



Ennio S PC

SUSPENDED | DALI SERIES

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

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

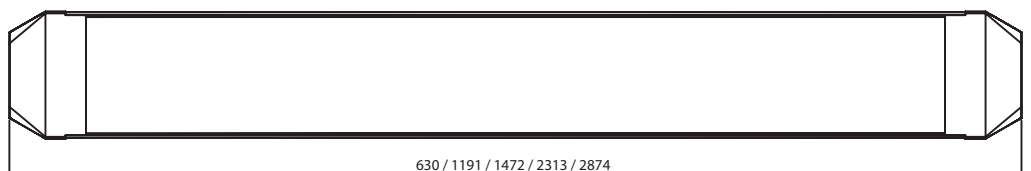
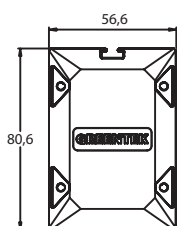
- Ennio S PC Non-DALI: the standard version
- Ennio S PC Non-DALI EM: the standard version with emergency option
- Ennio S PC DALI: with DALI controls for illumination adjustments
- Ennio S PC DALI EM: with DALI controls for illumination adjustments and emergency options

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



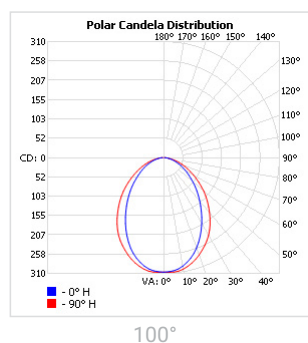
SPECIFICATIONS

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 (°)
CRI 80						
2B20000 EnnioS 60S/3000/8W/80/PC	630 x 57 x 81 mm	3000	705	8W	89	100°
2B20001 EnnioS 60S/4000/8W/80/PC	630 x 57 x 81 mm	4000	735	8W	92	100°
2B20002 EnnioS 60S/5000/8W/80/PC	630 x 57 x 81 mm	5000	755	8W	95	100°
2B20003 EnnioS 60S/6500/8W/80/PC	630 x 57 x 81 mm	6500	735	8W	92	100°
2B20004 EnnioS 60S/3000/15W/80/PC	630 x 57 x 81 mm	3000	1225	15W	82	100°
2B20005 EnnioS 60S/4000/15W/80/PC	630 x 57 x 81 mm	4000	1280	15W	86	100°
2B20006 EnnioS 60S/5000/15W/80/PC	630 x 57 x 81 mm	5000	1315	15W	88	100°
2B20007 EnnioS 60S/6500/15W/80/PC	630 x 57 x 81 mm	6500	1280	15W	86	100°
2B20008 EnnioS 60S/3000/24W/80/PC	630 x 57 x 81 mm	3000	1970	24W	83	100°
2B20009 EnnioS 60S/4000/24W/80/PC	630 x 57 x 81 mm	4000	2065	24W	87	100°
2B20010 EnnioS 60S/5000/24W/80/PC	630 x 57 x 81 mm	5000	2115	24W	89	100°
2B20011 EnnioS 60S/6500/24W/80/PC	630 x 57 x 81 mm	6500	2065	24W	87	100°
2B20012 EnnioS 120S/3000/15W/80/PC	1191 x 57 x 81 mm	3000	1530	15W	102	100°
2B20013 EnnioS 120S/4000/15W/80/PC	1191 x 57 x 81 mm	4000	1595	15W	107	100°
2B20014 EnnioS 120S/5000/15W/80/PC	1191 x 57 x 81 mm	5000	1640	15W	110	100°
2B20015 EnnioS 120S/6500/15W/80/PC	1191 x 57 x 81 mm	6500	1595	15W	107	100°
2B20016 EnnioS 120S/3000/25W/80/PC	1191 x 57 x 81 mm	3000	2680	25W	108	100°
2B20017 EnnioS 120S/4000/25W/80/PC	1191 x 57 x 81 mm	4000	2795	25W	112	100°
2B20018 EnnioS 120S/5000/25W/80/PC	1191 x 57 x 81 mm	5000	2870	25W	115	100°
2B20019 EnnioS 120S/6500/25W/80/PC	1191 x 57 x 81 mm	6500	2795	25W	112	100°
2B20020 EnnioS 120S/3000/32W/80/PC	1191 x 57 x 81 mm	3000	3190	32W	100	100°
2B20021 EnnioS 120S/4000/32W/80/PC	1159 x 74 x 81mm	4000	3325	32W	104	100°
2B20022 EnnioS 120S/5000/32W/80/PC	1191 x 57 x 81 mm	5000	3415	32W	107	100°
2B20023 EnnioS 120S/6500/32W/80/PC	1191 x 57 x 81 mm	6500	3325	32W	104	100°
2B20024 EnnioS 120S/3000/38W/80/PC	1191 x 57 x 81 mm	3000	3810	38W	101	100°
