

# LUMINAIRE TECHNICAL SPECIFICATION

## EDGE:LED

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### 1. Fixture

Housing material	Aluminium/steel
Diffuser material	Polipropylen/PMMA
Clips material	Stainless steel

### 2. Light source



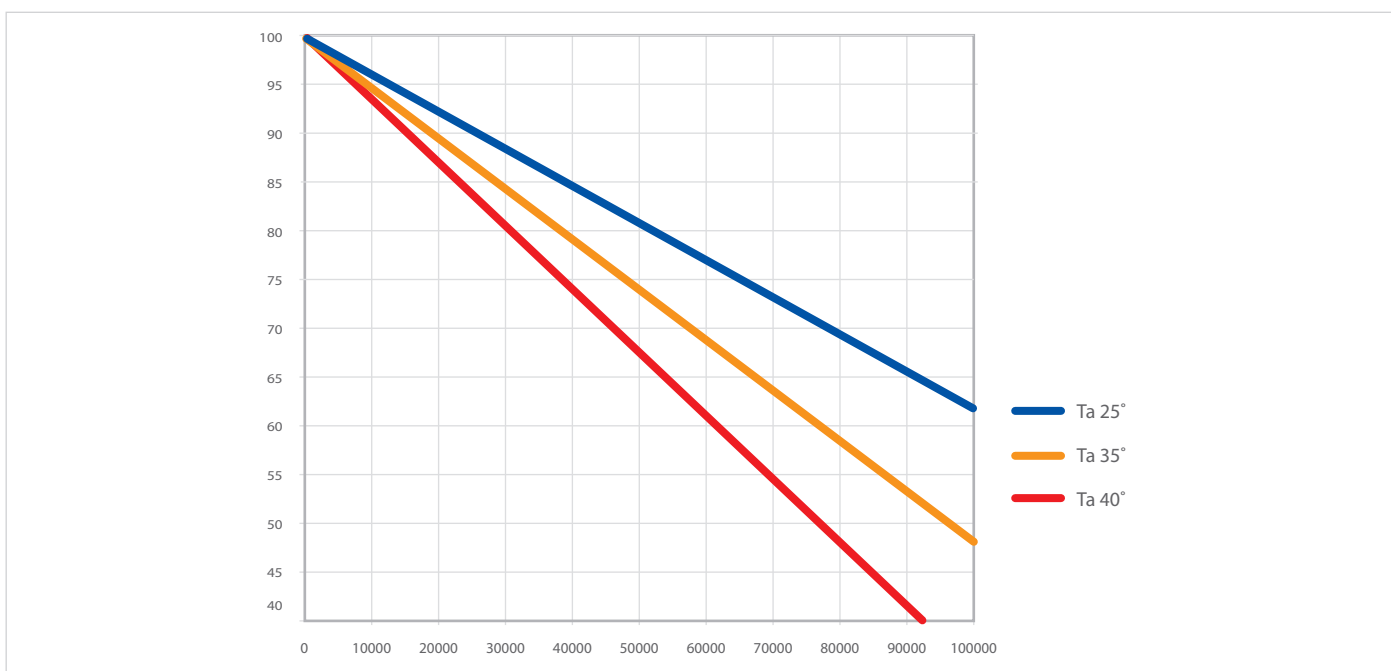
#### Samsung LM561B

Parameter	Symbol	Value	Unit
Forward current	If	113	mA
Forward voltage drop	Vf	2.95	V
Luminous flux	$\Phi_v$	55	lm
Intensity	lv	17	cd
LED efficacy	Ef	165	Lm/W
Beam angle (FWHM)	$2\varphi$	120	°
Thermal resistance	Rth j-s	16	K/W
Color rendering index	CRI	>80	Ra
Module substrate	-	1.0 mm MCPCB	-

## CCT options

CCT	CIE
3000K	~ Cy 0,400 x Cx 0,440
4000K	~ Cy 0,380 x Cx 0,385
5000K	~ Cy 0,350 x Cx 0,340

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



## 3. Driver

Parameter	Symbol	Value	Unit
Input voltage range	Vf	195-264	VAC
Output voltage range	Vf	21-42	VDC
Output current	If	900	mA
Efficiency		>90	-