

# WELUX 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 1800lm  
 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%  
 Energy efficiency : A+  
 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



Powered by:



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

Model	Module Wattage	System Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Dimension (WxLxH) mm	Dimension (Cut out) mm
EB-3-14W	12.2W	14.5W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	10, 23, 36	>82	114 x 95	100
			220-240	50/60Hz	0.95	Warm white	3000K	1810	149	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	1885	155	10, 23, 36	>82		
EB-4-19W	17.3W	19.5W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	10, 23, 36	>82	138 x 120	128
			220-240	50/60Hz	0.95	Warm white	3000K	2725	158	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2830	164	10, 23, 36	>82		
EB-4-27W	25.1W	27.5W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	10, 23, 36	>82	138 x 120	128
			220-240	50/60Hz	0.95	Warm white	3000K	3625	144	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	3765	150	10, 23, 36	>82		
EB-5-34W	32.0W	34.0W	220-240	50/60Hz	0.95	Warm white	2700K	4455	139	10, 23, 36	>82	165 x 145	155
			220-240	50/60Hz	0.95	Warm white	3000K	4690	147	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	4830	151	10, 23, 36	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	4875	152	10, 23, 36	>82		

\*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.