

# WELUX LED Downlights

## Kupfer Series

Housing and Trim: Die-cast aluminium  
 Mounting type: Surface  
 Heat Management: Die-cast aluminium heat sink  
 Reflector: Aluminium  
 Beam angle: 10/15/24/36/60°  
 Diffuser: Clear PMMA

LED Modules  
 GERMAN Technology  
 LUGA SHOP GEN. 5 - 1500lm - 5,000lm  
 Long service life time: > 50,000 hours (L90/B10)  
 THD <20%

Drivers: 350mA / 500mA / 700mA / 1050mA  
 (optional: Dimmable available)  
 Power factor at full load : > 0.9

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

Warranty: 3 years

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



Powered by:



A member of the Panasonic group **Panasonic**

Model	Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Luminous Flux (Lm)	Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Energy Efficiency	Dimension (Dia x H) mm	Dimension (Cut out) mm
K1-5-11W K1-6-11W	11.9W	220-240	50/60Hz	0.95	Warm white	2700K	1735	146	60	>82	A+	140 x 170 162 x 210	125 150
		220-240	50/60Hz	0.95	Warm white	3000K	1870	157	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	3500K	1905	160	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1940	163	60	>85	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	1960	165	60	>85	A+		
K1-5-17W K1-6-17W	17.5W	220-240	50/60Hz	0.95	Warm white	2700K	2375	136	60	>82	A+	140 x 170 162 x 210	125 150
		220-240	50/60Hz	0.95	Warm white	3000K	2550	147	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	3500K	2600	149	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2655	153	60	>85	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	2675	154	60	>85	A+		
K1-6-25W	25.2W	220-240	50/60Hz	0.95	Warm white	2700K	3130	125	60	>82	A+	162 x 210	150
		220-240	50/60Hz	0.95	Warm white	3000K	3375	134	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	3500K	3435	137	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3505	140	60	>85	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	3535	141	60	>85	A+		
K1-6-38W	38.8W	220-240	50/60Hz	0.95	Warm white	2700K	4260	110	60	>82	A+	162 x 210	150
		220-240	50/60Hz	0.95	Warm white	3000K	4575	118	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	3500K	4675	120	60	>85	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	4760	123	60	>85	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	4810	124	60	>85	A+		

\*Colour tolerance: 2 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.



website: [www.welux.com.my](http://www.welux.com.my) email: [info@welux.com.my](mailto:info@welux.com.my) tel: +603 5191 9971 fax: +603 5191 9970