

TECHNICAL SPECIFICATION

DOWNLIGHT:LED RC 3.0

1. Luminaire

Housing material	Aluminum
Diffuser material	Polystyrene
Power supply housing material	Plastic

2. Light Source



SAMSUNG

SAMSUNG LM281B+

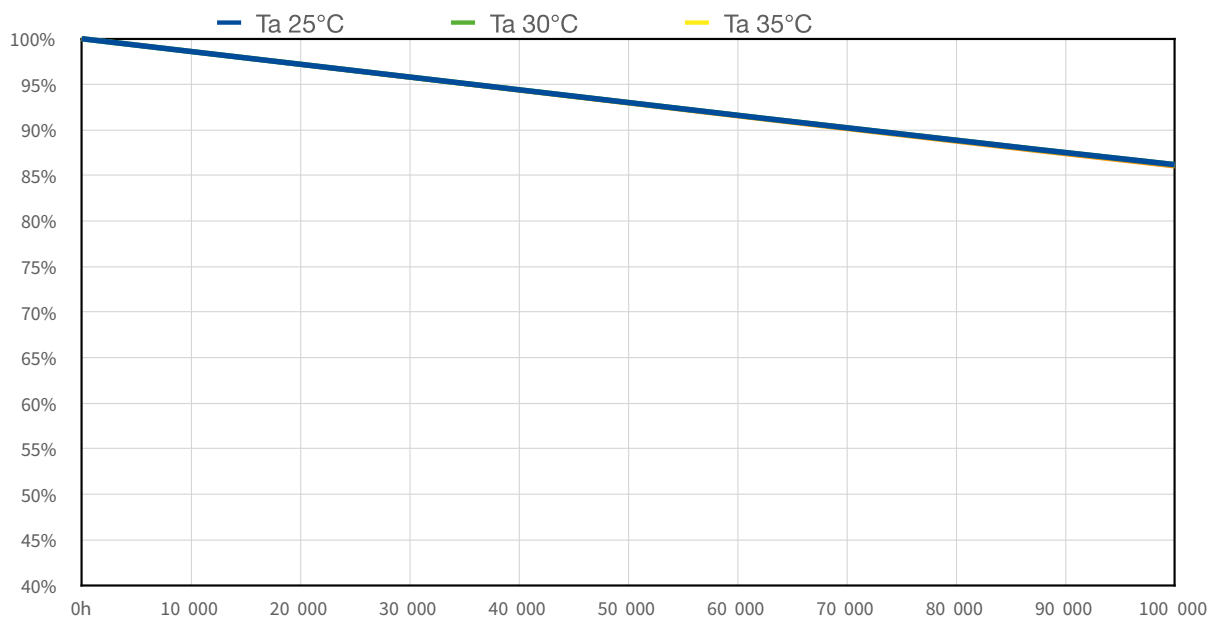
Parameter	Symbol	Value	Unit
Drive current	If	100 / 117 / 140	mA
Forward voltage drop	Vf	2,73 / 2,77 / 2,80	V
Luminous flux	Φ_v	49 / 57 / 66	lm
Intensity	Iv	16 / 18 / 21	cd
Diode efficacy	Ef	180 / 176 / 167	lm/W
Viewing angle at 50% Iv	2 \downarrow	120	°
Thermal resistance	Rth j-s	25	°C/W
Color rendering index	CRI	>80	Ra
Laminate	-	MCPCB 1.5	mm

