

Titan Series

Housing and Trim: Die-cast aluminium
 Mounting type: Recess adjustable
 Heat Management: Die-cast aluminium heat sink
 Reflector: Aluminium
 Angle: Adjustable
 Diffuser: Clear 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: 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



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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
TG1-4-1x12W	1x12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	24°/36°	>82	A+	135 x 135 x 140	115 x 115
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	24°/36°	>82	A+		
TG1-4-1x17W	1x17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	24°/36°	>82	A+	135 x 135 x 140	115 x 115
		220-240	50/60Hz	0.95	Warm white	3000K	2725	158	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	2860	165	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2830	164	24°/36°	>82	A+		
TG2-4-2x12W	2x12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	24°/36°	>82	A+	240 x 135 x 140	220 x 115
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	24°/36°	>82	A+		
TG2-4-2x17W	2x17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	24°/36°	>82	A+	240 x 135 x 140	220 x 115
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		220-240	50/60Hz	0.95	Cool white	5000K	2860	165	24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2830	164	24°/36°	>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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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: 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
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VS Comfort COB & Driver

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TG1-6-1x25W	1x25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	12°/24°/36°	>82	A+	190 x 190 x 170	160 x 160
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	3805	151	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	12°/24°/36°	>82	A+		
TG1-6-1x29W	1x29.2W	220-240	50/60Hz	0.95	Warm white	2700K	3830	131	12°/24°/36°	>82	A+	190 x 190 x 170	160 x 160
		220-240	50/60Hz	0.95	Warm white	3000K	4035	138	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	4155	142	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	4235	145	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	4195	144	12°/24°/36°	>82	A+		
TG2-6-2x25W	2x25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	12°/24°/36°	>82	A+	375 x 190 x 170	345 x 160
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3805	151	12°/24°/36°	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	12°/24°/36°	>82	A+		
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		220-240	50/60Hz	0.95	Cool white	5700K	4195	144	12°/24°/36°	>82	A+		

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