

WELUX LED Downlight

Titan Anti-Glare Series

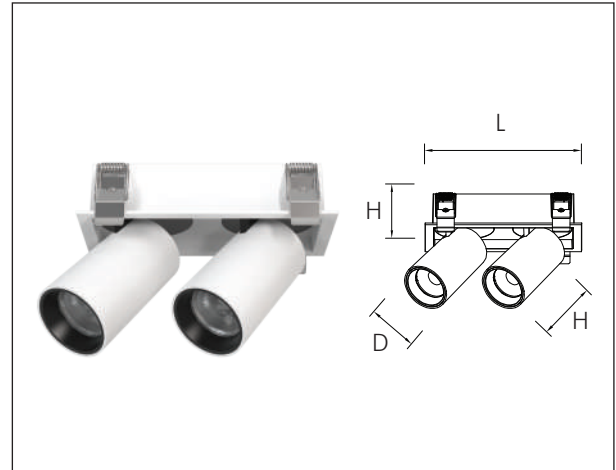
Housing and Trim: Die-cast aluminium
 Mounting type: Recess
 Heat Management: Die-cast aluminium heat sink
 Snoot: White or black finish
 Diffuser: PMMA Lens
 Features: Pull-out, Tiltable 20°, rotatable 355°, bottom maintainance

LED Modules
 GERMAN Technology
 Comfort COB Gen2 - 2 x 750lm - 1,900lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature : -40°C to +40°C

Drivers: 150/200/250/300/350mA
 (optional: Dimmable available)
 Power factor at full load : > 0.97
 SELV , Low Ripple current < 1% , THD < 15%
 Energy efficiency : A+
 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

Application: Retail, Museum, Galleries, Commercial Building, Lobby



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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 (W x L x H) mm	Dimension (Cut out) mm
TG12SC-2-2x5W	2x5.0W	2x5.6W	220-240	50/60Hz	0.95	Warm white	2700K	2x750	151	15, 24, 36, 55	>82	111 x 55 x 28	102 x 46
			220-240	50/60Hz	0.95	Warm white	3000K	2x790	159	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x815	164	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x825	166	15, 24, 36, 55	>82		
TG12SC-2-2x7W	2x6.7W	2x7.4W	220-240	50/60Hz	0.95	Warm white	2700K	2x1115	165	15, 24, 36, 55	>82	111 x 55 x 28	102 x 46
			220-240	50/60Hz	0.95	Warm white	3000K	2x1175	174	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x1210	179	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x1220	181	15, 24, 36, 55	>82		
TG12SC-3-2x9W	2x8.6W	2x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	2x1360	159	15, 24, 36, 55	>82	130 x 69 x 33	122 x 58
			220-240	50/60Hz	0.95	Warm white	3000K	2x1430	167	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x1475	172	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x1490	174	15, 24, 36, 55	>82		
TG12SC-4-2x12W	2x10.4W	2x11.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x1590	152	15, 24, 36, 55	>82	180 x 91 x 41	165 x 77
			220-240	50/60Hz	0.95	Warm white	3000K	2x1675	161	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x1725	165	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x1740	167	15, 24, 36, 55	>82		
TG12SC-4-2x14W	2x12.3W	2x13.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x1810	147	15, 24, 36, 55	>82	180 x 91 x 41	165 x 77
			220-240	50/60Hz	0.95	Warm white	3000K	2x1905	154	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x1960	159	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x1980	161	15, 24, 36, 55	>82		

*Colour tolerance: 3 MacAdam **Production tolerance of luminous flux and efficiency: ±10% ***Min. CRI ±3% ****Power consumption: ±10%
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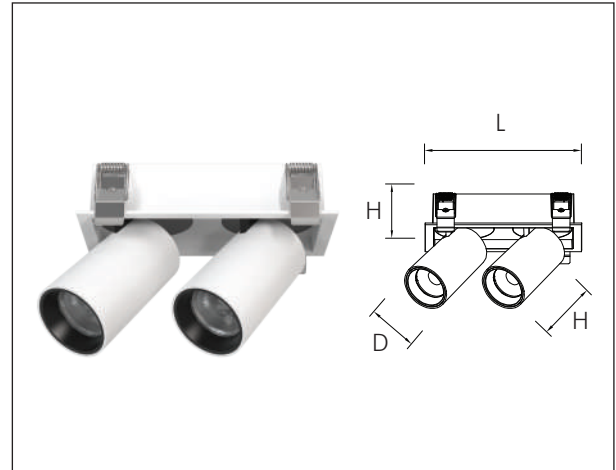
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 Heat Management: Die-cast aluminium heat sink
 Snoot: White or black finish
 Diffuser: PMMA Lens
 Features: Pull-out, Tiltable 20°, rotatable 355°, bottom maintainance

