

Technical Sheet

MACROLUX

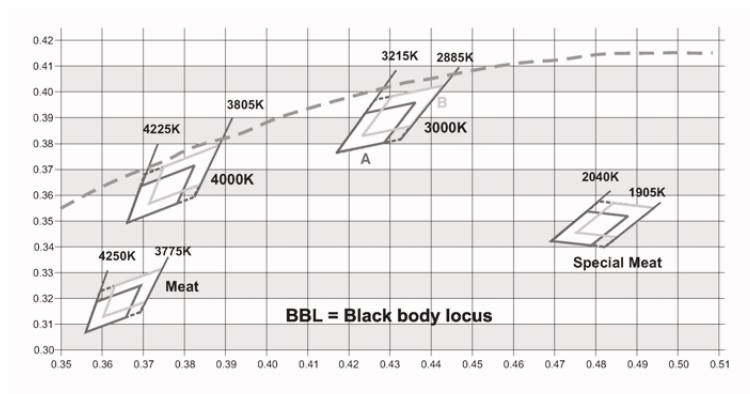
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Produc code 11.111.3000.--



LED COB 111

Built-in LEDSpot equipped with a reflector, heat sink, leads and optional plug



Electrical Characteristics at $t_p = 65^\circ\text{C}$

Type	Ref. No.	Typ. voltage DC			Temperature Coefficient mV/K	Typ. power consumption		
		350 mA V	500 mA V	700 mA V		350 mA W	500 mA W	700 mA W
11.111.3000.--	All types	41.1	42.7	42.7	-25	15	21	30

Voltage and power tolerance: $\pm 10\%$

Maximum Ratings

Exceeding the maximum ratings can lead to reduction of service life or destruction of the modules.

Type	Operation temperature range at t_c -point		Ambient temperature range		Storage temperature range		Max. allowed repetitive peak current (mA)	Max. permitted output voltage of operating device (V)
	$^\circ\text{C min.}$	$^\circ\text{C max.}$	$^\circ\text{C min.}$	$^\circ\text{C max.}$	$^\circ\text{C min.}$	$^\circ\text{C max.}$		
11.111.3000.--	-40	+80	-25	+40	-40	+85	1440	60

Optical Characteristics at $t_p = 65^\circ\text{C}$

Type		Colour	Correlated colour temperature K	Typ. luminous flux** and efficiency at						Typ. beam angle (°)	Typ. CRI R a
				350 mA		500mA		700 mA			
				lm	lm/W	lm	lm/W	lm	lm/W		
11.111.3000.		Warm white	3000°K	1835	127	2545	122	3430	115	16/32	95