



Amber lighting is used for specialty applications including photosensitive processes where a significant reduction in UV Spectrum is required. Amber light, or 570nm lighting, is used in applications where photochemically sensitive materials are being used and/or manufactured to prevent inadvertent exposure to UV (UVA,UVB,UVC). The LED Chip specification is 570nm amber mid-power LEDs designed to produce no ultraviolet (UV) light.

COMMON APPLICATIONS

- Semiconductor Manufacturing
- Pharmaceutical
- Biosafety
- Cleanrooms
- Containment Areas
- Laboratories
- Research and Development
- Bug Deterrent (FDA)
- Containment Areas

COLOR PARAMATERS

CHROMATICITY COORDINATE

$x=0.4903$ $y=0.5004$ $u'=0.2444$ $v'=0.5612$

DOMINANT WL

Ld=577.0nm Purity=97.5% Centroid WL:587.0nm

RATIO

R=17.0% G=83.0% B=0.1% Peak WL Lp=575.0nm HWL 94.2nm

RENDER INDEX

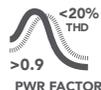
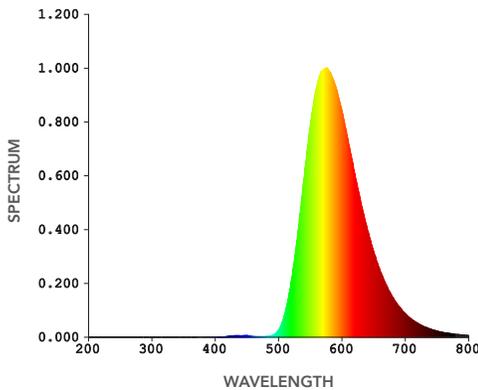
Ra=42.7 AvgR=24.9

R1=38 R2=57 R3=64 R4=27 R5=33 R6=38 R7=66

R8=18 R9=-110 R10=3 R11=0 R12=-10 R13=39 R14=81 R15=29

PHOTO PARAMATERS

FE 10.106 W EFFICACY176.5 lm/W



PART #	WATTAGE*	LUMENS	COLOR**	DIMENSIONS
RP-LBI-G1-4F-15W-40K-WC-AMB	10W/ 15W /25W	1765/ 2648 /4440	AMBER	43.3" X 1.2" X 1.2" in.

*DEFAULT WATTAGE/LUMENS IS IN BOLD **CHOOSE BETWEEN 4000K AND AMBER COLOR TEMPS