TECHNICAL SPECIFICATION
HIGHBAY LED 5.0

1. Luminaire

Heat sink material	Aluminum
Power supply casing material	Powder / galvanized steel
Lens material	PC
Diffuser material	Tempered glass

2. Light Source

SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	96	mA
Forward voltage drop	Vf	2.76	V
Luminous flux	Φv	55.4	lm
Intensity	Iv	17.6	cd
Diode efficacy	Ef	208	lm/W
Viewing angle at 50% Iv	2↓	120	°
Thermal resistance	Rth j-s	7,5	°C/W
Color rendering index	CRI	>80	Ra
Laminate	-	MCPCB 1,5	mm

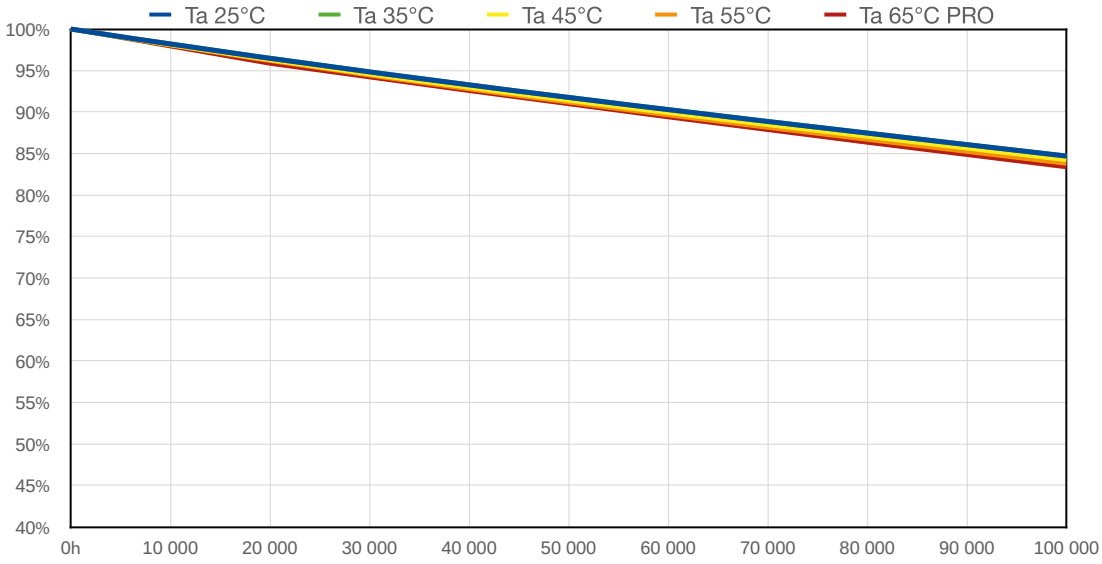
Luxon Sp. z o. o., ul. Kwiatowa 45, 55-330 Krępice
tel.: 71 733 60 50, www.luxon.pl / biuro@luxon.pl
NIP: 8942513867, REGON: 932025487, KRS: 0000138301, Nr rejestrowy GIOŚ: E0016476W

Available CCT options

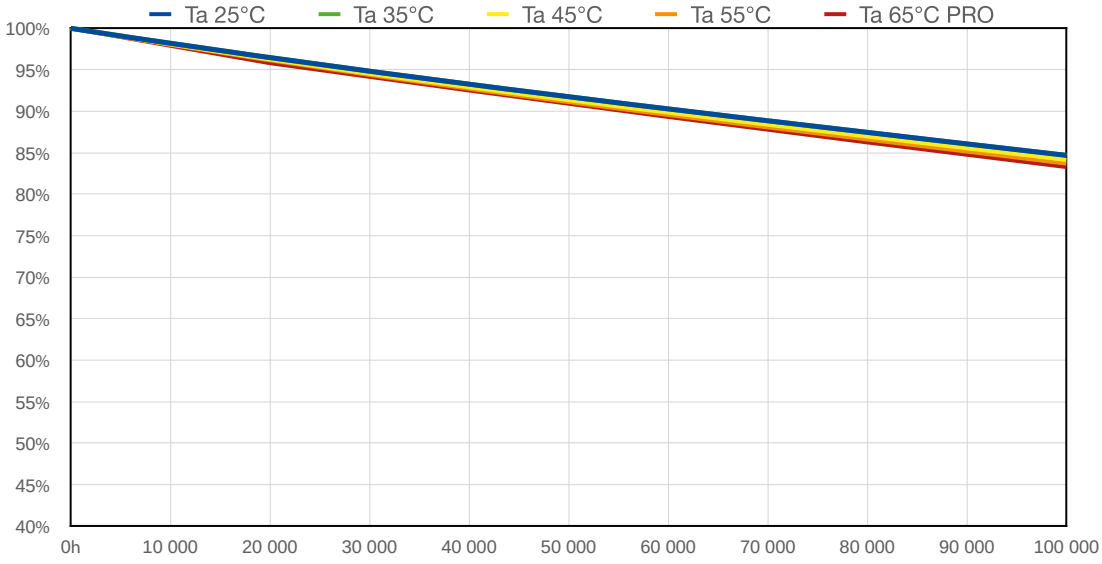
3000K	~Cy 0.392 x Cx 0.434
4000K	~Cy 0.369 x Cx 0.383
5000K	~Cy 0.345 x Cx 0.367

