

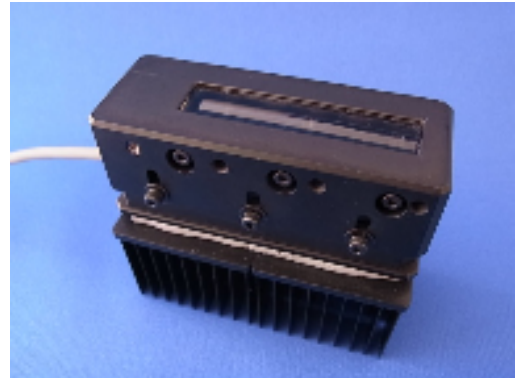
UV Irradiator with LED light source

Patent pending

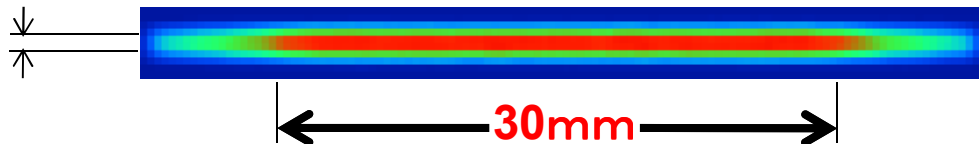
Flat Power®

UVL-330

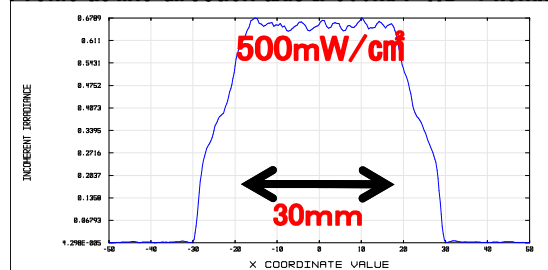
Achieved $500\text{mW}/\text{cm}^2$ broadly 30mm line
 Unique optical design provides uniform intensity
 Generates 30mm line with compact head
 2 options of wavelengths : 365nm 385nm



0.5~1.5mm Simulated profile at irradiated surface



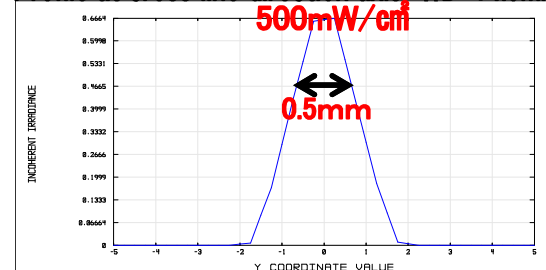
Profile at line direction axis IF600mA WD=14.5mm



UV LINE ILLUMINATION
 TUE NOV 13 2012
 DETECTOR 01 : NSCC SURFACE 1 : WD14.5MM CENTER Y = 0.0000E+000
 SIZE 100.000 W X 10.000 H MILLIMETERS, PIXELS 200 W X 20 H, TOTAL HITS = 261980
 PEAK IRRADIANCE : 6.7888E-001 WATTS/CM²
 TOTAL POWER : 6.2789E-001 WATTS

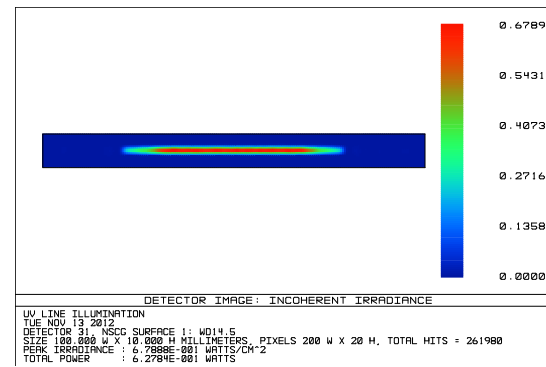
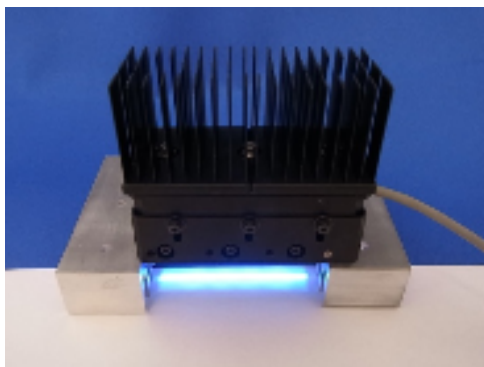
KOLINSEN
 OPTICAL CHARACTERISTIC
 UV 0L30 (WD14.5 (KTR)) 2PK
 CONFIGURATION 1 OF 1

Profile at cross line direction axis WD=14.5mm



UV LINE ILLUMINATION
 TUE NOV 13 2012
 DETECTOR 01 : NSCC SURFACE 1 : WD14.5MM CENTER X = 0.0000E+000
 SIZE 100.000 W X 10.000 H MILLIMETERS, PIXELS 200 W X 20 H, TOTAL HITS = 261980
 PEAK IRRADIANCE : 6.7888E-001 WATTS/CM²
 TOTAL POWER : 6.2789E-001 WATTS

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 CONFIGURATION 1 OF 1



Wavelength: 365nm, 385nm (2 Options)
 Working distance : 14.5mm, 20mm
 (Varies with line thickness options)
 Line thickness: 0.5mm, 1.5mm
 (same as above)
 Line length: 30mm

Dimensions, Weight & Power
 <Head Part>
 Length: 70mm
 Width: 27mm
 Height: 54mm, 60mm (Depends on line
 thickness options)
 Weight: 150g
 Power consumption: 12. 5W

Be used for:
 Curing UV hardening Resins,
 Adhesives, Paint coatings.
 Homogenous Curing Purposes.

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Product specifications are subject to change
 without notice

NACACUE