



## Ennio SM PC

### SURFACE MOUNTED | DALI SERIES

Ennio SM PC is a versatile surface mounted luminaire. Ennio creates a mellow ambient, pleasant light, appropriate for office environments in particular. It can be equipped with dimming and emergency kits.

Ennio SM PC has several series, determined by various add-on and controls:

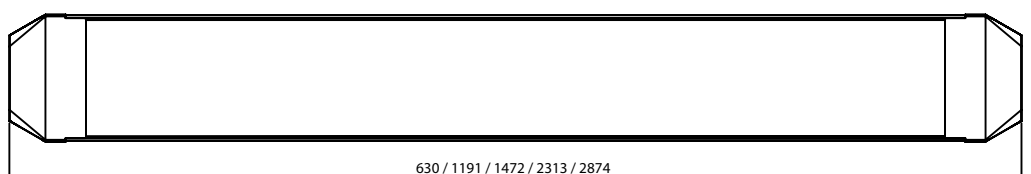
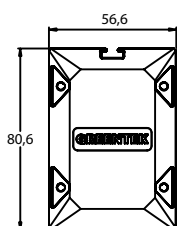
- Ennio SM PC Non-DALI: the standard version
- Ennio SM PC Non-DALI EM: the standard version with emergency option
- Ennio SM PC DALI: with DALI controls for illumination adjustments
- Ennio SM PC DALI EM: with DALI controls for illumination adjustments and emergency options

### FEATURES & BENEFITS

- CRI 80 as standard
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Long rated life: L90/B10@50.000h
- Luminaire efficiency: 113 lm/w @4000K

