

## Ziege Anti-Glare Series

Housing and Trim: Die-cast aluminium  
 Mounting type: Fixed recess  
 Heat Management: Die-cast aluminium heat sink  
 Reflector: Aluminium Silver, Black, White  
 Beam angle: 30°/40°/50°  
 Diffuser: Prismatic

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: 250mA / 300mA / 350mA / 500mA  
 (optional: Dimmable available)  
 Power factor at full load : 0.97  
 SELV, Low Ripple current < 1% ,THD <15%  
 Warranty: 5 years



Powered by:



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

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
ZDF-3-7W	7.3W	220-240	50/60Hz	0.95	Warm white	2700K	965	133	30, 40, 50	>82	A+	100 x 75	90
		220-240	50/60Hz	0.95	Warm white	3000K	1015	140	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1045	144	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1055	145	30, 40, 50	>82	A+		
ZDF-3-10W	10.3W	220-240	50/60Hz	0.95	Warm white	2700K	1505	146	30, 40, 50	>82	A+	100 x 75	90
		220-240	50/60Hz	0.95	Warm white	3000K	1585	154	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1630	158	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1645	160	30, 40, 50	>82	A+		
ZDF-4-12W	12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	30, 40, 50	>82	A+	140 x 90	130
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	30, 40, 50	>82	A+		
ZDF-4-17W	17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	30, 40, 50	>82	A+	140 x 90	130
		220-240	50/60Hz	0.95	Warm white	3000K	2725	158	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2830	164	30, 40, 50	>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.

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 Diffuser: Prismatic

LED Modules  
 GERMAN Technology  
 Comfort COB - Up to 5500lm  
 Long service life time : 50,000 hours (L80/B10)  
 Ambient temperature - 40°C to +40°C

Drivers: 700mA / 800mA / 900mA / 1050mA  
 (optional: Dimmable available)  
 Power factor at full load : 0.97  
 SELV , Low Ripple current < 1% ,THD <15%  
 Warranty: 5 years

Standards  
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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
ZDF-6-25W	25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	30, 40, 50	>82	A+	185 x 112	170
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	30, 40, 50	>82	A+		
ZDF-6-29W	29.2W	220-240	50/60Hz	0.95	Warm white	2700K	3830	131	30, 40, 50	>82	A+	185 x 112	170
		220-240	50/60Hz	0.95	Warm white	3000K	4035	138	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	4155	142	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	4195	144	30, 40, 50	>82	A+		
ZDF-8-32W	32.0W	220-240	50/60Hz	0.95	Warm white	2700K	4455	139	30, 40, 50	>82	A+	230 x 128	200
		220-240	50/60Hz	0.95	Warm white	3000K	4690	147	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	4830	151	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	4875	152	30, 40, 50	>82	A+		
ZDF-8-38W	38.0W	220-240	50/60Hz	0.95	Warm white	2700K	5045	133	30, 40, 50	>82	A+	230 x 128	200
		220-240	50/60Hz	0.95	Warm white	3000K	5310	140	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	5465	144	30, 40, 50	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	5520	145	30, 40, 50	>82	A+		

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