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

Highbay:LED 5.0 I



Highbay:LED 5.0 II



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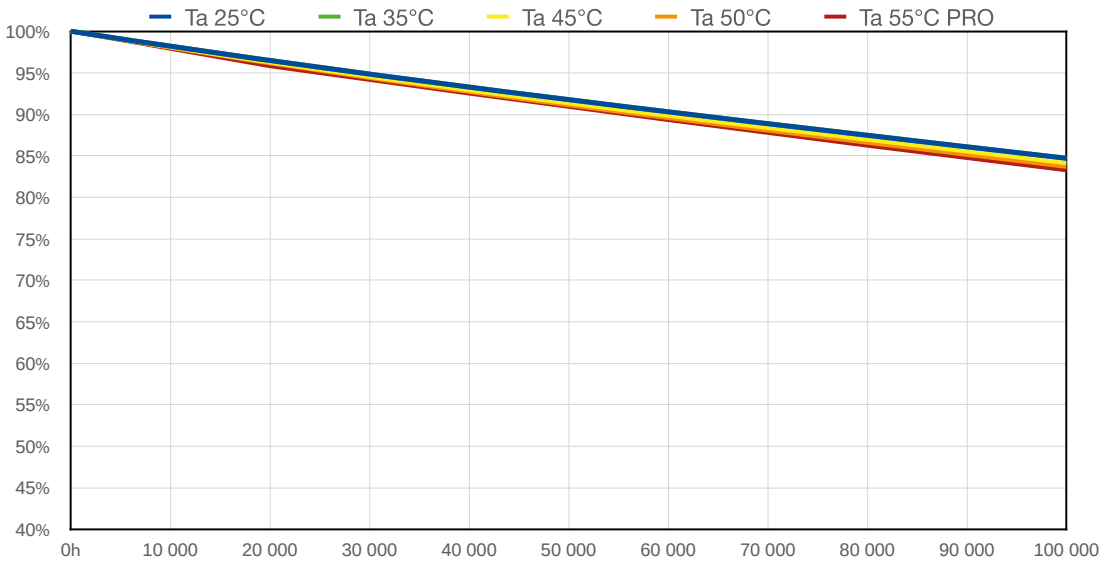
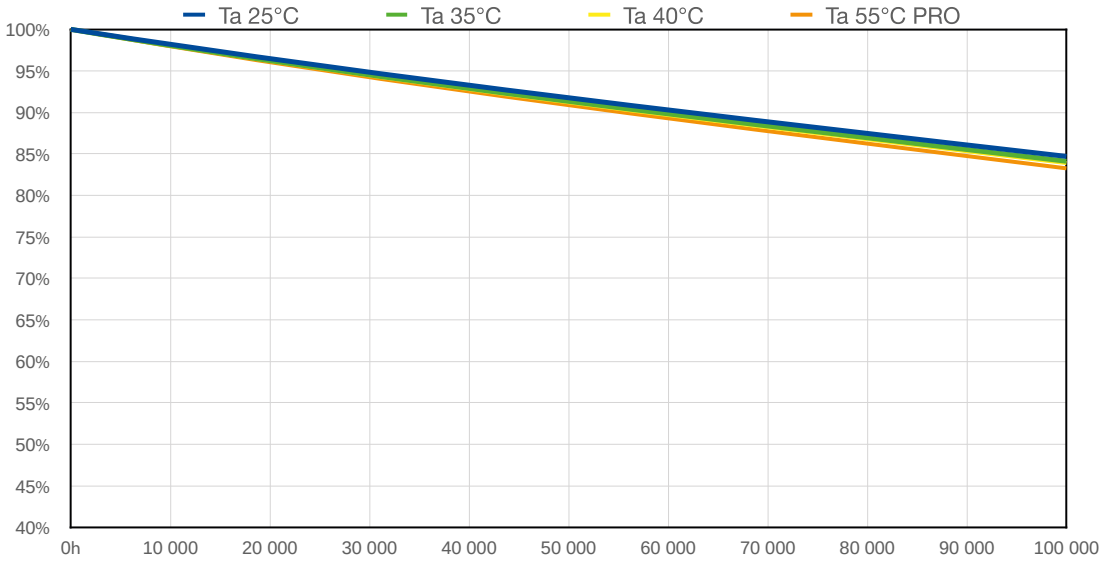
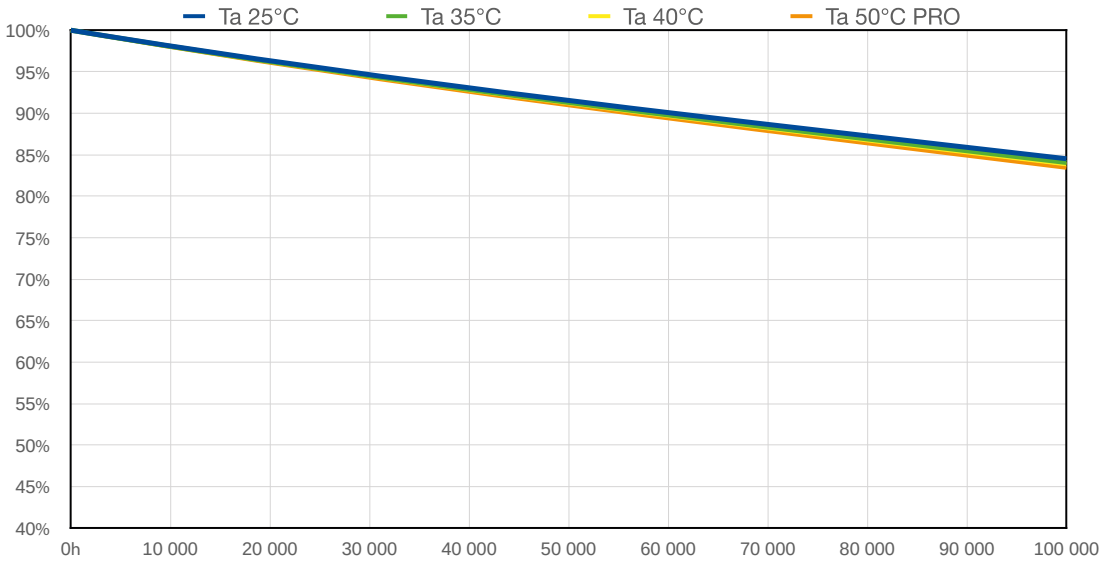
Highbay:LED 5.0 III