### APPLICATION

Office | Healthcare | Hospitality | DIY



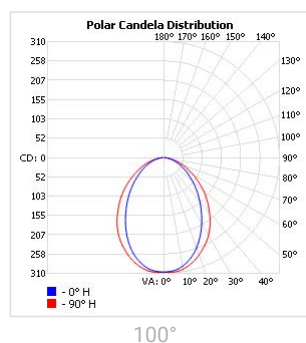
## SPECIFICATIONS

Power consumption (W)	8, 15, 24	15, 25, 32, 38, 50	23, 33, 37, 50, 60	30, 50, 64, 76, 100	46, 66, 74, 100, 120
Dimensions (mm)	630 x 57 x 81 ± 1	1191 x 57 x 81 ± 1	1472 x 57 x 81 ± 1	2313 x 57 x 81 ± 1	2874 x 57 x 81 ± 1
Weight (kg)	1.9	3	3.6	5.6	6.7
DALI addresses	1 address	1 address	1 address	2 addresses	2 addresses
Housing materials	Aluminum & Polycarbonate				
IK code	IK02				
THD (at 230V, 50Hz, Full load)	<9%				
Protection class	Safety class 1				
Operating temperature [°C]	-20°C ... +45°C / -4F ... +113F				
Operating humidity [%]	10 ÷ 85				
Power factor	≥0.95				
AC Input [Vac]	220 - 240 VAC				
Lens angle [°] (UP/DOWN)	100°				
Lifespan [h]	50,000				
Housing color	○ White - RAL 9003, ● Anodised black, ● Anodised grey				
Lumen maintenance	L90/B10@50.000h at 25°C				
IP factor	IP20				
Control optional	DALI				
Warranty [years]	5				
Storage temperature range [°C]	-20°C ... +55°C / -4F ... +131F				
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	38	30	19	62	51	31
≥ 50W	Non-DALI	38	30	19	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 (°)
<b>CRI 80</b>						
2B30000 EnnioSM 60SM/3000/8W/80/PC	630 x 57 x 81 mm	3000	705	8W	89	100°
2B30001 EnnioSM 60SM/4000/8W/80/PC	630 x 57 x 81 mm	4000	735	8W	92	100°
2B30002 EnnioSM 60SM/5000/8W/80/PC	630 x 57 x 81 mm	5000	755	8W	95	100°
2B30003 EnnioSM 60SM/6500/8W/80/PC	630 x 57 x 81 mm	6500	735	8W	92	100°
2B30004 EnnioSM 60SM/3000/15W/80/PC	630 x 57 x 81 mm	3000	1225	15W	82	100°
2B30005 EnnioSM 60SM/4000/15W/80/PC	630 x 57 x 81 mm	4000	1280	15W	86	100°
2B30006 EnnioSM 60SM/5000/15W/80/PC	630 x 57 x 81 mm	5000	1315	15W	88	100°
2B30007 EnnioSM 60SM/6500/15W/80/PC	630 x 57 x 81 mm	6500	1280	15W	86	100°
2B30008 EnnioSM 60SM/3000/24W/80/PC	630 x 57 x 81 mm	3000	1970	24W	83	100°
2B30009 EnnioSM 60SM/4000/24W/80/PC	630 x 57 x 81 mm	4000	2065	24W	87	100°
2B30010 EnnioSM 60SM/5000/24W/80/PC	630 x 57 x 81 mm	5000	2115	24W	89	100°
2B30011 EnnioSM 60SM/6500/24W/80/PC	630 x 57 x 81 mm	6500	2065	24W	87	100°
2B30012 EnnioSM 120SM/3000/15W/80/PC	1191 x 57 x 81 mm	3000	1530	15W	102	100°
2B30013 EnnioSM 120SM/4000/15W/80/PC	1191 x 57 x 81 mm	4000	1595	15W	107	100°
2B30014 EnnioSM 120SM/5000/15W/80/PC	1191 x 57 x 81 mm	5000	1640	15W	110	100°
2B30015 EnnioSM 120SM/6500/15W/80/PC	1191 x 57 x 81 mm	6500	1595	15W	107	100°
2B30016 EnnioSM 120SM/3000/25W/80/PC	1191 x 57 x 81 mm	3000	2680	25W	108	100°
