



Casey

DAMP-PROOF | DALI 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:

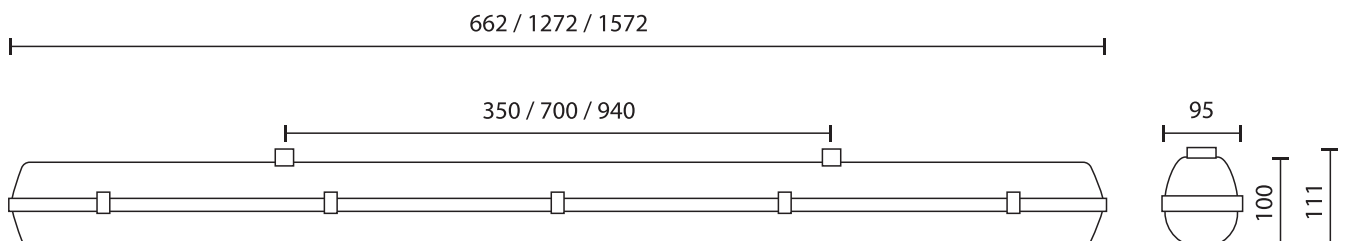
- Casey Non-DALI – the standard for any project in the retail sectors, works down to -10 degrees Celsius
- Casey Non-DALI EM – series with emergency lighting kit, works down to +5 degrees Celsius
- Casey DALI – with DALI controls for dimming, works down to -25 degrees Celsius
- Casey DALI EM – with DALI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

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

APPLICATIONS

Industrial & Logistic | Parking



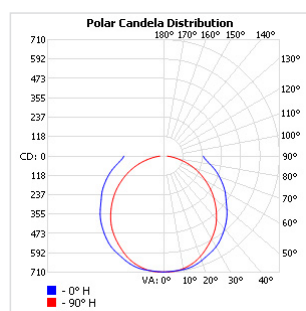
Specifications

Power consumption	8W, 15W	15W, 25W, 32W, 38W, 50W	23W, 33W, 37W, 50W, 60W
Dimensions	662 x 95 x 100 ± 1mm	1272 x 95 x 100 ± 1mm	1572 x 95 x 100 ± 1mm
Weight	1.3 - 1.4 Kg	2 - 2.1 Kg	2.4 - 2.6 Kg
Housing materials	Polycarbonate		
IK code	IK10		
THD (at 230V, 50Hz, Full load)	<10%		
Protection class	Safety class 1		
Operating temperature [°C]	-25°C ... +45°C / -13F ... +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]	-25°C ... +45°C / +14F ... +113F		
Emergency option	-		

