

# TECHNICAL SPECIFICATION

## INDUSTRIAL LED 6.0

### 1. Luminaire

Housing material	Polycarbonate
Diffuser material	Polycarbonate
Hook material	Stainless steel

### 2. Light Source



SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	0,083 / 0,085 / 0,11 / 0,165	A
Forward voltage drop	Vf	2,66 / 2,67 / 2,70 / 2,75	V
Luminous flux	$\Phi_v$	44,9 / 46,2 / 59,1 / 85,9	lm
Intensity	Iv	14 / 14,6 / 18,7 / 27	cd
Diode efficacy	Ef	204 / 204 / 199 / 189	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	-	CEM-3	mm

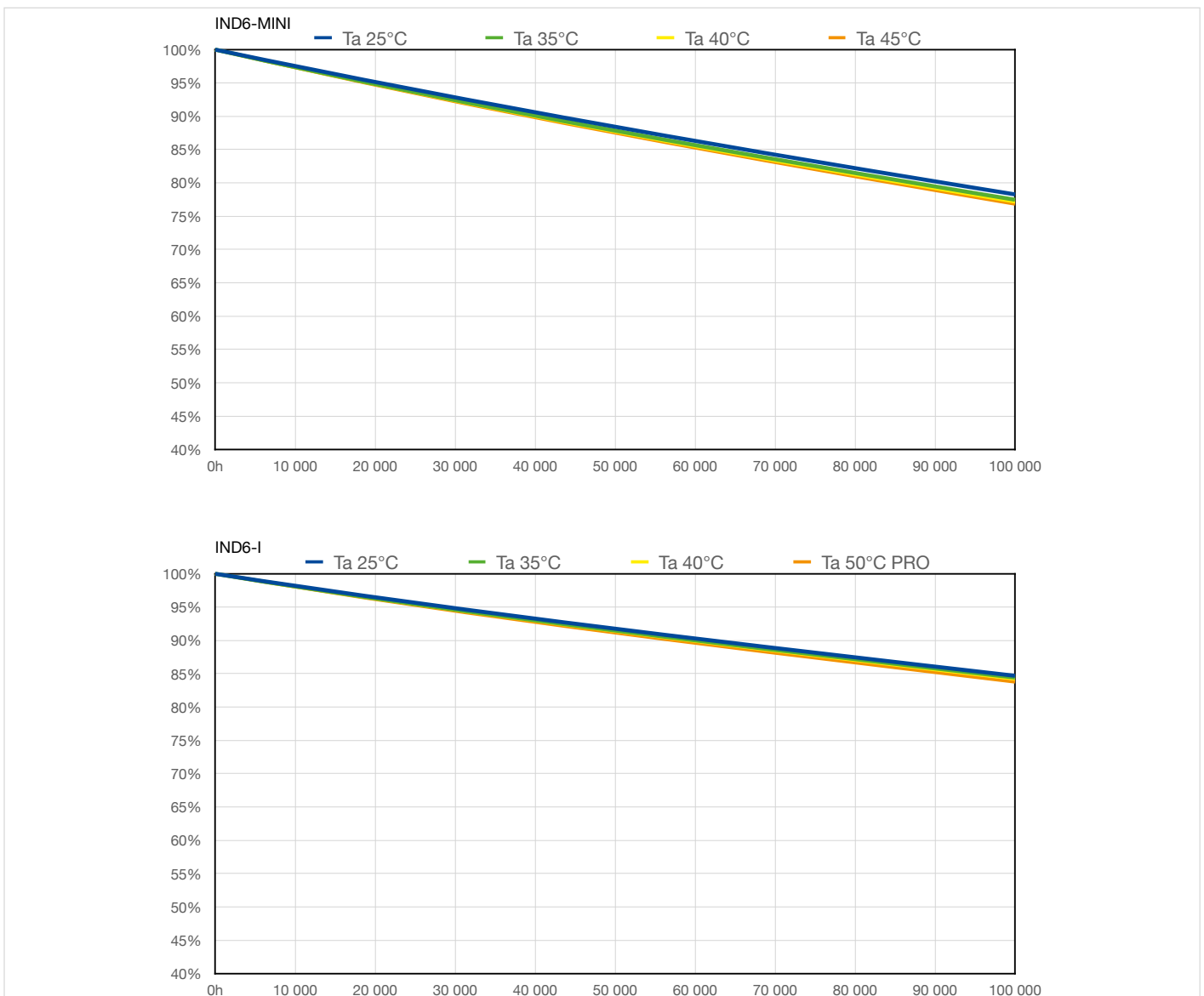
## Available CCT options

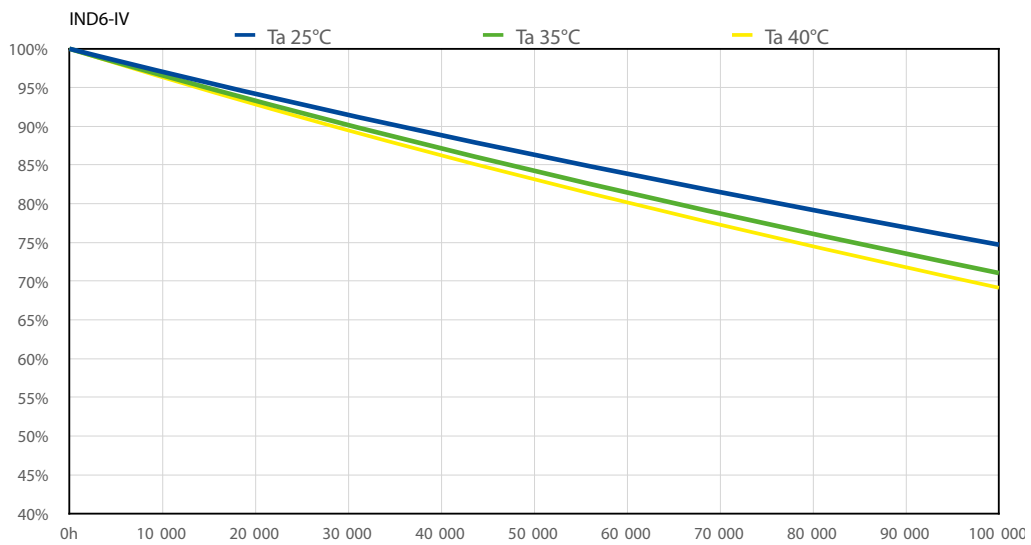
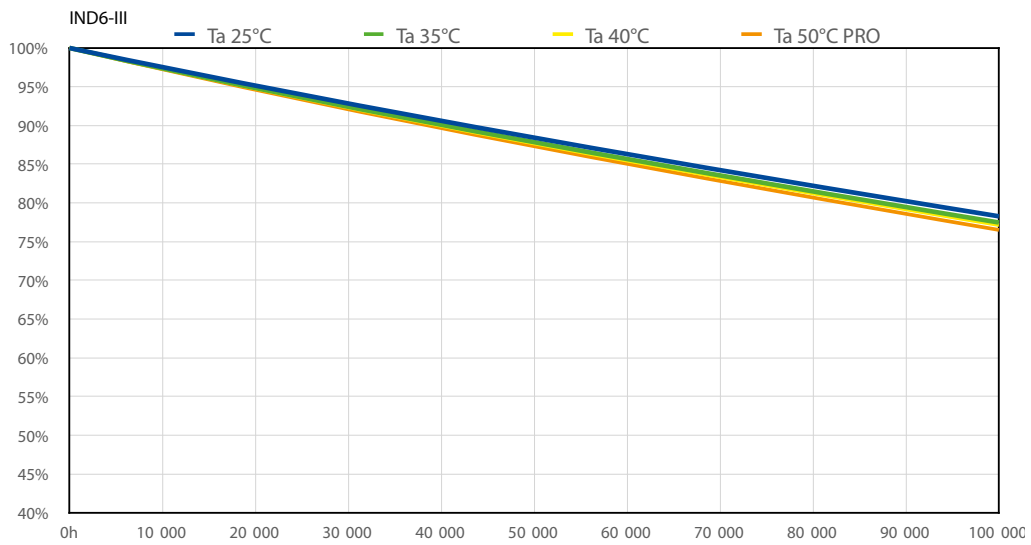
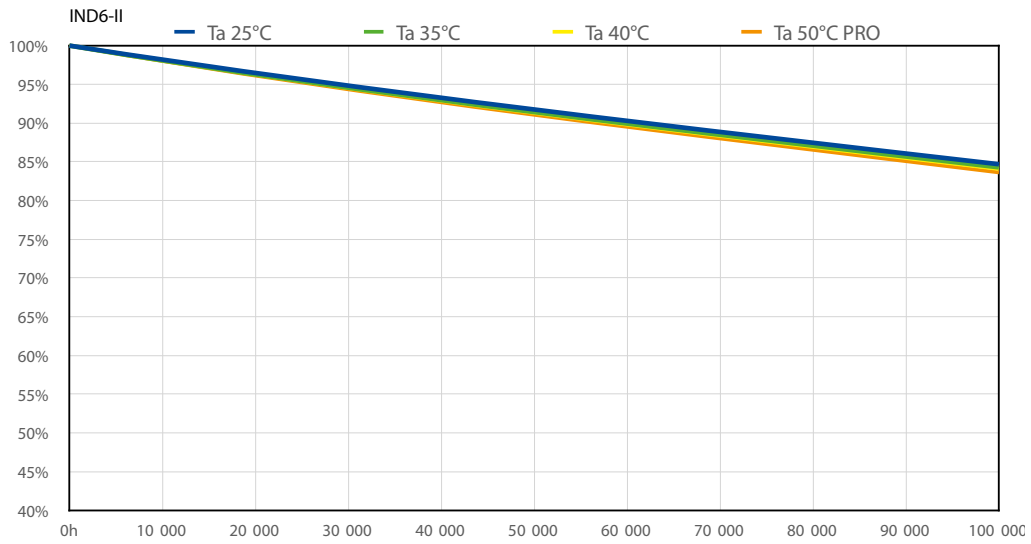
CCT	CIE
3000K	$\sim C_y 0.392 \times C_x 0.434$
4000K	$\sim C_y 0.369 \times C_x 0.383$
5000K	$\sim C_y 0.345 \times C_x 0.367$

