

TECHNICAL SPECIFICATION

FLOORLIGHT:LED

1. Luminaire

Housing material	Steel
Diffuser material	Glass + PC

2. Light Source



SAMSUNG

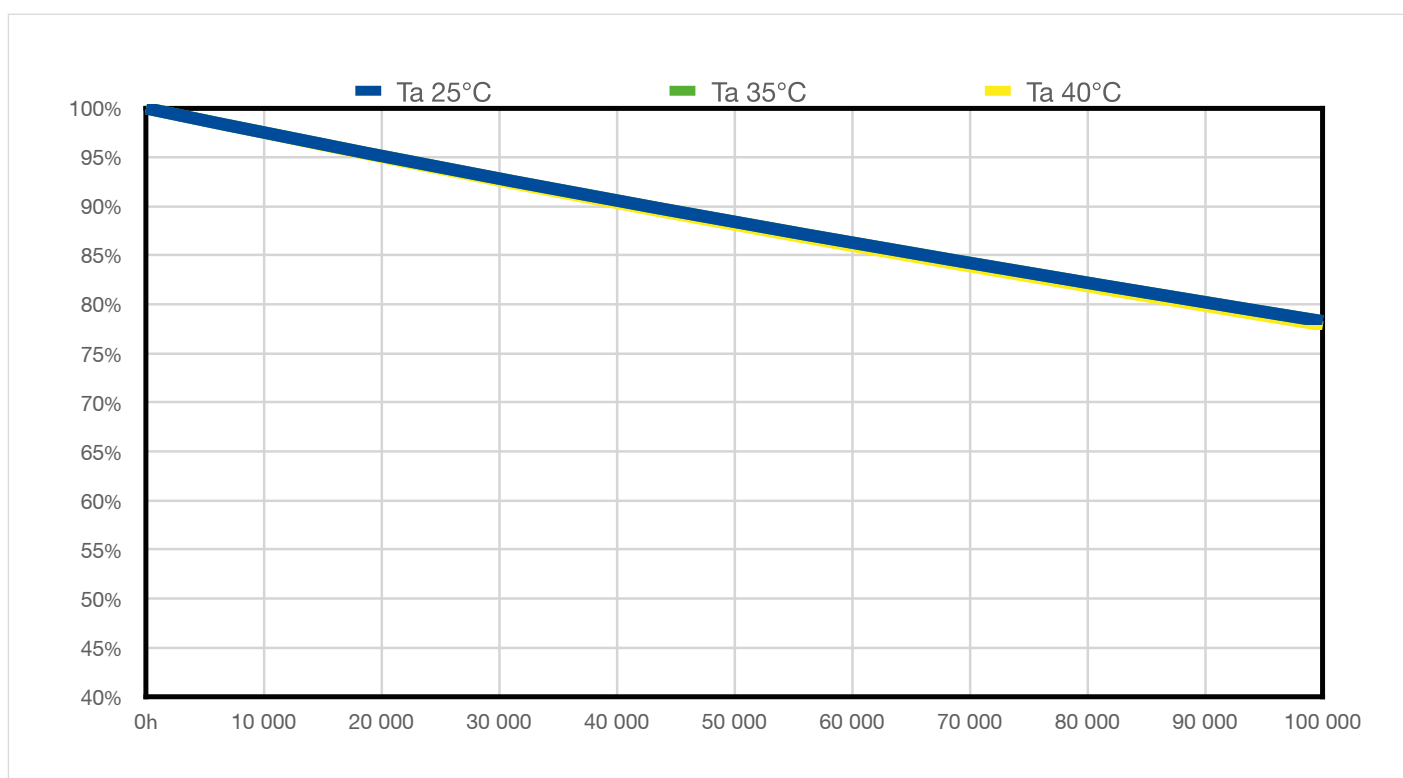
SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	150	mA
Forward voltage drop	Vf	2.81	V
Luminous flux	Φ_v	80	lm
Intensity	Iv	25	cd
Diode efficacy	Ef	190	lm/W
Viewing angle at 50% Iv	2 $\downarrow$	120	°
Thermal resistance	Rth j-s	7,5	°C/W
Color rendering index	CRI	>80	Ra
Laminate	-	CEM3 1,5	mm

Available CCT options

3000K	$\sim C_y 0.392 \times C_x 0.434$
4000K	$\sim C_y 0.369 \times C_x 0.383$
5000K	$\sim C_y 0.345 \times C_x 0.367$

Luminous flux degradation according to IESNA LM-80B10 (hours)



3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	50-350	VDC
Output current	If	300/300/450	mA
Efficiency		>88	%