

Kobalt Comfort Series

Housing and Trim: Die-cast aluminium
 Mounting type: Recess adjustable
 Heat Management: Die-cast aluminium heat sink
 Reflector: Aluminium
 Beam Angle: 15°/24°
 Diffuser: Lens PMMA

LED Modules
 GERMAN Technology
 Comfort COB - Up to 2800lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature - 40°C to +40°C

Drivers: 150mA / 250mA / 350mA / 500mA
 (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
KD-2-4W	4.2W	220-240	50/60Hz	0.95	Warm white	2700K	615	148	15° 24°	>82	A+	85 x 45	67
		220-240	50/60Hz	0.95	Warm white	3000K	645	155	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	665	160	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	670	161	15° 24°	>82	A+		
KD-3-8W	8.4W	220-240	50/60Hz	0.95	Warm white	2700K	1275	151	15° 24°	>82	A+	110 x 58	85
		220-240	50/60Hz	0.95	Warm white	3000K	1345	159	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1385	164	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1395	165	15° 24°	>82	A+		
KD-4-12W	12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	15° 24°	>82	A+	135 x 72	110
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	15° 24°	>82	A+		
KD-5-17W	17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	15° 24°	>82	A+	160 x 75	130
		220-240	50/60Hz	0.95	Warm white	3000K	2725	158	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	2860	165	15° 24°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2830	164	15° 24°	>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.