## 3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	120-350	VDC
Output current	If	220 / 330 / 430 / 660	mA
Efficiency		95	-

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





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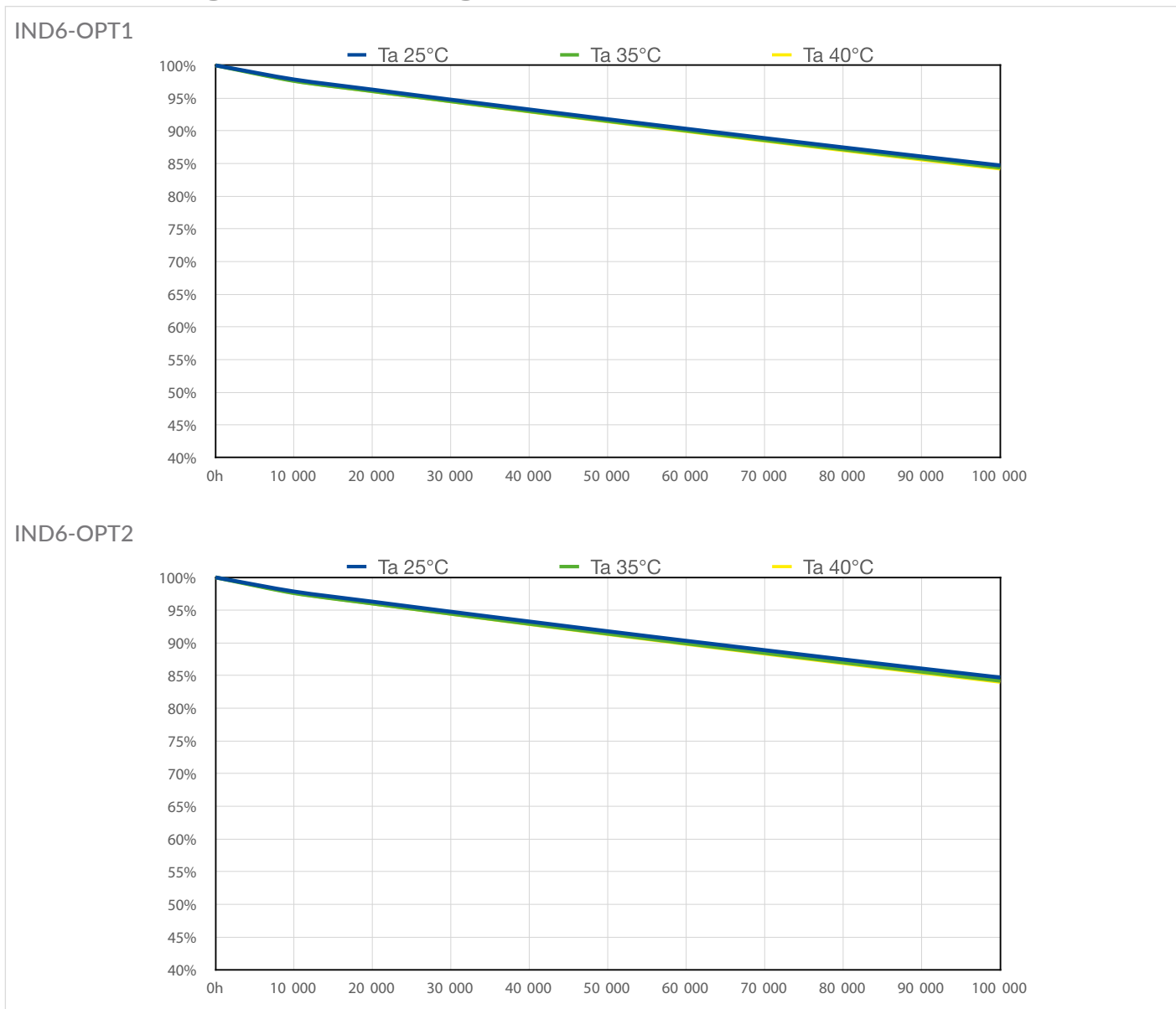
SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	110/108	mA
Forward voltage drop	Vf	2,81/2,81	V
Luminous flux	$\Phi_v$	64,4/63,3	lm
Intensity	Iv	20,5/20,1	cd
Diode efficacy	Ef	208/209	lm/W
Viewing angle at 50% Iv	2 $\downarrow$	120/120	°
Thermal resistance	Rth j-s	7,5/7,5	K/W
Color rendering index	CRI	80/80	Ra
Laminate	CEM-3	1,5	mm

## Available CCT options

CCT	CIE
3000K	~Cy 0.392 x Cx 0.434
4000K	~Cy 0.369 x Cx 0.383
5000K	~Cy 0.345 x Cx 0.367

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



## 3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	220-240/220-240	VAC
Output voltage	Vf	198-264/198-264	VDC
Output current	If	220/660	mA
Efficiency		93/93	%