



Casey

DAMP-PROOF | DALI EM SERIES

A surface-mounted or suspended, waterproof lighting fixture suitable for industrial applications. It has a wide beam angle of 110 degrees. Suitable for use in damp or dusty conditions thanks to the extra protection factor.

Low-maintenance luminaire that is easy to clean and offers few surfaces on which dirt can settle. High energy-saving potential, even for extensively used lighting needs in spaces such as logistic and industrial, warehouses. Housing made of curved-lines polycarbonate and equipped with high quality polyurethane gasket for high durability. With an IP66 protection factor.

Casey damp-proof luminaires come in several series, with various add-on and controls:

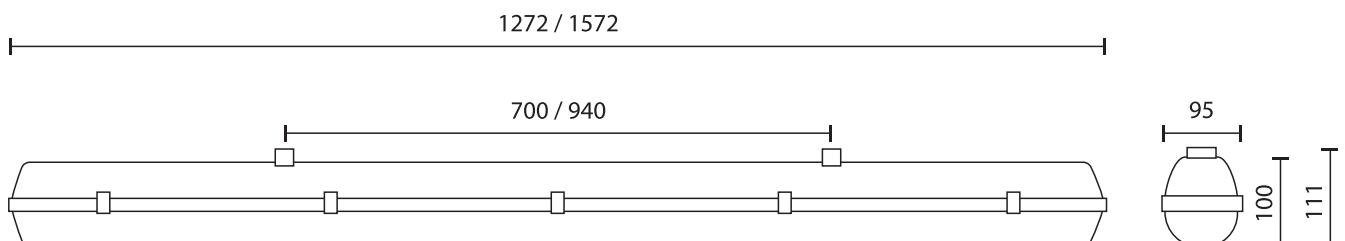
- Casey Non-DALI – the standard for any project in the retail sectors, works down to -10 degrees Celsius
- Casey Non-DALI EM – series with emergency lighting kit, works down to +5 degrees Celsius
- Casey DALI – with DALI controls for dimming, works down to -25 degrees Celsius
- Casey DALI EM – with DALI controls for illumination adjustments and emergency options, works down to +5 degrees Celsius

APPLICATIONS

Industrial & Logistic | Parking

FEATURES & BENEFITS

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K and 6500K
- Long rated life – L90/B10 at 50,000h
- High luminaire efficiency: 155 lm/W @4000K



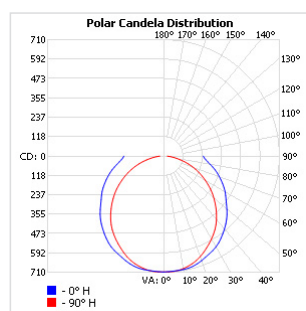
Specifications

Power consumption	15W, 25W, 32W, 38W, 50W	23W, 33W, 37W, 50W, 60W
Dimensions	1272 x 95 x 100 ± 1mm	1572 x 95 x 100 ± 1mm
Weight	2.3 - 2.4 Kg	2.7 - 2.8 Kg
Housing materials	Polycarbonate	
IK code	IK10	
THD (at 230V, 50Hz, Full load)	<10%	
Protection class	Safety class 1	
Operating temperature [°C]	+5°C ... +45°C / +41F ... +113F	
Operating humidity [%]	10 ÷ 85	
Power factor	≥0.95	
AC Input [Vac]	220 - 240 VAC	
Lens angle [°]	110°	
Lifespan [h]	50,000	
Housing color	● Gray	
Lumen maintenance	L90/B10@50.000h at 25°C	
IP factor	IP66	
Control optional	DALI	
Warranty [years]	5	
Storage temperature range [°C]	+5°C ... +25°C / +41F ... +77F	
Emergency option	EM1H , EM3H	

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K/5000K/6500K
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

Light distribution



A110

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM

BATTERY WARRANTY

Non-DALI EM & DALI EM: 12 months warranty

Non-DALI & DALI: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Power	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
< 50W	Non-DALI	37	30	18	62	51	31
≥ 50W	Non-DALI	37	30	18	62	51	31
< 80W	DALI	27	21	13	45	35	21