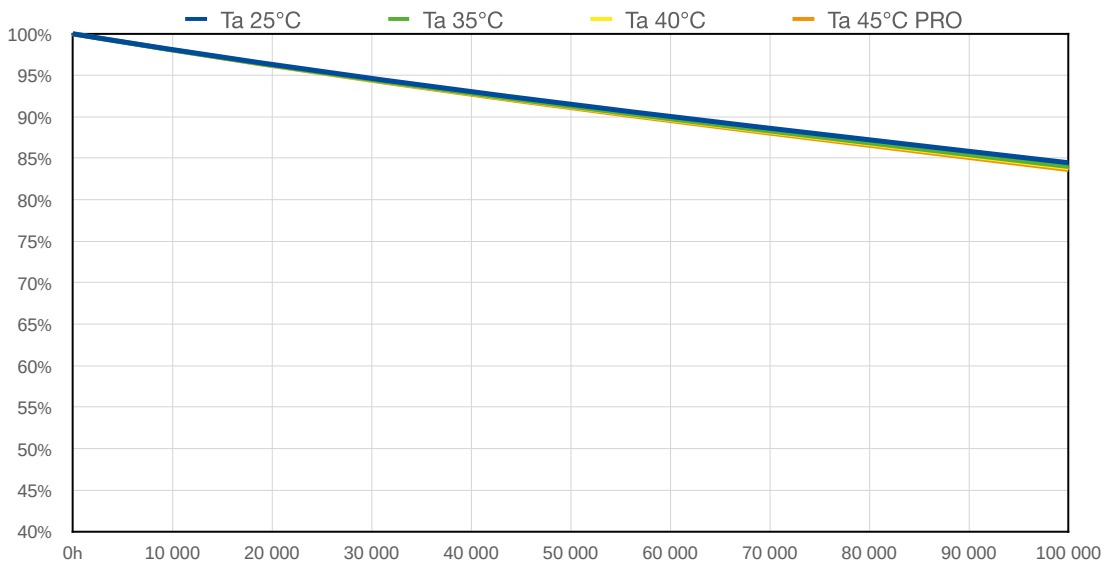
Highbay:LED 5.0 IV



Highbay:LED 5.0 V



Highbay:LED 5.0 VI



3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	120-350	VDC
Output current	If	350 - 700	mA
Efficiency		95	%