

# TECHNICAL SPECIFICATION

## DOWNLIGHT 2.0 RCA

### 1. Luminaire

Case material	Aluminum
Diffuser material	PS
Collar material	ABS
The power supply housing material	Plastic

### 2. Light Source



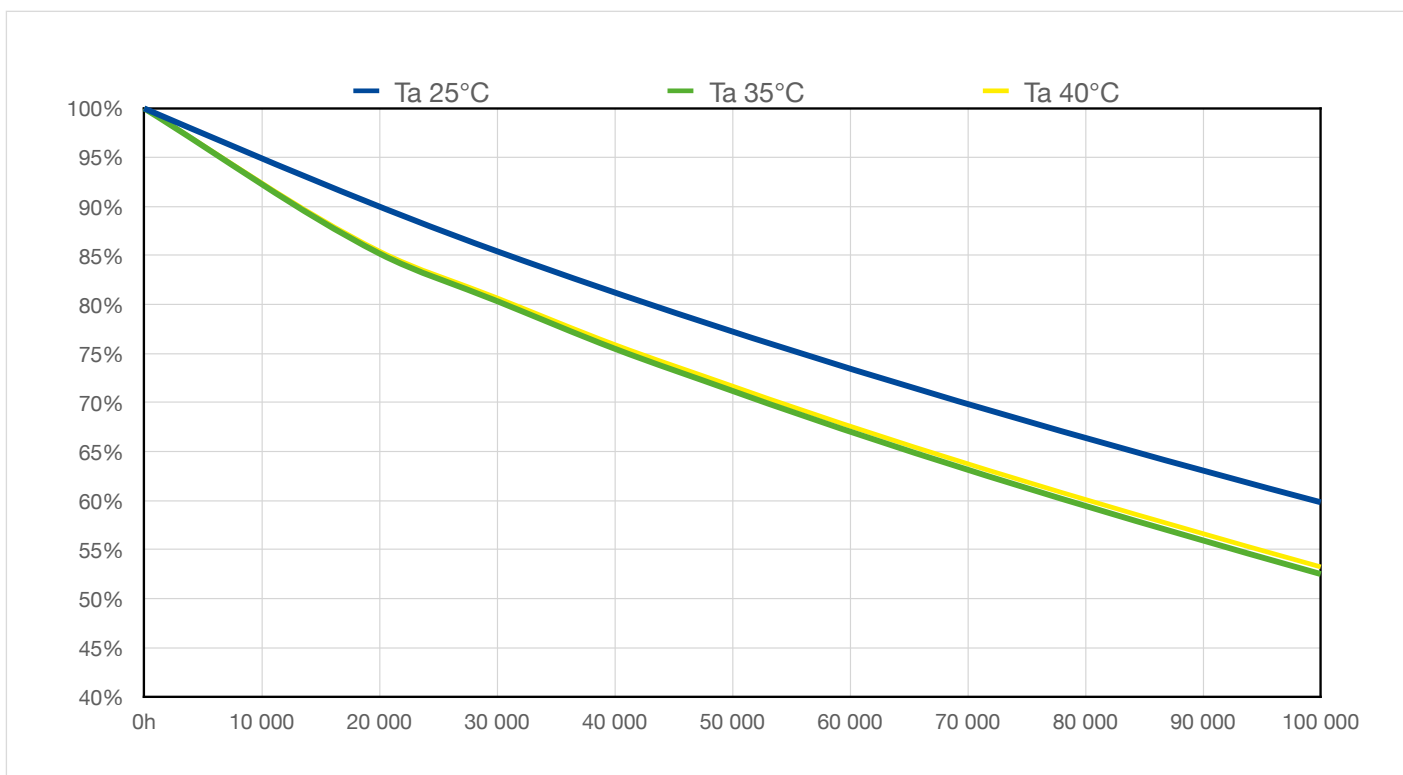
Bridgelux 40E4000-F

Parameter	Symbol	Value	Unit
Drive current	$I_f$	1050	mA
Forward voltage drop	$V_f$	29,5	V
Luminous flux	$\Phi_v$	3900	lm
Intensity	$I_v$	1241	cd
Diode efficacy	$E_f$	126	lm/W
Viewing angle at 50% $I_v$	$2\downarrow$	120	°
Thermal resistance	$R_{th\ j-s}$	0,13	°C/W
Color rendering index	CRI	80	Ra
Laminate	-	MCPCB 1	mm

## Available CCT options

3000K	~ Cy 0.4000 x Cx 0.4340
4000K	~ Cy 0.3800 x Cx 0.3820
5000K	~ Cy 0.3550 x Cx 0.3450

## 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	25-43	VDC
Output current	If	1050	mA
Efficiency		89	%