

TECHNICAL SPECIFICATION

SMART CLEAN:LED 3.0

1. Luminaire

Case material	Powder steel
Diffuser material	Tempered glass

2. Light Source



SAMSUNG

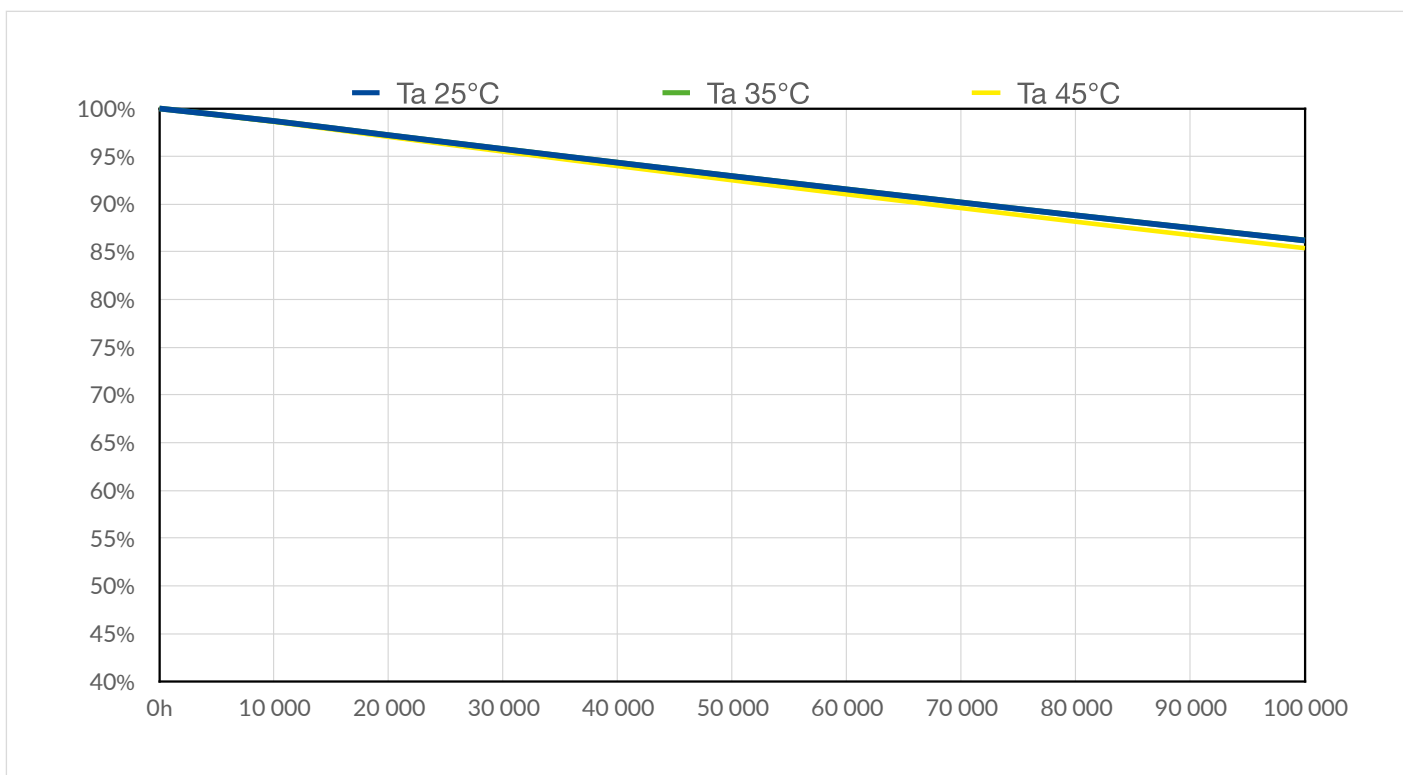
Samsung LM281B+ AY RK

Parameter	Symbol	Value	Unit
Drive current	If	105	mA
Forward voltage drop	Vf	2.69	V
Luminous flux	Φ_v	52.3	lm
Intensity	Iv	16.6	cd
Diode efficacy	Ef	153	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	-	1.5	mm

Available CCT options

3000K	~ Cy 0,405 x Cx 0,432
4000K	~ Cy 0,378 x Cx 0,383
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	176-280	VDC
Output current	If	1050	mA
Efficiency		89	%