2B30017 EnnioSM 120SM/4000/25W/80/PC	1191 x 57 x 81 mm	4000	2795	25W	112	100°
2B30018 EnnioSM 120SM/5000/25W/80/PC	1191 x 57 x 81 mm	5000	2870	25W	115	100°
2B30019 EnnioSM 120SM/6500/25W/80/PC	1191 x 57 x 81 mm	6500	2795	25W	112	100°
2B30020 EnnioSM 120SM/3000/32W/80/PC	1191 x 57 x 81 mm	3000	3190	32W	100	100°
2B30021 EnnioSM 120SM/4000/32W/80/PC	1159 x 74 x 81mm	4000	3325	32W	104	100°
2B30022 EnnioSM 120SM/5000/32W/80/PC	1191 x 57 x 81 mm	5000	3415	32W	107	100°
2B30023 EnnioSM 120SM/6500/32W/80/PC	1191 x 57 x 81 mm	6500	3325	32W	104	100°
2B30024 EnnioSM 120SM/3000/38W/80/PC	1191 x 57 x 81 mm	3000	3810	38W	101	100°
2B30025 EnnioSM 120SM/4000/38W/80/PC	1191 x 57 x 81 mm	4000	3970	38W	105	100°
2B30026 EnnioSM 120SM/5000/38W/80/PC	1191 x 57 x 81 mm	5000	4075	38W	108	100°
2B30027 EnnioSM 120SM/6500/38W/80/PC	1191 x 57 x 81 mm	6500	3970	38W	105	100°
2B30028 EnnioSM 120SM/3000/50W/80/PC	1191 x 57 x 81 mm	3000	4620	50W	93	100°
2B30029 EnnioSM 120SM/4000/50W/80/PC	1191 x 57 x 81 mm	4000	4815	50W	97	100°
2B30030 EnnioSM 120SM/5000/50W/80/PC	1191 x 57 x 81 mm	5000	4945	50W	99	100°
2B30031 EnnioSM 120SM/6500/50W/80/PC	1191 x 57 x 81 mm	6500	4815	50W	97	100°
2B30032 EnnioSM 150SM/3000/23W/80/PC	1472 x 57 x 81 mm	3000	2450	23W	107	100°
2B30033 EnnioSM 150SM/4000/23W/80/PC	1472 x 57 x 81 mm	4000	2550	23W	111	100°
2B30034 EnnioSM 150SM/5000/23W/80/PC	1472 x 57 x 81 mm	5000	2620	23W	114	100°
2B30035 EnnioSM 150SM/6500/23W/80/PC	1472 x 57 x 81 mm	6500	2550	23W	111	100°
2B30036 EnnioSM 150SM/3000/33W/80/PC	1472 x 57 x 81 mm	3000	3555	33W	108	100°
2B30037 EnnioSM 150SM/4000/33W/80/PC	1472 x 57 x 81 mm	4000	3705	33W	113	100°
2B30038 EnnioSM 150SM/5000/33W/80/PC	1472 x 57 x 81 mm	5000	3805	33W	116	100°
2B30039 EnnioSM 150SM/6500/33W/80/PC	1472 x 57 x 81 mm	6500	3705	33W	113	100°
2B30040 EnnioSM 150SM/3000/37W/80/PC	1472 x 57 x 81 mm	3000	3810	37W	103	100°
2B30041 EnnioSM 150SM/4000/37W/80/PC	1472 x 57 x 81 mm	4000	3970	37W	108	100°
2B30042 EnnioSM 150SM/5000/37W/80/PC	1472 x 57 x 81 mm	5000	4075	37W	111	100°
2B30043 EnnioSM 150SM/6500/37W/80/PC	1472 x 57 x 81 mm	6500	3970	37W	108	100°
2B30044 EnnioSM 150SM/3000/50W/80/PC	1472 x 57 x 81 mm	3000	5000	50W	100	100°
2B30045 EnnioSM 150SM/4000/50W/80/PC	1472 x 57 x 81 mm	4000	5210	50W	105	100°
2B30046 EnnioSM 150SM/5000/50W/80/PC	1472 x 57 x 81 mm	5000	5355	50W	108	100°
2B30047 EnnioSM 150SM/6500/50W/80/PC	1472 x 57 x 81 mm	6500	5210	50W	105	100°
2B30048 EnnioSM 150SM/3000/60W/80/PC	1472 x 57 x 81 mm	3000	5750	60W	96	100°