RISK GROUP

Standard (CRI80) RG1

FOOD (BVF, FBS, FSM) RG1

FOOD ≤35W (FZM, FSH) RG1

FOOD >35W (FZM, FSH) RG2

FAS RG1

AMB2200 RG1

ART RG1

AGI RG1

CRI90 RG1

CRI95 RG1

ENT RG1

RG1

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
2C5132 Casey 120IP66/3000/15W/80/EM1H	1272 x 95 x 100 ± 1mm	3000	2040	15W	136	110°
2C5133 Casey 120IP66/4000/15W/80/EM1H	1272 x 95 x 100 ± 1mm	4000	2125	15W	142	110°
2C5134 Casey 120IP66/5000/15W/80/EM1H	1272 x 95 x 100 ± 1mm	5000	2185	15W	146	110°
2C5135 Casey 120IP66/6500/15W/80/EM1H	1272 x 95 x 100 ± 1mm	6500	2125	15W	142	110°
2C5136 Casey 120IP66/3000/25W/80/EM1H	1272 x 95 x 100 ± 1mm	3000	3480	25W	140	110°
2C5137 Casey 120IP66/4000/25W/80/EM1H	1272 x 95 x 100 ± 1mm	4000	3625	25W	145	110°
2C5138 Casey 120IP66/5000/25W/80/EM1H	1272 x 95 x 100 ± 1mm	5000	3725	25W	149	110°
2C5139 Casey 120IP66/6500/25W/80/EM1H	1272 x 95 x 100 ± 1mm	6500	3625	25W	145	110°
2C5140 Casey 120IP66/3000/32W/80/EM1H	1272 x 95 x 100 ± 1mm	3000	4460	32W	140	110°
2C5141 Casey 120IP66/4000/32W/80/EM1H	1272 x 95 x 100 ± 1mm	4000	4650	32W	146	110°
2C5142 Casey 120IP66/5000/32W/80/EM1H	1272 x 95 x 100 ± 1mm	5000	4775	32W	150	110°
2C5143 Casey 120IP66/6500/32W/80/EM1H	1272 x 95 x 100 ± 1mm	6500	4650	32W	146	110°
2C5144 Casey 120IP66/3000/38W/80/EM1H	1272 x 95 x 100 ± 1mm	3000	5115	38W	135	110°
2C5145 Casey 120IP66/4000/38W/80/EM1H	1272 x 95 x 100 ± 1mm	4000	5335	38W	141	110°
2C5146 Casey 120IP66/5000/38W/80/EM1H	1272 x 95 x 100 ± 1mm	5000	5475	38W	145	110°
2C5147 Casey 120IP66/6500/38W/80/EM1H	1272 x 95 x 100 ± 1mm	6500	5335	38W	141	110°
2C5276 Casey 120IP66/3000/50W/80/EM1H	1272 x 95 x 100 ± 1mm	3000	6335	50W	127	110°
2C5277 Casey 120IP66/4000/50W/80/EM1H	1272 x 95 x 100 ± 1mm	4000	6605	50W	133	110°
2C5278 Casey 120IP66/5000/50W/80/EM1H	1272 x 95 x 100 ± 1mm	5000	6785	50W	136	110°
2C5279 Casey 120IP66/6500/50W/80/EM1H	1272 x 95 x 100 ± 1mm	6500	6605	50W	133	110°
2C5148 Casey 150IP66/3000/23W/80/EM1H	1572 x 95 x 100 ± 1mm	3000	3180	23W	139	110°
2C5149 Casey 150IP66/4000/23W/80/EM1H	1572 x 95 x 100 ± 1mm	4000	3315	23W	145	110°
2C5150 Casey 150IP66/5000/23W/80/EM1H	1572 x 95 x 100 ± 1mm	5000	3405	23W	149	110°
2C5151 Casey 150IP66/6500/23W/80/EM1H	1572 x 95 x 100 ± 1mm	6500	3315	23W	145	110°
2C5164 Casey 150IP66/3000/33W/80/EM1H	1572 x 95 x 100 ± 1mm	3000	4615	33W	140	110°