2B20025 EnnioS 120S/4000/38W/80/PC	1191 x 57 x 81 mm	4000	3970	38W	105	100°
2B20026 EnnioS 120S/5000/38W/80/PC	1191 x 57 x 81 mm	5000	4075	38W	108	100°
2B20027 EnnioS 120S/6500/38W/80/PC	1191 x 57 x 81 mm	6500	3970	38W	105	100°
2B20028 EnnioS 120S/3000/50W/80/PC	1191 x 57 x 81 mm	3000	4620	50W	93	100°
2B20029 EnnioS 120S/4000/50W/80/PC	1191 x 57 x 81 mm	4000	4815	50W	97	100°
2B20030 EnnioS 120S/5000/50W/80/PC	1191 x 57 x 81 mm	5000	4945	50W	99	100°
2B20031 EnnioS 120S/6500/50W/80/PC	1191 x 57 x 81 mm	6500	4815	50W	97	100°
2B20032 EnnioS 150S/3000/23W/80/PC	1472 x 57 x 81 mm	3000	2450	23W	107	100°
2B20033 EnnioS 150S/4000/23W/80/PC	1472 x 57 x 81 mm	4000	2550	23W	111	100°
2B20034 EnnioS 150S/5000/23W/80/PC	1472 x 57 x 81 mm	5000	2620	23W	114	100°
2B20035 EnnioS 150S/6500/23W/80/PC	1472 x 57 x 81 mm	6500	2550	23W	111	100°
2B20036 EnnioS 150S/3000/33W/80/PC	1472 x 57 x 81 mm	3000	3555	33W	108	100°
2B20037 EnnioS 150S/4000/33W/80/PC	1472 x 57 x 81 mm	4000	3705	33W	113	100°
2B20038 EnnioS 150S/5000/33W/80/PC	1472 x 57 x 81 mm	5000	3805	33W	116	100°
2B20039 EnnioS 150S/6500/33W/80/PC	1472 x 57 x 81 mm	6500	3705	33W	113	100°
2B20040 EnnioS 150S/3000/37W/80/PC	1472 x 57 x 81 mm	3000	3810	37W	103	100°
2B20041 EnnioS 150S/4000/37W/80/PC	1472 x 57 x 81 mm	4000	3970	37W	108	100°
2B20042 EnnioS 150S/5000/37W/80/PC	1472 x 57 x 81 mm	5000	4075	37W	111	100°
2B20043 EnnioS 150S/6500/37W/80/PC	1472 x 57 x 81 mm	6500	3970	37W	108	100°
2B20044 EnnioS 150S/3000/50W/80/PC	1472 x 57 x 81 mm	3000	5000	50W	100	100°
2B20045 EnnioS 150S/4000/50W/80/PC	1472 x 57 x 81 mm	4000	5210	50W	105	100°
2B20046 EnnioS 150S/5000/50W/80/PC	1472 x 57 x 81 mm	5000	5355	50W	108	100°
2B20047 EnnioS 150S/6500/50W/80/PC	1472 x 57 x 81 mm	6500	5210	50W	105	100°
2B20048 EnnioS 150S/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 (°)
CRI 80						
2B20049 EnnioS 150S/4000/60W/80/PC	1472 x 57 x 81 mm	4000	5995	60W	100	100°
2B20050 EnnioS 150S/5000/60W/80/PC	1472 x 57 x 81 mm	5000	6155	60W	103	100°
2B20051 EnnioS 150S/6500/60W/80/PC	1472 x 57 x 81 mm	6500	5995	60W	100	100°
2B20052 EnnioS 240S/3000/30W/80/PC	2313 x 57 x 81 mm	3000	3060	30W	102	100°
2B20053 EnnioS 240S/4000/30W/80/PC	2313 x 57 x 81 mm	4000	3190	30W	107	100°
2B20054 EnnioS 240S/5000/30W/80/PC	2313 x 57 x 81 mm	5000	3280	30W	110	100°
2B20055 EnnioS 240S/6500/30W/80/PC	2313 x 57 x 81 mm	6500	3190	30W	107	100°
2B20056 EnnioS 240S/3000/50W/80/PC	2313 x 57 x 81 mm	3000	5360	50W	108	100°
2B20057 EnnioS 240S/4000/50W/80/PC	2313 x 57 x 81 mm	4000	5590	50W	112	100°
2B20058 EnnioS 240S/5000/50W/80/PC	2313 x 57 x 81 mm	5000	5740	50W	115	100°
