg)
PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00

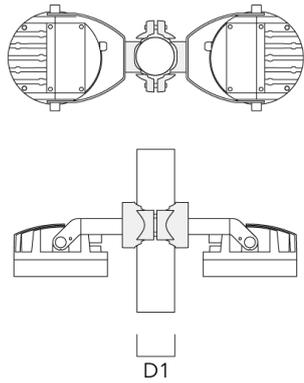


PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00
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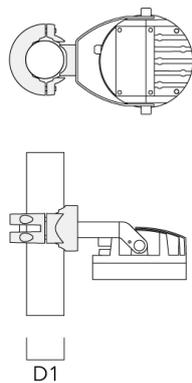


**Projectors**

Description	Part ID	D1	Weight (kg)
PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20

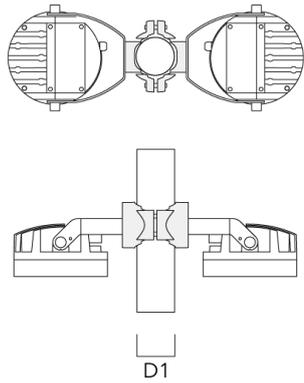


PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20
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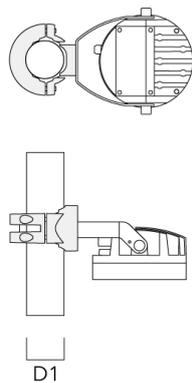


**Projectors**

Description	Part ID	D1	Weight (kg)
PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40

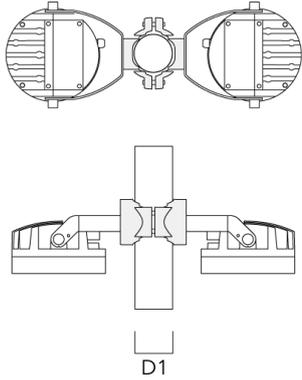


PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40
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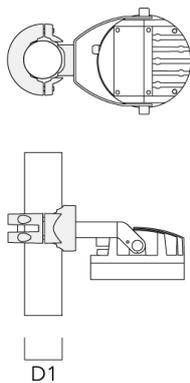


**Projectors**

Description	Part ID	D1	Weight (kg)
PC2 82-109/60 Pole camp, double (Ø 82-109)	139-2705	82-109	1.10



PC1 82-109/60 Pole camp, single (Ø 82-109)	139-2704	82-109	1.10
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**Control**

**1-10 V analogue dimming interface**

Description	Part ID	C
1-10 V analogue dimming interface	430-0011	90

**R2C Ready to Connect**

Description	Part ID
R2C Ready to Connect (top)	430-0019

**DALI interface**

Description	Part ID	Additional information
DALI interface	430-0013	DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).

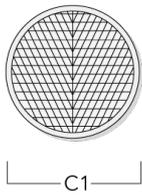
Dali 2.0  
 -Application controllers and Input devices defined  
 -Single-masters and multi-masters allowed  
 -Event priorities defined  
 -Separate addressing & grouping from control gear

Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

**Optical Accessories**

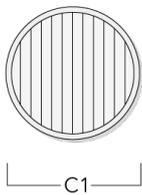
**Wallwash lens**

Description	Part ID	C1
Wallwash lens IO-20	139-1860-AP	332



**Linear spread lens**

Description	Part ID	C1
Linear spread lens IO-180	139-1861	332

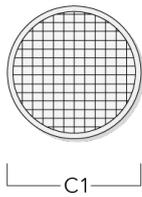


**Projectors**

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**Flood lens**

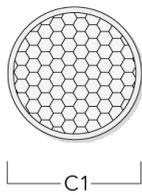
Description	Part ID	C1
Flood lens IO-360	139-1862	332



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**Honeycomb louvre**

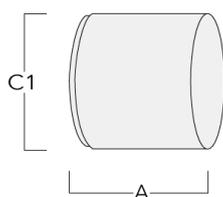
Description	Part ID	C1
Honeycomb louvre IW	139-1863	324



**Projectors**

**Snoot**

Description	Part ID	A	C1
Snoot ET	139-1865	222	393



**Glare shield**

Description	Part ID	A	C1
Glare shield ES	139-1864	222	393