2C5165 Casey 150IP66/4000/33W/80/EM1H	1572 x 95 x 100 ± 1mm	4000	4810	33W	146	110°
2C5166 Casey 150IP66/5000/33W/80/EM1H	1572 x 95 x 100 ± 1mm	5000	4940	33W	150	110°
2C5167 Casey 150IP66/6500/33W/80/EM1H	1572 x 95 x 100 ± 1mm	6500	4810	33W	146	110°
2C5152 Casey 150IP66/3000/37W/80/EM1H	1572 x 95 x 100 ± 1mm	3000	5470	37W	148	110°
2C5153 Casey 150IP66/4000/37W/80/EM1H	1572 x 95 x 100 ± 1mm	4000	5705	37W	155	110°
2C5154 Casey 150IP66/5000/37W/80/EM1H	1572 x 95 x 100 ± 1mm	5000	5855	37W	159	110°
2C5155 Casey 150IP66/6500/37W/80/EM1H	1572 x 95 x 100 ± 1mm	6500	5705	37W	155	110°
2C5156 Casey 150IP66/3000/50W/80/EM1H	1572 x 95 x 100 ± 1mm	3000	6730	50W	135	110°
2C5157 Casey 150IP66/4000/50W/80/EM1H	1572 x 95 x 100 ± 1mm	4000	7010	50W	141	110°
2C5158 Casey 150IP66/5000/50W/80/EM1H	1572 x 95 x 100 ± 1mm	5000	7200	50W	144	110°
2C5159 Casey 150IP66/6500/50W/80/EM1H	1572 x 95 x 100 ± 1mm	6500	7010	50W	141	110°
2C5160 Casey 150IP66/3000/60W/80/EM1H	1572 x 95 x 100 ± 1mm	3000	7705	60W	129	110°
2C5161 Casey 150IP66/4000/60W/80/EM1H	1572 x 95 x 100 ± 1mm	4000	8030	60W	134	110°
2C5162 Casey 150IP66/5000/60W/80/EM1H	1572 x 95 x 100 ± 1mm	5000	8245	60W	138	110°
2C5163 Casey 150IP66/6500/60W/80/EM1H	1572 x 95 x 100 ± 1mm	6500	8030	60W	134	110°
2C5176 Casey 120IP66/3000/15W/80/EM3H	1272 x 95 x 100 ± 1mm	3000	2040	15W	136	110°
2C5177 Casey 120IP66/4000/15W/80/EM3H	1272 x 95 x 100 ± 1mm	4000	2125	15W	142	110°
2C5178 Casey 120IP66/5000/15W/80/EM3H	1272 x 95 x 100 ± 1mm	5000	2185	15W	146	110°
2C5179 Casey 120IP66/6500/15W/80/EM3H	1272 x 95 x 100 ± 1mm	6500	2125	15W	142	110°
2C5180 Casey 120IP66/3000/25W/80/EM3H	1272 x 95 x 100 ± 1mm	3000	3480	25W	140	110°
2C5181 Casey 120IP66/4000/25W/80/EM3H	1272 x 95 x 100 ± 1mm	4000	3625	25W	145	110°
2C5182 Casey 120IP66/5000/25W/80/EM3H	1272 x 95 x 100 ± 1mm	5000	3725	25W	149	110°
2C5183 Casey 120IP66/6500/25W/80/EM3H	1272 x 95 x 100 ± 1mm	6500	3625	25W	145	110°
2C5184 Casey 120IP66/3000/32W/80/EM3H	1272 x 95 x 100 ± 1mm	3000	4460	32W	140	110°
2C5185 Casey 120IP66/4000/32W/80/EM3H	1272 x 95 x 100 ± 1mm	4000	4650	32W	146	110°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
2C5186 Casey 120IP66/5000/32W/80/EM3H	1272 x 95 x 100 ± 1mm	5000	4775	32W	150	110°
2C5187 Casey 120IP66/6500/32W/80/EM3H	1272 x 95 x 100 ± 1mm	6500	4650	32W	146	110°