Available CCT options

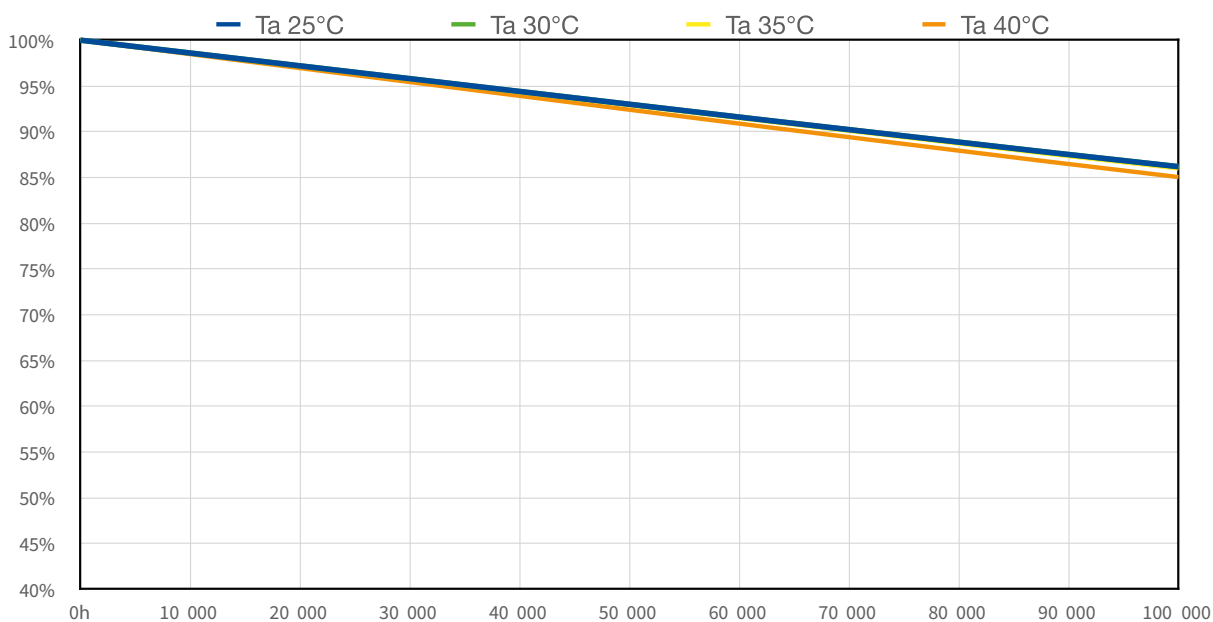
3000K	~Cy 0,403 x Cx 0,434
4000K	~Cy 0,380 x Cx 0,382
5000K	~Cy 0,355 x Cx 0,345

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

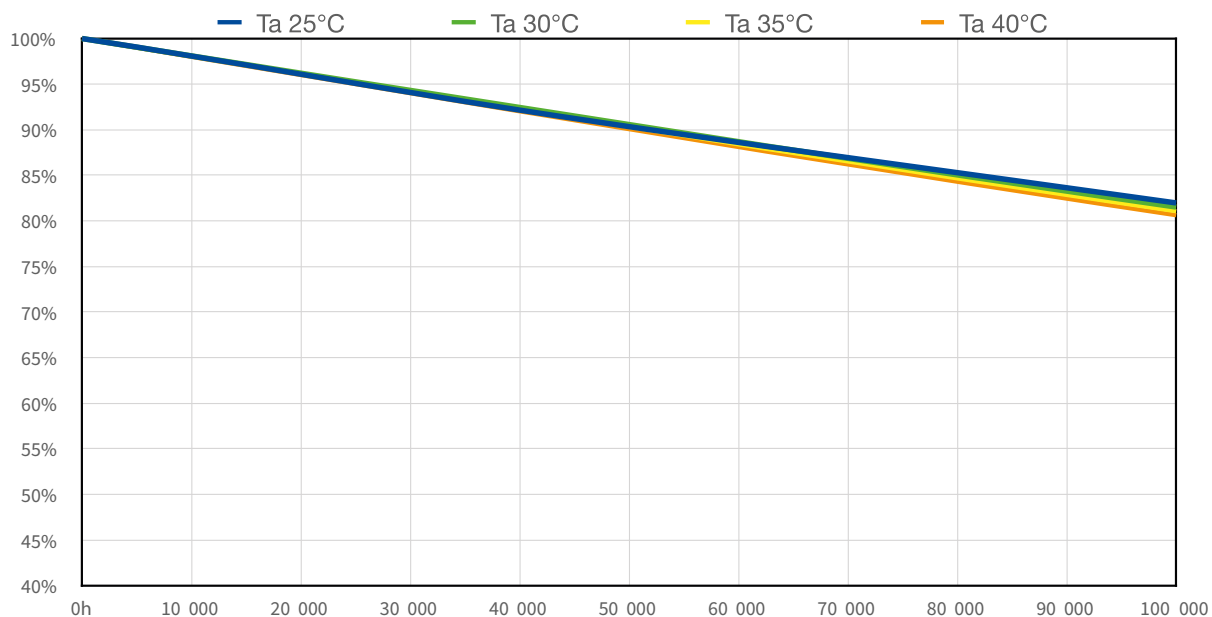
DL3 RC I



DL3 RC II



DL3 RC III



3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	14-46	VDC
Output current	If	350 / 500 / 700	mA
Efficiency		>85	-