2B20059 EnnioS 240S/6500/50W/80/PC	2313 x 57 x 81 mm	6500	5590	50W	112	100°
2B20060 EnnioS 240S/3000/64W/80/PC	2313 x 57 x 81 mm	3000	6380	64W	100	100°
2B20061 EnnioS 240S/4000/64W/80/PC	2313 x 57 x 81 mm	4000	6650	64W	104	100°
2B20062 EnnioS 240S/5000/64W/80/PC	2313 x 57 x 81 mm	5000	6830	64W	107	100°
2B20063 EnnioS 240S/6500/64W/80/PC	2313 x 57 x 81 mm	6500	6650	64W	104	100°
2B20064 EnnioS 240S/3000/76W/80/PC	2313 x 57 x 81 mm	3000	7620	76W	101	100°
2B20065 EnnioS 240S/4000/76W/80/PC	2313 x 57 x 81 mm	4000	7940	76W	105	100°
2B20066 EnnioS 240S/5000/76W/80/PC	2313 x 57 x 81 mm	5000	8150	76W	108	100°
2B20067 EnnioS 240S/6500/76W/80/PC	2313 x 57 x 81 mm	6500	7940	76W	105	100°
2B20068 EnnioS 240S/3000/100W/80/PC	2313 x 57 x 81 mm	3000	9240	100W	93	100°
2B20069 EnnioS 240S/4000/100W/80/PC	2313 x 57 x 81 mm	4000	9630	100W	97	100°
2B20070 EnnioS 240S/5000/100W/80/PC	2313 x 57 x 81 mm	5000	9890	100W	99	100°
2B20071 EnnioS 240S/6500/100W/80/PC	2313 x 57 x 81 mm	6500	9630	100W	97	100°
2B20072 EnnioS 300S/3000/46W/80/PC	2874 x 57 x 81 mm	3000	4900	46W	107	100°
2B20073 EnnioS 300S/4000/46W/80/PC	2874 x 57 x 81 mm	4000	5100	46W	111	100°
2B20074 EnnioS 300S/5000/46W/80/PC	2874 x 57 x 81 mm	5000	5240	46W	114	100°
2B20075 EnnioS 300S/6500/46W/80/PC	2874 x 57 x 81 mm	6500	5100	46W	111	100°
2B20076 EnnioS 300S/3000/66W/80/PC	2874 x 57 x 81 mm	3000	7110	66W	108	100°
2B20077 EnnioS 300S/4000/66W/80/PC	2874 x 57 x 81 mm	4000	7410	66W	113	100°
2B20078 EnnioS 300S/5000/66W/80/PC	2874 x 57 x 81 mm	5000	7610	66W	116	100°
2B20079 EnnioS 300S/6500/66W/80/PC	2874 x 57 x 81 mm	6500	7410	66W	113	100°
2B20080 EnnioS 300S/3000/74W/80/PC	2874 x 57 x 81 mm	3000	7620	74W	103	100°
2B20081 EnnioS 300S/4000/74W/80/PC	2874 x 57 x 81 mm	4000	7940	74W	108	100°
2B20082 EnnioS 300S/5000/74W/80/PC	2874 x 57 x 81 mm	5000	8150	74W	111	100°
2B20083 EnnioS 300S/6500/74W/80/PC	2874 x 57 x 81 mm	6500	7940	74W	108	100°
2B20084 EnnioS 300S/3000/100W/80/PC	2874 x 57 x 81 mm	3000	10000	100W	100	100°
2B20085 EnnioS 300S/4000/100W/80/PC	2874 x 57 x 81 mm	4000	10420	100W	105	100°
2B20086 EnnioS 300S/5000/100W/80/PC	2874 x 57 x 81 mm	5000	10710	100W	108	100°
2B20087 EnnioS 300S/6500/100W/80/PC	2874 x 57 x 81 mm	6500	10420	100W	105	100°
2B20088 EnnioS 300S/3000/120W/80/PC	2874 x 57 x 81 mm	3000	11500	120W	96	100°
2B20089 EnnioS 300S/4000/120W/80/PC	2874 x 57 x 81 mm	4000	11990	120W	100	100°
2B20090 EnnioS 300S/5000/120W/80/PC	2874 x 57 x 81 mm	5000	12310	120W	103	100°
2B20091 EnnioS 300S/6500/120W/80/PC	2874 x 57 x 81 mm	6500	11990	120W	100	100°

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