LED Modules
 GERMAN Technology
 Comfort COB Gen2 - 2 x 2,700lm - 3,900lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature : -40°C to +40°C

Drivers: 500/600/700mA
 (optional: Dimmable available)
 Power factor at full load : > 0.97
 SELV , Low Ripple current < 1% , THD < 15%
 Energy efficiency : A+
 Warranty: 5 years

Standards
 EN 620301: LED modules for general lighting - Safety specification
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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 (W x L x H) mm	Dimension (Cut out) mm
TG12SC-5-2x19W	2x16.8W	2x18.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x2730	162	15, 24, 36, 55	>82	224 x 110 x 47	209 x 98
			220-240	50/60Hz	0.95	Warm white	3000K	2x2875	171	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x2960	176	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x2990	178	15, 24, 36, 55	>82		
TG12SC-5-2x24W	2x20.4W	2x22.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x3185	156	15, 24, 36, 55	>82	224 x 110 x 47	209 x 98
			220-240	50/60Hz	0.95	Warm white	3000K	2x3355	164	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x3455	169	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x3485	170	15, 24, 36, 55	>82		
TG12SC-5-2x27W	2x24.1W	2x26.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x3615	150	15, 24, 36, 55	>82	224 x 110 x 47	209 x 98
			220-240	50/60Hz	0.95	Warm white	3000K	2x3805	158	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x3915	162	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x3955	164	15, 24, 36, 55	>82		

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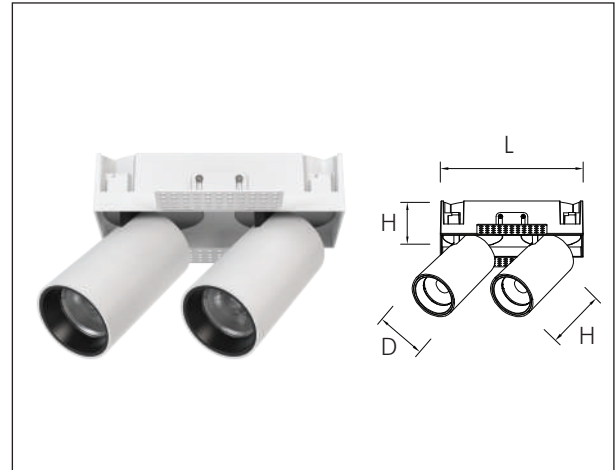
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TG125C-TL-2-2x5W	2x5.0W	2x5.6W	220-240	50/60Hz	0.95	Warm white	2700K	2x750	151	15, 24, 36, 55	>82	100 x 44 x 28	102 x 47
			220-240	50/60Hz	0.95	Warm white	3000K	2x790	159	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Neutral white	4000K	2x815	164	15, 24, 36, 55	>82		
			220-240	50/60Hz	0.95	Cool white	5700K	2x825	166	15, 24, 36, 55	>82		
TG125C-TL-2-2x7W	2x6.7W	2x7.4W	220-240	50/60Hz	0.95	Warm white	2700K	2x1115	165	15, 24, 36, 55	>82	100 x 44 x 28	102 x 47
			220-240	50/60Hz	0.95	Warm white	3000K	2x1175	174	15, 24, 36, 55	>82		
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TG125C-TL-3-2x9W	2x8.6W	2x9.4W	220-240	50/60Hz	0.95	Warm white	2700K	2x1360	159	15, 24, 36, 55	>82	116 x 55 x 33	118 x 58
			220-240	50/60Hz	0.95	Warm white	3000K	2x1430	167	15, 24, 36, 55	>82		
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TG125C-TL-4-2x12W	2x10.4W	2x11.5W	220-240	50/60Hz	0.95	Warm white	2700K	2x1590	152	15, 24, 36, 55	>82	163 x 74 x 41	165 x 77
			220-240	50/60Hz	0.95	Warm white	3000K	2x1675	161	15, 24, 36, 55	>82		
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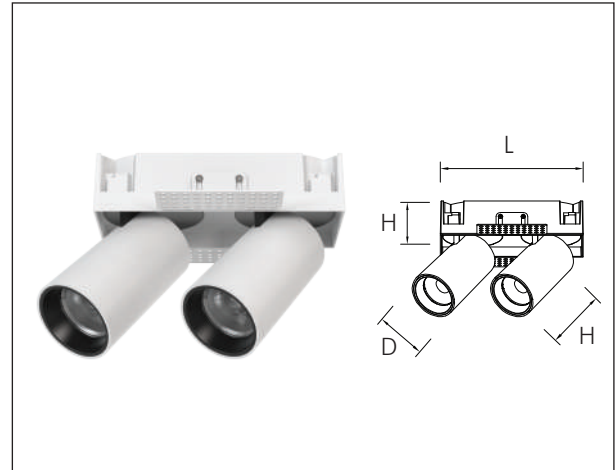
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