

## Silber Series

Housing and Trim: Die-cast aluminium  
 Mounting type: Surface  
 Heat Management: Die-cast aluminium heat sink  
 Reflector: Lens  
 Beam angle: 15/24/38/Square/Oval  
 Diffuser: PMMA

LED Modules  
 GERMAN Technology  
 Comfort COB - Up to 3700lm  
 Long service life time : 50,000 hours (L80/B10)  
 Ambient temperature - 40°C to +40°C

Drivers: 350mA / 500mA / 600mA /700mA  
 (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



Powered by:



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
ST10-12W	12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	15° 24° 38°	>82	A+	71 x 127
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	15° 24° 38°	>82	A+	
ST10-18W	18.1W	220-240	50/60Hz	0.95	Warm white	2700K	2310	127	15° 24° 38°	>82	A+	71 x 127
		220-240	50/60Hz	0.95	Warm white	3000K	2430	134	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Neutral white	4000K	2505	138	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Cool white	5700K	2530	139	15° 24° 38°	>82	A+	
ST10-21W	21.2W	220-240	50/60Hz	0.95	Warm white	2700K	3030	143	15° 24° 38°	>82	A+	71 x 127
		220-240	50/60Hz	0.95	Warm white	3000K	3185	151	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Neutral white	4000K	3280	155	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Cool white	5000K	3345	158	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Cool white	5700K	3315	157	15° 24° 38°	>82	A+	
ST10-25W	25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	15° 24° 38°	>82	A+	71 x 127
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Neutral white	4000K	3660	146	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Cool white	5000K	3730	148	15° 24° 38°	>82	A+	
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	15° 24° 38°	>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.