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



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						
2C5000 Casey 60IP66/3000/8W/80	662 x 95 x 100 ± 1mm	3000	960	8W	120	110°
2C5001 Casey 60IP66/4000/8W/80	662 x 95 x 100 ± 1mm	4000	1005	8W	126	110°
2C5002 Casey 60IP66/5000/8W/80	662 x 95 x 100 ± 1mm	5000	1030	8W	129	110°
2C5003 Casey 60IP66/6500/8W/80	662 x 95 x 100 ± 1mm	6500	1005	8W	126	110°
2C5004 Casey 60IP66/3000/15W/80	662 x 95 x 100 ± 1mm	3000	1775	15W	119	110°
2C5005 Casey 60IP66/4000/15W/80	662 x 95 x 100 ± 1mm	4000	1850	15W	124	110°
2C5006 Casey 60IP66/5000/15W/80	662 x 95 x 100 ± 1mm	5000	1900	15W	127	110°
2C5007 Casey 60IP66/6500/15W/80	662 x 95 x 100 ± 1mm	6500	1850	15W	124	110°
2C5008 Casey 120IP66/3000/15W/80	1272 x 95 x 100 ± 1mm	3000	2040	15W	136	110°
2C5009 Casey 120IP66/4000/15W/80	1272 x 95 x 100 ± 1mm	4000	2125	15W	142	110°
2C5010 Casey 120IP66/5000/15W/80	1272 x 95 x 100 ± 1mm	5000	2185	15W	146	110°
2C5011 Casey 120IP66/6500/15W/80	1272 x 95 x 100 ± 1mm	6500	2125	15W	142	110°
2C5108 Casey 120IP66/3000/25W/80	1272 x 95 x 100 ± 1mm	3000	3480	25W	140	110°
2C5109 Casey 120IP66/4000/25W/80	1272 x 95 x 100 ± 1mm	4000	3625	25W	145	110°
2C5110 Casey 120IP66/5000/25W/80	1272 x 95 x 100 ± 1mm	5000	3725	25W	149	110°
2C5111 Casey 120IP66/6500/25W/80	1272 x 95 x 100 ± 1mm	6500	3625	25W	145	110°
2C5012 Casey 120IP66/3000/32W/80	1272 x 95 x 100 ± 1mm	3000	4460	32W	140	110°
2C5013 Casey 120IP66/4000/32W/80	1272 x 95 x 100 ± 1mm	4000	4650	32W	146	110°
2C5014 Casey 120IP66/5000/32W/80	1272 x 95 x 100 ± 1mm	5000	4775	32W	150	110°
2C5015 Casey 120IP66/6500/32W/80	1272 x 95 x 100 ± 1mm	6500	4650	32W	146	110°
2C5016 Casey 120IP66/3000/38W/80	1272 x 95 x 100 ± 1mm	3000	5115	38W	135	110°
2C5017 Casey 120IP66/4000/38W/80	1272 x 95 x 100 ± 1mm	4000	5335	38W	141	110°
2C5018 Casey 120IP66/5000/38W/80	1272 x 95 x 100 ± 1mm	5000	5475	38W	145	110°
2C5019 Casey 120IP66/6500/38W/80	1272 x 95 x 100 ± 1mm	6500	5335	38W	141	110°
2C5268 Casey 120IP66/3000/50W/80	1272 x 95 x 100 ± 1mm	3000	6335	50W	127	110°
2C5269 Casey 120IP66/4000/50W/80	1272 x 95 x 100 ± 1mm	4000	6605	50W	133	110°
2C5270 Casey 120IP66/5000/50W/80	1272 x 95 x 100 ± 1mm	5000	6785	50W	136	110°
2C5271 Casey 120IP66/6500/50W/80	1272 x 95 x 100 ± 1mm	6500	6605	50W	133	110°
2C5020 Casey 150IP66/3000/23W/80	1572 x 95 x 100 ± 1mm	3000	3180	23W	139	110°
2C5021 Casey 150IP66/4000/23W/80	1572 x 95 x 100 ± 1mm	4000	3315	23W	145	110°
2C5022 Casey 150IP66/5000/23W/80	1572 x 95 x 100 ± 1mm	5000	3405	23W	149	110°
2C5023 Casey 150IP66/6500/23W/80	1572 x 95 x 100 ± 1mm	6500	3315	23W	145	110°
2C5112 Casey 150IP66/3000/33W/80	1572 x 95 x 100 ± 1mm	3000	4615	33W	140	110°
2C5113 Casey 150IP66/4000/33W/80	1572 x 95 x 100 ± 1mm	4000	4810	33W	146	110°
2C5114 Casey 150IP66/5000/33W/80	1572 x 95 x 100 ± 1mm	5000	4940	33W	150	110°
2C5115 Casey 150IP66/6500/33W/80	1572 x 95 x 100 ± 1mm	6500	4810	33W	146	110°
2C5024 Casey 150IP66/3000/37W/80	1572 x 95 x 100 ± 1mm	3000	5470	37W	148	110°
2C5025 Casey 150IP66/4000/37W/80	1572 x 95 x 100 ± 1mm	4000	5705	37W	155	110°
2C5026 Casey 150IP66/5000/37W/80	1572 x 95 x 100 ± 1mm	5000	5855	37W	159	110°
2C5027 Casey 150IP66/6500/37W/80	1572 x 95 x 100 ± 1mm	6500	5705	37W	155	110°
2C5028 Casey 150IP66/3000/50W/80	1572 x 95 x 100 ± 1mm	3000	6730	50W	135	110°
2C5029 Casey 150IP66/4000/50W/80	1572 x 95 x 100 ± 1mm	4000	7010	50W	141	110°
2C5030 Casey 150IP66/5000/50W/80	1572 x 95 x 100 ± 1mm	5000	7200	50W	144	110°
2C5031 Casey 150IP66/6500/50W/80	1572 x 95 x 100 ± 1mm	6500	7010	50W	141	110°
2C5032 Casey 150IP66/3000/60W/80	1572 x 95 x 100 ± 1mm	3000	7705	60W	129	110°
2C5033 Casey 150IP66/4000/60W/80	1572 x 95 x 100 ± 1mm	4000	8030	60W	134	110°
2C5034 Casey 150IP66/5000/60W/80	1572 x 95 x 100 ± 1mm	5000	8245	60W	138	110°
2C5035 Casey 150IP66/6500/60W/80	1572 x 95 x 100 ± 1mm	6500	8030	60W	134	110°
2C5036 Casey 60IP66/3000/8W/80/DSPC	662 x 95 x 100 ± 1mm	3000	960	8W	120	110°
2C5037 Casey 60IP66/4000/8W/80/DSPC	662 x 95 x 100 ± 1mm	4000	1005	8W	126	110°

