WELUX LED Gimbal

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%
Energy efficiency : A+
Warranty: 5 years

VS Comfort COB & Driver

Powered by:

VS LIGHTING SOLUTIONS

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	Module Wattage	System Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Dimension (Dia x H) mm	Dimension (Cut out) mm
TG1-4-1x14W	1x12.2W	1x14.5W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	12° 24° 36°	>82	135 x 135 x 140	115 x 115
			220-240	50/60Hz	0.95	Warm white	3000K	1810	149	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	1885	155	12° 24° 36°	>82		
TG1-4-1x19W	1x17.3W	1x19.0W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	12° 24° 36°	>82	135 x 135 x 140	115 x 115
			220-240	50/60Hz	0.95	Warm white	3000K	2725	158	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5000K	2860	165	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2830	164	12° 24° 36°	>82		
TG1-4-2x14W	2x12.2W	2x14.5.W	220-240	50/60Hz	0.95	Warm white	2700K	2x1720	141	12° 24° 36°	>82	240 x 135 x 140	220 x 115
			220-240	50/60Hz	0.95	Warm white	3000K	2x1810	149	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x1865	153	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x1885	155	12° 24° 36°	>82		
TG1-4-2x19W	2x17.3W	2x19.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x2585	149	12° 24° 36°	>82	240 x 135 x 140	220 x 115
			220-240	50/60Hz	0.95	Warm white	3000K	2x2725	158	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x2805	162	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5000K	2x2860	165	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x2830	164	12° 24° 36°	>82		

*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.

SYNTECH

Titan Comfort Series

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

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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
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Energy efficiency : A+
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Model	Module Wattage	System Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Dimension (Dia x H) mm	Dimension (Cut out) mm
TG1-6-1x27W	1x25.1W	1x27.5W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	12° 24° 36°	>82	190 x 190 x 170	160 x 160
			220-240	50/60Hz	0.95	Warm white	3000K	3625	144	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5000K	3805	151	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	3765	150	12° 24° 36°	>82		
TG1-6-1x32W	1x29.2W	1x32.0W	220-240	50/60Hz	0.95	Warm white	2700K	3830	131	12° 24° 36°	>82	190 x 190 x 170	160 x 160
			220-240	50/60Hz	0.95	Warm white	3000K	4035	138	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	4155	142	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5000K	4235	145	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	4195	144	12° 24° 36°	>82		
TG1-6-2x27W	2x25.1W	2x27.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x3445	137	12° 24° 36°	>82	375 x 190 x 170	345 x 160
			220-240	50/60Hz	0.95	Warm white	3000K	2x3625	144	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x3730	148	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5000K	2x3805	151	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x3765	150	12° 24° 36°	>82		
TG1-6-2x32W	2x29.2W	2x32.0W	220-240	50/60Hz	0.95	Warm white	2700K	2x3830	131	12° 24° 36°	>82	375 x 190 x 170	345 x 160
			220-240	50/60Hz	0.95	Warm white	3000K	2x4035	138	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x4155	142	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5000K	2x4235	145	12° 24° 36°	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x4195	144	12° 24° 36°	>82		

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