

TECHNICAL SPECIFICATION

ULTIMA:LED DBL HPT

1. Luminaire

Heat sink material	Anodized aluminum
Optics material	PMMA / Glass
Diffuser material	Tempered glass / Polycarbonate

2. Light Source



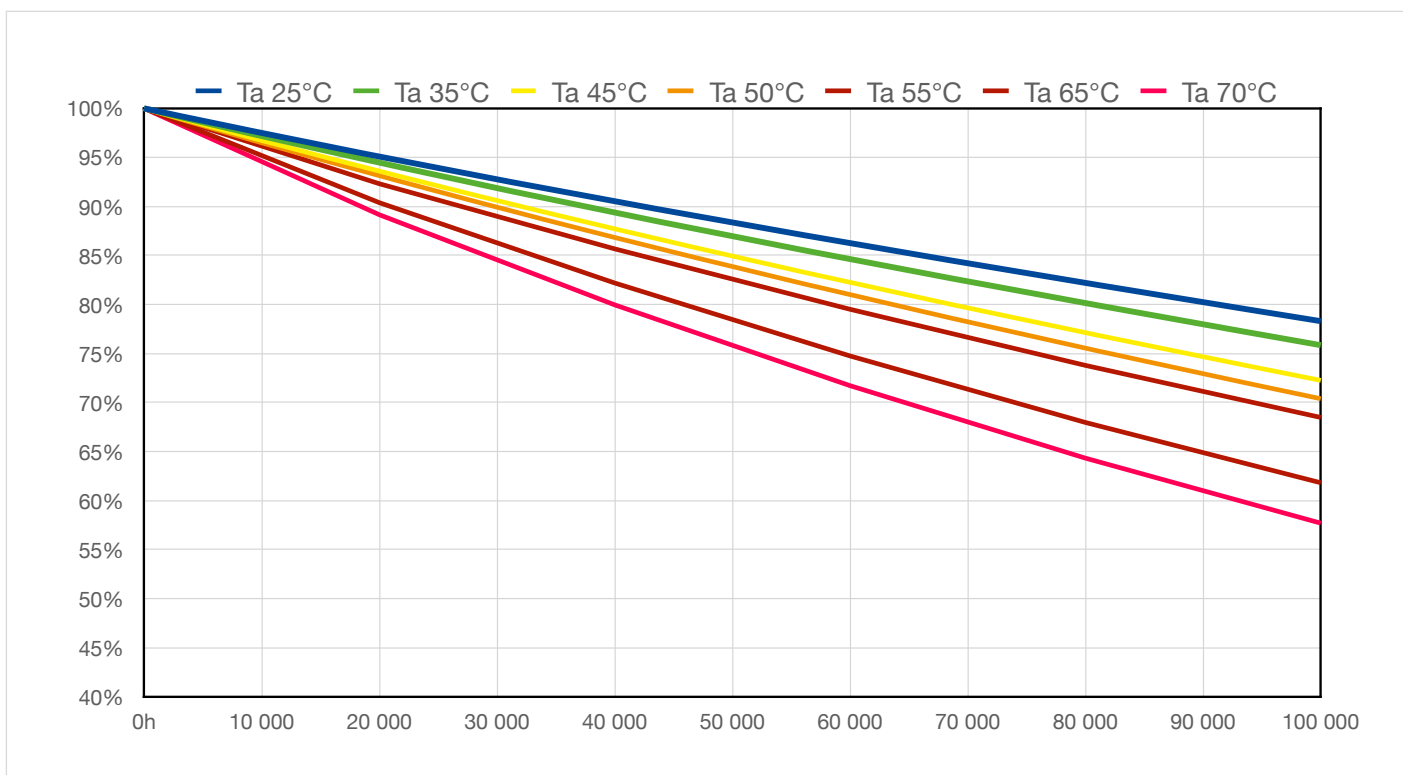
SAMSUNG LM301B

Parameter	Symbol	Value	Unit
Drive current	If	142 / 183	mA
Forward voltage drop	Vf	2,77 / 2,81	V
Luminous flux	Φ_v	75,1 / 95	lm
Intensity	Iv	23,8 / 30	cd
Diode efficacy	Ef	192 / 185	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	-	MCPCB 1,5	mm

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)



3. Power supply

Parameter	Symbol	Value	Unit
Input voltage	Vf	198-264	VAC
Output voltage	Vf	64-300	VDC
Output current	If	200 - 700	mA
Efficiency		>91	%