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 80						
2C5038 Casey 60IP66/5000/8W/80/DSPC	662 x 95 x 100 ± 1mm	5000	1030	8W	129	110°
2C5039 Casey 60IP66/6500/8W/80/DSPC	662 x 95 x 100 ± 1mm	6500	1005	8W	126	110°
2C5040 Casey 60IP66/3000/15W/80/DSPC	662 x 95 x 100 ± 1mm	3000	1775	15W	119	110°
2C5041 Casey 60IP66/4000/15W/80/DSPC	662 x 95 x 100 ± 1mm	4000	1850	15W	124	110°
2C5042 Casey 60IP66/5000/15W/80/DSPC	662 x 95 x 100 ± 1mm	5000	1900	15W	127	110°
2C5043 Casey 60IP66/6500/15W/80/DSPC	662 x 95 x 100 ± 1mm	6500	1850	15W	124	110°
2C5044 Casey 120IP66/3000/15W/80/DSPC	1272 x 95 x 100 ± 1mm	3000	2040	15W	136	110°
2C5045 Casey 120IP66/4000/15W/80/DSPC	1272 x 95 x 100 ± 1mm	4000	2125	15W	142	110°
2C5046 Casey 120IP66/5000/15W/80/DSPC	1272 x 95 x 100 ± 1mm	5000	2185	15W	146	110°
2C5047 Casey 120IP66/6500/15W/80/DSPC	1272 x 95 x 100 ± 1mm	6500	2125	15W	142	110°
2C5116 Casey 120IP66/3000/25W/80/DSPC	1272 x 95 x 100 ± 1mm	3000	3480	25W	140	110°
2C5117 Casey 120IP66/4000/25W/80/DSPC	1272 x 95 x 100 ± 1mm	4000	3625	25W	145	110°
2C5118 Casey 120IP66/5000/25W/80/DSPC	1272 x 95 x 100 ± 1mm	5000	3725	25W	149	110°
2C5119 Casey 120IP66/6500/25W/80/DSPC	1272 x 95 x 100 ± 1mm	6500	3625	25W	145	110°
2C5048 Casey 120IP66/3000/32W/80/DSPC	1272 x 95 x 100 ± 1mm	3000	4460	32W	140	110°
2C5049 Casey 120IP66/4000/32W/80/DSPC	1272 x 95 x 100 ± 1mm	4000	4650	32W	146	110°
2C5050 Casey 120IP66/5000/32W/80/DSPC	1272 x 95 x 100 ± 1mm	5000	4775	32W	150	110°
2C5051 Casey 120IP66/6500/32W/80/DSPC	1272 x 95 x 100 ± 1mm	6500	4650	32W	146	110°
2C5052 Casey 120IP66/3000/38W/80/DSPC	1272 x 95 x 100 ± 1mm	3000	5115	38W	135	110°
2C5053 Casey 120IP66/4000/38W/80/DSPC	1272 x 95 x 100 ± 1mm	4000	5335	38W	141	110°
2C5054 Casey 120IP66/5000/38W/80/DSPC	1272 x 95 x 100 ± 1mm	5000	5475	38W	145	110°
2C5055 Casey 120IP66/6500/38W/80/DSPC	1272 x 95 x 100 ± 1mm	6500	5335	38W	141	110°
2C5272 Casey 120IP66/3000/50W/80/DSPC	1272 x 95 x 100 ± 1mm	3000	6335	50W	127	110°
