

TECHNICAL SPECIFICATION

BATEN:LED

1. Luminaire

| | |
|-------------------|----------|
| Heatsink material | Aluminum |
| Diffuser material | PC |

2. Light Source



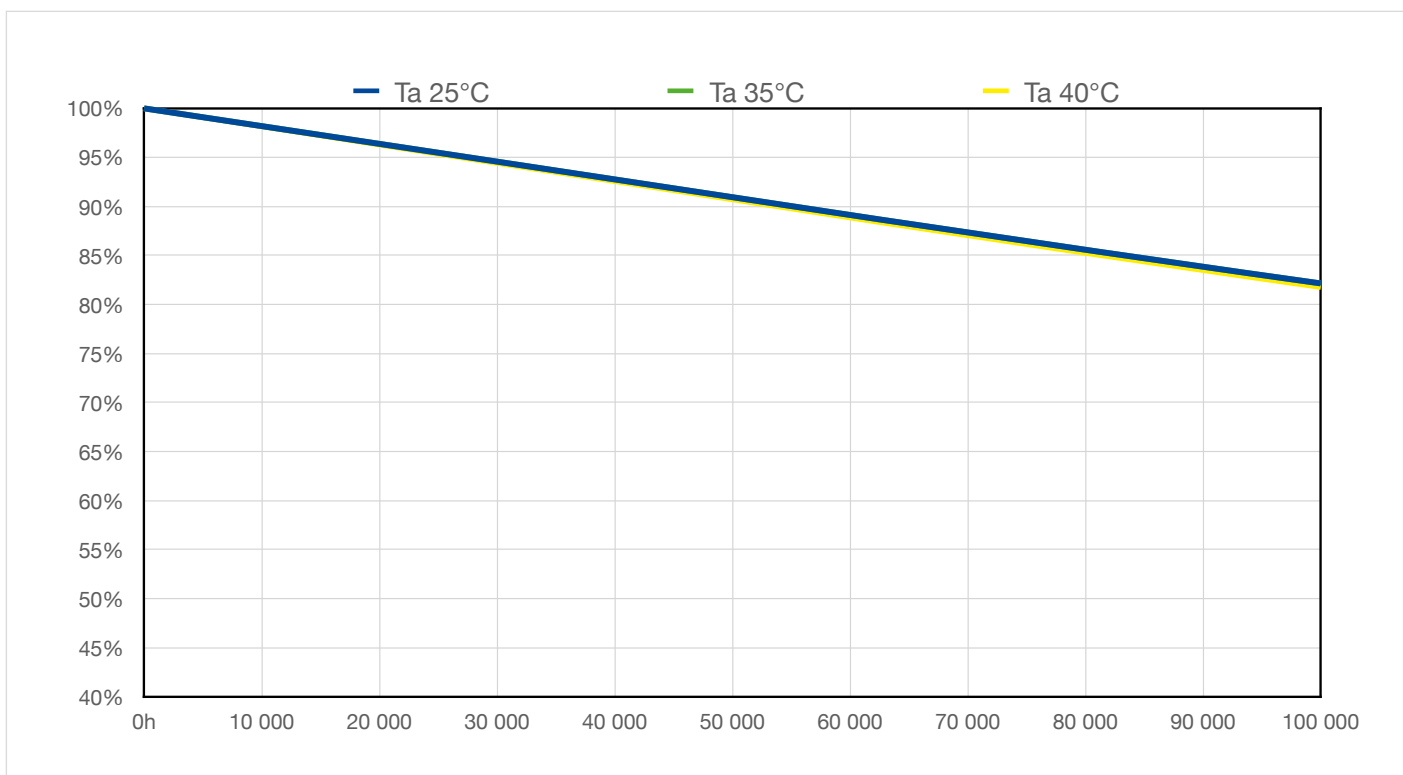
SAMSUNG LM281B+

| Parameter | Symbol | Value | Unit |
|-------------------------|----------------|-------------|------|
| Drive current | If | 42 / 58 | mA |
| Forward voltage drop | Vf | 2,65 / 2,70 | V |
| Luminous flux | Φ_v | 21 / 29 | lm |
| Intensity | Iv | 7 / 9 | cd |
| Diode efficacy | Ef | 189 / 183 | 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 | - | FR4 1 | 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)



3. Power supply

| Parameter | Symbol | Value | Unit |
|----------------|--------|-----------|------|
| Input voltage | Vf | 220-240 | VAC |
| Output voltage | Vf | 27-51 | VDC |
| Output current | If | 500 / 700 | mA |
| Efficiency | | <86 | % |