

## Kupfer Comfort Series

Housing and Trim: Die-cast aluminium  
 Mounting type: Recess  
 Heat Management: Die-cast aluminium heat sink  
 Reflector: Aluminium  
 Beam angle: 15/24/36/60  
 Diffuser: Clear PMMA

LED Modules  
 GERMAN Technology  
 Comfort COB - Up to 4200lm  
 Long service life time : 50,000 hours (L80/B10)  
 Ambient temperature - 40°C to +40°C

Drivers: 350mA / 500mA / 700mA /800mA  
 (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



Powered by:



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
K1-5-12W	12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	15° 24° 36° 60°	>82	A+	140 x 170	125
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	15° 24° 36° 60°	>82	A+		
K1-5-17W	17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	15° 24° 36° 60°	>82	A+	140 x 170	125
		220-240	50/60Hz	0.95	Warm white	3000K	2725	158	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2830	164	15° 24° 36° 60°	>82	A+		
K1-6-25W	25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	15° 24° 36° 60°	>82	A+	162 x 210	150
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	3805	151	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	15° 24° 36° 60°	>82	A+		
K1-6-29W	29.2W	220-240	50/60Hz	0.95	Warm white	2700K	3830	131	15° 24° 36° 60°	>82	A+	162 x 210	150
		220-240	50/60Hz	0.95	Warm white	3000K	4035	138	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	4155	142	15° 24° 36° 60°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	4195	144	15° 24° 36° 60°	>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.