2C5273 Casey 120IP66/4000/50W/80/DSPC	1272 x 95 x 100 ± 1mm	4000	6605	50W	133	110°
2C5274 Casey 120IP66/5000/50W/80/DSPC	1272 x 95 x 100 ± 1mm	5000	6785	50W	136	110°
2C5275 Casey 120IP66/6500/50W/80/DSPC	1272 x 95 x 100 ± 1mm	6500	6605	50W	133	110°
2C5056 Casey 150IP66/3000/23W/80/DSPC	1572 x 95 x 100 ± 1mm	3000	3180	23W	139	110°
2C5057 Casey 150IP66/4000/23W/80/DSPC	1572 x 95 x 100 ± 1mm	4000	3315	23W	145	110°
2C5058 Casey 150IP66/5000/23W/80/DSPC	1572 x 95 x 100 ± 1mm	5000	3405	23W	149	110°
2C5059 Casey 150IP66/6500/23W/80/DSPC	1572 x 95 x 100 ± 1mm	6500	3315	23W	145	110°
2C5120 Casey 150IP66/3000/33W/80/DSPC	1572 x 95 x 100 ± 1mm	3000	4615	33W	140	110°
2C5121 Casey 150IP66/4000/33W/80/DSPC	1572 x 95 x 100 ± 1mm	4000	4810	33W	146	110°
2C5122 Casey 150IP66/5000/33W/80/DSPC	1572 x 95 x 100 ± 1mm	5000	4940	33W	150	110°
2C5123 Casey 150IP66/6500/33W/80/DSPC	1572 x 95 x 100 ± 1mm	6500	4810	33W	146	110°
2C5060 Casey 150IP66/3000/37W/80/DSPC	1572 x 95 x 100 ± 1mm	3000	5470	37W	148	110°
2C5061 Casey 150IP66/4000/37W/80/DSPC	1572 x 95 x 100 ± 1mm	4000	5705	37W	155	110°
2C5062 Casey 150IP66/5000/37W/80/DSPC	1572 x 95 x 100 ± 1mm	5000	5855	37W	159	110°
2C5063 Casey 150IP66/6500/37W/80/DSPC	1572 x 95 x 100 ± 1mm	6500	5705	37W	155	110°
2C5064 Casey 150IP66/3000/50W/80/DSPC	1572 x 95 x 100 ± 1mm	3000	6730	50W	135	110°
2C5065 Casey 150IP66/4000/50W/80/DSPC	1572 x 95 x 100 ± 1mm	4000	7010	50W	141	110°
2C5066 Casey 150IP66/5000/50W/80/DSPC	1572 x 95 x 100 ± 1mm	5000	7200	50W	144	110°
2C5067 Casey 150IP66/6500/50W/80/DSPC	1572 x 95 x 100 ± 1mm	6500	7010	50W	141	110°
2C5068 Casey 150IP66/3000/60W/80/DSPC	1572 x 95 x 100 ± 1mm	3000	7705	60W	129	110°
2C5069 Casey 150IP66/4000/60W/80/DSPC	1572 x 95 x 100 ± 1mm	4000	8030	60W	134	110°
2C5070 Casey 150IP66/5000/60W/80/DSPC	1572 x 95 x 100 ± 1mm	5000	8245	60W	138	110°
2C5071 Casey 150IP66/6500/60W/80/DSPC	1572 x 95 x 100 ± 1mm	6500	8030	60W	134	110°

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