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 80</b>						
2B30049 EnnioSM 150SM/4000/60W/80/PC	1472 x 57 x 81 mm	4000	5995	60W	100	100°
2B30050 EnnioSM 150SM/5000/60W/80/PC	1472 x 57 x 81 mm	5000	6155	60W	103	100°
2B30051 EnnioSM 150SM/6500/60W/80/PC	1472 x 57 x 81 mm	6500	5995	60W	100	100°
2B30052 EnnioSM 240SM/3000/30W/80/PC	2313 x 57 x 81 mm	3000	3060	30W	102	100°
2B30053 EnnioSM 240SM/4000/30W/80/PC	2313 x 57 x 81 mm	4000	3190	30W	107	100°
2B30054 EnnioSM 240SM/5000/30W/80/PC	2313 x 57 x 81 mm	5000	3280	30W	110	100°
2B30055 EnnioSM 240SM/6500/30W/80/PC	2313 x 57 x 81 mm	6500	3190	30W	107	100°
2B30056 EnnioSM 240SM/3000/50W/80/PC	2313 x 57 x 81 mm	3000	5360	50W	108	100°
2B30057 EnnioSM 240SM/4000/50W/80/PC	2313 x 57 x 81 mm	4000	5590	50W	112	100°
2B30058 EnnioSM 240SM/5000/50W/80/PC	2313 x 57 x 81 mm	5000	5740	50W	115	100°
2B30059 EnnioSM 240SM/6500/50W/80/PC	2313 x 57 x 81 mm	6500	5590	50W	112	100°
2B30060 EnnioSM 240SM/3000/64W/80/PC	2313 x 57 x 81 mm	3000	6380	64W	100	100°
2B30061 EnnioSM 240SM/4000/64W/80/PC	2313 x 57 x 81 mm	4000	6650	64W	104	100°
2B30062 EnnioSM 240SM/5000/64W/80/PC	2313 x 57 x 81 mm	5000	6830	64W	107	100°
2B30063 EnnioSM 240SM/6500/64W/80/PC	2313 x 57 x 81 mm	6500	6650	64W	104	100°
2B30064 EnnioSM 240SM/3000/76W/80/PC	2313 x 57 x 81 mm	3000	7620	76W	101	100°
2B30065 EnnioSM 240SM/4000/76W/80/PC	2313 x 57 x 81 mm	4000	7940	76W	105	100°
2B30066 EnnioSM 240SM/5000/76W/80/PC	2313 x 57 x 81 mm	5000	8150	76W	108	100°
2B30067 EnnioSM 240SM/6500/76W/80/PC	2313 x 57 x 81 mm	6500	7940	76W	105	100°
2B30068 EnnioSM 240SM/3000/100W/80/PC	2313 x 57 x 81 mm	3000	9240	100W	93	100°
2B30069 EnnioSM 240SM/4000/100W/80/PC	2313 x 57 x 81 mm	4000	9630	100W	97	100°
2B30070 EnnioSM 240SM/5000/100W/80/PC	2313 x 57 x 81 mm	5000	9890	100W	99	100°
2B30071 EnnioSM 240SM/6500/100W/80/PC	2313 x 57 x 81 mm	6500	9630	100W	97	100°
2B30072 EnnioSM 300SM/3000/46W/80/PC	2874 x 57 x 81 mm	3000	4900	46W	107	100°
2B30073 EnnioSM 300SM/4000/46W/80/PC	2874 x 57 x 81 mm	4000	5100	46W	111	100°
2B30074 EnnioSM 300SM/5000/46W/80/PC	2874 x 57 x 81 mm	5000	5240	46W	114	100°
2B30075 EnnioSM 300SM/6500/46W/80/PC	2874 x 57 x 81 mm	6500	5100	46W	111	100°
2B30076 EnnioSM 300SM/3000/66W/80/PC	2874 x 57 x 81 mm	3000	7110	66W	108	100°
2B30077 EnnioSM 300SM/4000/66W/80/PC	2874 x 57 x 81 mm	4000	7410	66W	113	100°
2B30078 EnnioSM 300SM/5000/66W/80/PC	2874 x 57 x 81 mm	5000	7610	66W	116	100°
2B30079 EnnioSM 300SM/6500/66W/80/PC	2874 x 57 x 81 mm	6500	7410	66W	113	100°
2B30080 EnnioSM 300SM/3000/74W/80/PC	2874 x 57 x 81 mm	3000	7620	74W	103	100°
2B30081 EnnioSM 300SM/4000/74W/80/PC	2874 x 57 x 81 mm	4000	7940	74W	108	100°
2B30082 EnnioSM 300SM/5000/74W/80/PC	2874 x 57 x 81 mm	5000	8150	74W	111	100°
2B30083 EnnioSM 300SM/6500/74W/80/PC	2874 x 57 x 81 mm	6500	7940	74W	108	100°
2B30084 EnnioSM 300SM/3000/100W/80/PC	2874 x 57 x 81 mm	3000	10000	100W	100	100°
2B30085 EnnioSM 300SM/4000/100W/80/PC	2874 x 57 x 81 mm	4000	10420	100W	105	100°
2B30086 EnnioSM 300SM/5000/100W/80/PC	2874 x 57 x 81 mm	5000	10710	100W	108	100°
2B30087 EnnioSM 300SM/6500/100W/80/PC	2874 x 57 x 81 mm	6500	10420	100W	105	100°
2B30088 EnnioSM 300SM/3000/120W/80/PC	2874 x 57 x 81 mm	3000	11500	120W	96	100°
2B30089 EnnioSM 300SM/4000/120W/80/PC	2874 x 57 x 81 mm	4000	11990	120W	100	100°
2B30090 EnnioSM 300SM/5000/120W/80/PC	2874 x 57 x 81 mm	5000	12310	120W	103	100°
2B30091 EnnioSM 300SM/6500/120W/80/PC	2874 x 57 x 81 mm	6500	11990	120W	100	100°

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