

WELUX LED Downlights

Ziege Anti-Glare Series

Housing and Trim: Die-cast aluminium
 Mounting type: Recess
 Heat Management: Die-cast aluminium heat sink
 Reflector: Polycarbonate aluminium coated
 Diffuser: Prismatic

LED Modules
 GERMAN Technology
 Comfort COB - 1200lm - 2,100lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature : -40°C to +40°C

Drivers: 250mA / 300mA / 350mA / 400mA
 (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 requirement



Powered by:



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

Model	Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Luminous Flux (Lm)	Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Energy Efficiency	Dimension (W x L x H) mm	Dimension (Cut out) mm
ZRS-3-8W-R1	8.4W	220-240	50/60Hz	0.9	Warm white	2700K	1275	151	50	>80	A+	115 x 115 x 65	100 x 100
		220-240	50/60Hz	0.9	Warm white	3000K	1345	159	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	1385	164	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	1395	165	50	>80	A+		
ZRS-3-10W-R1	10.3W	220-240	50/60Hz	0.9	Warm white	2700K	1505	146	50	>80	A+	115 x 115 x 65	100 x 100
		220-240	50/60Hz	0.9	Warm white	3000K	1585	154	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	1630	158	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	1645	160	50	>80	A+		
ZRS-4-12W-R1	12.2W	220-240	50/60Hz	0.9	Warm white	2700K	1720	141	50	>80	A+	140 x 140 x 75	125 x 125
		220-240	50/60Hz	0.9	Warm white	3000K	1810	149	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	1865	153	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	1885	155	50	>80	A+		
ZRS-4-14W-R1	14.1W	220-240	50/60Hz	0.9	Warm white	2700K	1930	137	50	>80	A+	140 x 140 x 75	125 x 125
		220-240	50/60Hz	0.9	Warm white	3000K	2030	144	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	2090	148	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	2110	149	50	>80	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.

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 Diffuser: Prismatic

LED Modules
 GERMAN Technology
 EasyLine COB - 2500lm - 4,800lm
 Long service life time: 50,000 hours (L80/B10)
 Ambient temperature : -40°C to +40°C

Drivers: 500mA / 700mA / 800mA / 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
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Model	Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Luminous Flux (Lm)	Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Energy Efficiency	Dimension (W x L x H) mm	Dimension (Cut out) mm
ZRS-4-17W-R1	17.3W	220-240	50/60Hz	0.9	Warm white	2700K	2585	149	50	>80	A+	140 x 140 x 75	125 x 125
		220-240	50/60Hz	0.9	Warm white	3000K	2725	158	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	2805	162	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5000K	2860	165	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	2830	164	50	>80	A+		
ZRS-5-25W-R1	25.1W	220-240	50/60Hz	0.9	Warm white	2700K	3445	137	50	>80	A+	160 x 160 x 85	145 x 145
		220-240	50/60Hz	0.9	Warm white	3000K	3625	144	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	3730	148	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5000K	3805	151	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	3765	150	50	>80	A+		
ZRS-5-29W-R1	29.2W	220-240	50/60Hz	0.9	Warm white	2700K	3830	131	50	>80	A+	160 x 160 x 85	145 x 145
		220-240	50/60Hz	0.9	Warm white	3000K	4035	138	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	4155	142	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5000K	4235	145	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	4195	144	50	>80	A+		
ZRS-6-32W-R1	32.0W	220-240	50/60Hz	0.9	Warm white	2700K	4455	139	50	>80	A+	195 x 195 x 95	180 x 180
		220-240	50/60Hz	0.9	Warm white	3000K	4690	147	50	>80	A+		
		220-240	50/60Hz	0.9	Neutral white	4000K	4830	151	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5000K	4920	154	50	>80	A+		
		220-240	50/60Hz	0.9	Cool white	5700K	4875	152	50	>80	A+		

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