

LED Downlights

Eisen Series

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

LED Modules
 GERMAN Technology
 Comfort COB - Up to 4800lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature - 40°C to +40°C

Drivers: 350mA / 500mA / 700mA / 900mA
 (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

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



Powered by:



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 (W x L x H) mm	Dimension (Cut out) mm
EB-3-12W	12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	10, 23, 36	>82	A+	114 x 95	100
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	10, 23, 36	>82	A+		
EB-4-17W	17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	10, 23, 36	>82	A+	138 x 120	128
		220-240	50/60Hz	0.95	Warm white	3000K	2725	158	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2830	164	10, 23, 36	>82	A+		
EB-4-25W	25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	10, 23, 36	>82	A+	138 x 120	128
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	10, 23, 36	>82	A+		
EB-4-32W	32.0W	220-240	50/60Hz	0.95	Warm white	2700K	4455	139	10, 23, 36	>82	A+	165 x 145	155
		220-240	50/60Hz	0.95	Warm white	3000K	4690	147	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	4830	151	10, 23, 36	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	4875	152	10, 23, 36	>82	A+		

*Colour tolerance: 3 MacAdam **Production tolerance of luminous flux and efficiency: ±10% ***Min. CRI ±3% ****Power consumption: ±10%
 The values contained in this data sheet can change due to technical innovations without notifications, therefore kindly refer to us when during order.