

Eisen Comfort Series

Housing and Trim: Die-cast aluminium
 Mounting type: Recess adjustable, rotatable 355°
 Heat Management: Die-cast aluminium heat sink
 Reflector: Aluminium
 Diffuser: Clear PMMA

LED Modules
 GERMAN Technology
 Comfort COB - Up to 1800lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature - 40°C to +40°C

Drivers: 150mA / 250mA / 300mA / 350mA
 (optional: Dimmable available)
 Power factor at full load : 0.97
 SELV , Low Ripple current < 1% ,THD <15%
 Warranty: 5 years

Standards
 EN 620301: LED modules for general lighting - Safety specification
 EN 62471: Photobiological safety of lamps and systems
 EN 55015: Radio disturbance emissions
 EN 61000-3-2 Limited for harmonic emissions
 EN 61547: Immunity requirements



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Application: Commercial Building, Lobby, Conventional Hall, Ballroom, Concourse

Model	Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Energy Efficiency	Dimension (Dia x H) mm	Dimension (Cut out) mm
E2-2-4W	4.2W	220-240	50/60Hz	0.95	Warm white	2700K	615	148	15,24,38,60	>82	A+	90 x 70	75
		220-240	50/60Hz	0.95	Warm white	3000K	645	155	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	665	160	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	670	161	15,24,38,60	>82	A+		
E2-2-7W	7.3W	220-240	50/60Hz	0.95	Warm white	2700K	965	133	15,24,38,60	>82	A+	90 x 70	75
		220-240	50/60Hz	0.95	Warm white	3000K	1015	140	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1045	144	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1055	145	15,24,38,60	>82	A+		
E2-3-10W	10.3W	220-240	50/60Hz	0.95	Warm white	2700K	1505	146	15,24,38,60	>82	A+	114 x 95	100
		220-240	50/60Hz	0.95	Warm white	3000K	1585	154	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1630	158	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1645	160	15,24,38,60	>82	A+		
E2-3-12W	12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	15,24,38,60	>82	A+	114 x 95	100
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	15,24,38,60	>82	A+		

*Colour tolerance: 3 MacAdam **Production tolerance of luminous flux and efficiency: ±10% ***Min. CRI ±3% ****Power consumption: ±10%
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 Ambient temperature - 40°C to +40°C

Drivers: 400mA / 500mA / 600mA / 700mA
 (optional: Dimmable available)
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E2-3-14W	14.1W	220-240	50/60Hz	0.95	Warm white	2700K	1930	137	15,24,38,60	>82	A+	114 x 95	100
		220-240	50/60Hz	0.95	Warm white	3000K	2030	144	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2090	148	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2110	149	15,24,38,60	>82	A+		
E2-4-17W	17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	15,24,38,60	>82	A+	138 x 120	128
		220-240	50/60Hz	0.95	Warm white	3000K	2725	158	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	2860	165	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2830	164	15,24,38,60	>82	A+		
E2-4-21W	21.2W	220-240	50/60Hz	0.95	Warm white	2700K	3030	143	15,24,38,60	>82	A+	138 x 120	128
		220-240	50/60Hz	0.95	Warm white	3000K	3185	151	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3280	155	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	3345	158	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3315	157	15,24,38,60	>82	A+		
E2-4-25W	25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	15,24,38,60	>82	A+	138 x 120	128
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	3805	151	15,24,38,60	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	15,24,38,60	>82	A+		

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E2-5-32W	32.0W	220-240	50/60Hz	0.95	Warm white	2700K	4455	139	15,24,38,60	>82	A+	165 x 145	155
					Warm white	3000K	4690	147	15,24,38,60	>82	A+		
					Neutral white	4000K	4830	151	15,24,38,60	>82	A+		
					Cool white	5000K	4920	154	15,24,38,60	>82	A+		
					Cool white	5700K	4875	152	15,24,38,60	>82	A+		
E2-6-38W	38.0W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	24,38,60	>82	A+	190 x 165	175
					Warm white	3000K	2725	158	24,38,60	>82	A+		
					Neutral white	4000K	2805	162	24,38,60	>82	A+		
					Cool white	5000K	2860	165	24,38,60	>82	A+		
					Cool white	5700K	2830	164	24,38,60	>82	A+		
E2-6-44W	44.2W	220-240	50/60Hz	0.95	Warm white	2700K	5590	127	24,38,60	>82	A+	190 x 165	175
					Warm white	3000K	5885	133	24,38,60	>82	A+		
					Neutral white	4000K	6060	137	24,38,60	>82	A+		
					Cool white	5000K	6175	140	24,38,60	>82	A+		
					Cool white	5700K	6120	139	24,38,60	>82	A+		
E2-6-48W	48.3W	220-240	50/60Hz	0.95	Warm white	2700K	5935	123	24,38,60	>82	A+	190 x 165	175
					Warm white	3000K	6245	129	24,38,60	>82	A+		
					Neutral white	4000K	6430	133	24,38,60	>82	A+		
					Cool white	5000K	6555	136	24,38,60	>82	A+		
					Cool white	5700K	6495	134	24,38,60	>82	A+		

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