

TECHNICAL SPECIFICATION

BATTLINE:LED

1. Luminaire

Heatsink material	Aluminum
Diffuser material	PC

2. Light Source



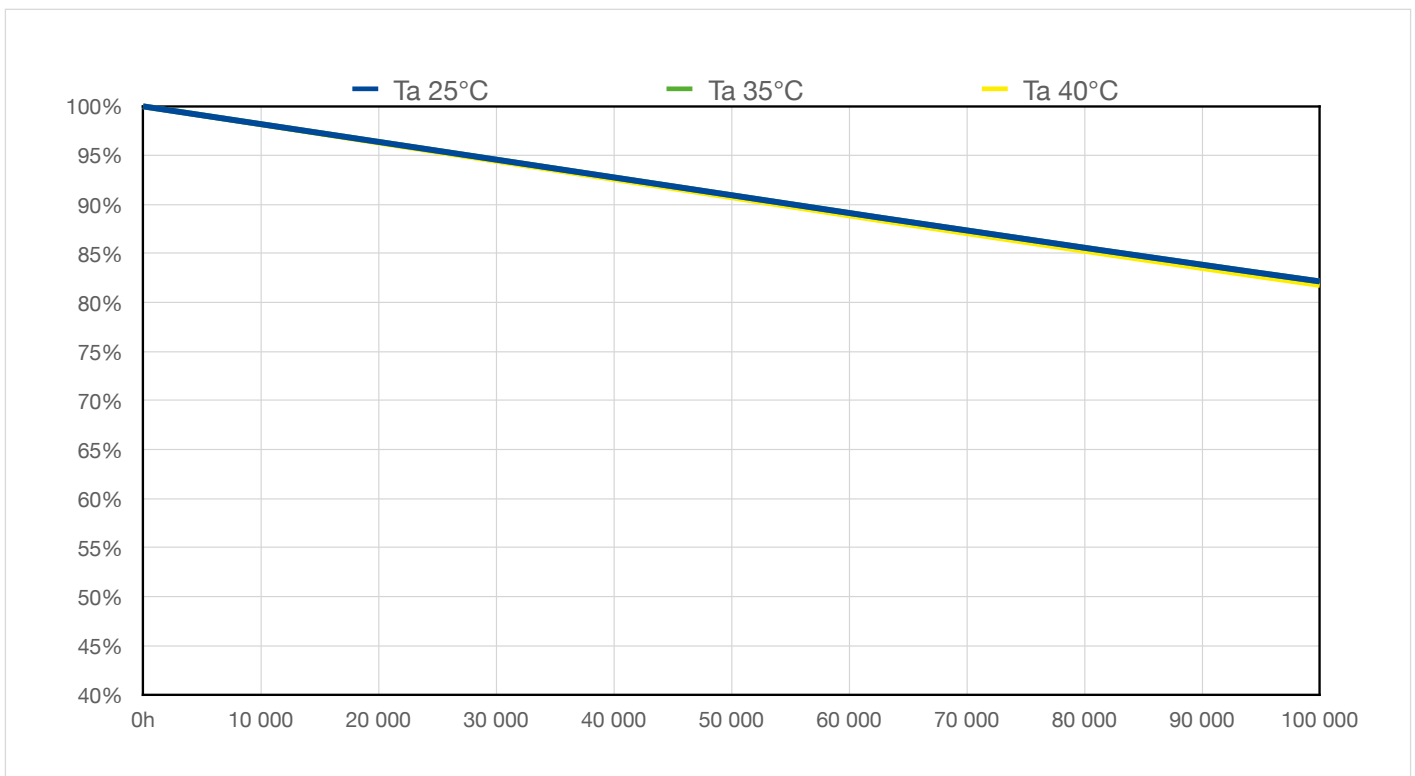
SAMSUNG LM281B+

Parameter	Symbol	Value	Unit
Drive current	If	42 / 58	mA
Forward voltage drop	Vf	2,65 / 2,70	V
Luminous flux	Φ_v	21 / 29	lm
Intensity	Iv	7 / 9	cd
Diode efficacy	Ef	189 / 183	lm/W
Viewing angle at 50% Iv	2 \downarrow	120	°
Thermal resistance	Rth j-s	25	°C/W
Color rendering index	CRI	>80	Ra
Laminate	-	FR4 1	mm

Available CCT options

3000K	~Cy 0,403 x Cx 0,434
4000K	~Cy 0,380 x Cx 0,382
5000K	~Cy 0,355 x Cx 0,345

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



3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	220-240	VAC
Output voltage	Vf	27-51	VDC
Output current	If	500 / 700	mA
Efficiency		<86	%