2C5188 Casey 120IP66/3000/38W/80/EM3H	1272 x 95 x 100 ± 1mm	3000	5115	38W	135	110°
2C5189 Casey 120IP66/4000/38W/80/EM3H	1272 x 95 x 100 ± 1mm	4000	5335	38W	141	110°
2C5190 Casey 120IP66/5000/38W/80/EM3H	1272 x 95 x 100 ± 1mm	5000	5475	38W	145	110°
2C5191 Casey 120IP66/6500/38W/80/EM3H	1272 x 95 x 100 ± 1mm	6500	5335	38W	141	110°
2C5280 Casey 120IP66/3000/50W/80/EM3H	1272 x 95 x 100 ± 1mm	3000	6335	50W	127	110°
2C5281 Casey 120IP66/4000/50W/80/EM3H	1272 x 95 x 100 ± 1mm	4000	6605	50W	133	110°
2C5282 Casey 120IP66/5000/50W/80/EM3H	1272 x 95 x 100 ± 1mm	5000	6785	50W	136	110°
2C5283 Casey 120IP66/6500/50W/80/EM3H	1272 x 95 x 100 ± 1mm	6500	6605	50W	133	110°
2C5192 Casey 150IP66/3000/23W/80/EM3H	1572 x 95 x 100 ± 1mm	3000	3180	23W	139	110°
2C5193 Casey 150IP66/4000/23W/80/EM3H	1572 x 95 x 100 ± 1mm	4000	3315	23W	145	110°
2C5194 Casey 150IP66/5000/23W/80/EM3H	1572 x 95 x 100 ± 1mm	5000	3405	23W	149	110°
2C5195 Casey 150IP66/6500/23W/80/EM3H	1572 x 95 x 100 ± 1mm	6500	3315	23W	145	110°
2C5208 Casey 150IP66/3000/33W/80/EM3H	1572 x 95 x 100 ± 1mm	3000	4615	33W	140	110°
2C5209 Casey 150IP66/4000/33W/80/EM3H	1572 x 95 x 100 ± 1mm	4000	4810	33W	146	110°
2C5210 Casey 150IP66/5000/33W/80/EM3H	1572 x 95 x 100 ± 1mm	5000	4940	33W	150	110°
2C5211 Casey 150IP66/6500/33W/80/EM3H	1572 x 95 x 100 ± 1mm	6500	4810	33W	146	110°
2C5196 Casey 150IP66/3000/37W/80/EM3H	1572 x 95 x 100 ± 1mm	3000	5470	37W	148	110°
2C5197 Casey 150IP66/4000/37W/80/EM3H	1572 x 95 x 100 ± 1mm	4000	5705	37W	155	110°
2C5198 Casey 150IP66/5000/37W/80/EM3H	1572 x 95 x 100 ± 1mm	5000	5855	37W	159	110°
2C5199 Casey 150IP66/6500/37W/80/EM3H	1572 x 95 x 100 ± 1mm	6500	5705	37W	155	110°
2C5200 Casey 150IP66/3000/50W/80/EM3H	1572 x 95 x 100 ± 1mm	3000	6730	50W	135	110°
2C5201 Casey 150IP66/4000/50W/80/EM3H	1572 x 95 x 100 ± 1mm	4000	7010	50W	141	110°
2C5202 Casey 150IP66/5000/50W/80/EM3H	1572 x 95 x 100 ± 1mm	5000	7200	50W	144	110°
2C5203 Casey 150IP66/6500/50W/80/EM3H	1572 x 95 x 100 ± 1mm	6500	7010	50W	141	110°
2C5204 Casey 150IP66/3000/60W/80/EM3H	1572 x 95 x 100 ± 1mm	3000	7705	60W	129	110°
2C5205 Casey 150IP66/4000/60W/80/EM3H	1572 x 95 x 100 ± 1mm	4000	8030	60W	134	110°
2C5206 Casey 150IP66/5000/60W/80/EM3H	1572 x 95 x 100 ± 1mm	5000	8245	60W	138	110°
2C5207 Casey 150IP66/6500/60W/80/EM3H	1572 x 95 x 100 ± 1mm	6500	8030	60W	134	110°