LED Machine Light

$C\epsilon$ IP67

Image only for representative purpose

The Craftech LED Machine Lights are compact, robust and efficient. It provides bright and uniform light distribution improving productivity and safety in operations. It is suitable for light as well as heavy industrial applications. It is constructed with heavy duty extruded aluminum and tempered glass with frosted surface finish to minimize glare on eyes. With estimated working life of 50,000 hrs, that will provide 5 years of maintenance free operation.

The LED light is available in standard version and can be customized for specific application or requirement

APPLICATIONS

These lamps find wide application in Engineering, Automobile, Process, Textile, Packaging, & more

- Heavy duty and light duty Machines.
- VMC / CNC Machines
- Areas of High Working Temperature.
- Areas of High Humidity.
- Inspection Tables.
- Work Benches.
- Cold Storages.

Advantages & Features

Energy savings over CFL/PL tube fixtures.
Long life of 50,000 hours of continuous operation
Low glare uniform LED Light
Unbreakable Aluminium body, no Glass used
Maintenance free working– saving your time and money
Suitable for wet, dry, oily & dusty environmental conditions
Direct connection to 230 VAC/110 VAC/ 24 VDC without additional components
Designed to resist

Information in the datasheet is subject to modification without prior notice

Craftech, 354, II floor, Mulay I Square,
Opp. Siemens, MIDC, Ambad,
Nashik – 422010, INDIA

craftech ™
Enhancing Business Performance
Email: info@craftech.co.in
www.craftech.co.in

LED Machine Light

Technical Specifications

CE IP67

|	
Light diffuser	PMMA
Housing material	Heady Duty Extruded Anodised Aluminium Housing
Mounting arrangement	"L" Clamp, rotatable mounting to change Light Focus angle
LED Type	LM 80 Approved , 2835 Package LED , 0.2 watt/LED & 0.5 watt/LED
LED Light Angle, Color, CRI	120 Deg, 6500K, >80
Luminaire Light Yeild	110-120 Lumens / Watt
Insulation resistance at 500 VDC	1.3×10^{4} Mega - Ohm
Operating temperature	$-40^{0}C$ to $+85^{0}C$
Operating Life	50,000 Hrs
Standard Confirmity, Degree of Protection	IEC 60947, IEC 60529, IEC 60068 , IP67

Parameters	8W, 230 VAC	12 W, 230 VAC	16 W, 230 VAC	24 W, 230 VAC
Model / Part No	CR-MLL-230-A-8W	CR-MLL-230-A-12W	CR-MLL-230-A-16W	CR-MLL-230-A-24W
Luminious Flux	Emax. 265 lx Emin. 195 lx	Emax. 475 lx Emin. 375 lx	Emax.585 lx Emin.445 lx	Emax. 1330 lx Emin.1000 lx
Dimension In mm (inch) (L X W X H)	265 X 35 X 35 10.43" x 1.37"x 1.37"	385 X 35 X 35 15.15" x 1.37" x 1.37"	500 x 35 X 35 19.68" x 1.37" x 1.37"	500 X 35 X 35 610 X 35 X35 20.40/ 24" x 1.37" x 1.37"

Parameters	8 W, 24 VDC	12 W, 24 VDC	16 W, 24 VDC	24 W, 24 VDC
Model / Part No	CR-MLL-24-D-8W	CR-MLL-24-D-12W	CR-MLL-24-D-16W	CR-MLL-24-D-24W
Luminious Flux	Emax. 279 lx Emin.. 203 lx	Emax. 500 lx Emin. 375 lx	Emax.1165 lx Emin. 916 lx	Emax. 1850 lx Emin. 1340 lx
Dimension In mm (inch) (L X W X H)	265 X 35 X 35 10.43" x 1.37" x 1.37"	385 X 35 X 35 15.15" x 1.37" x 1.37"	500 x 35 X 35 19.68" x 1.37" x 1.37"	500 x 35 X 35 19.68" x 1.37" x 1.37"

Product Dimension Drawing

45 ^{0}
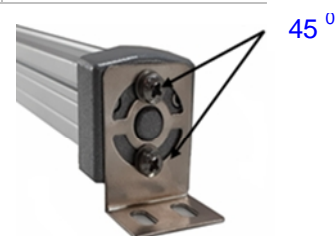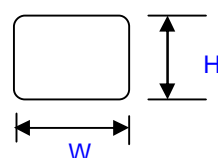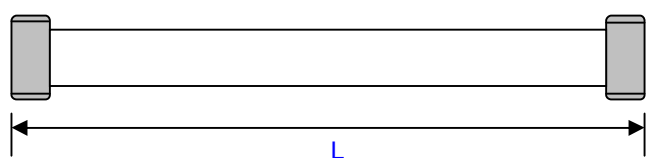
Product Installation Dimension

15mm

M4

45 ^{0}
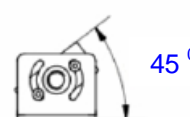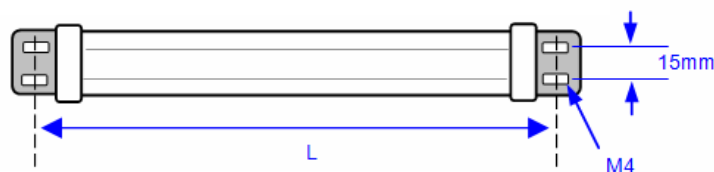
Watt	Mounting Hole Length (L)
8 watt	290 mm (11.41")
12 watt	410 mm (16.14")
16 watt	525 mm (20.66")
24 watt	525 mm (20.66")

Accessories:
SS Screw M4 X 15 mm – 4 nos
SS Nut – 4 nos

Information in the datasheet is subject to modification without prior notice

craftech™
Enhancing Business Performance

LED Machine Light

Lux Diagram

Lux Diagram for 8 watt, 240 VAC
Light Mounting Height 100 cm

| Eavg: 227 lx | Emax: 265 lx | Emin: 195 lx |
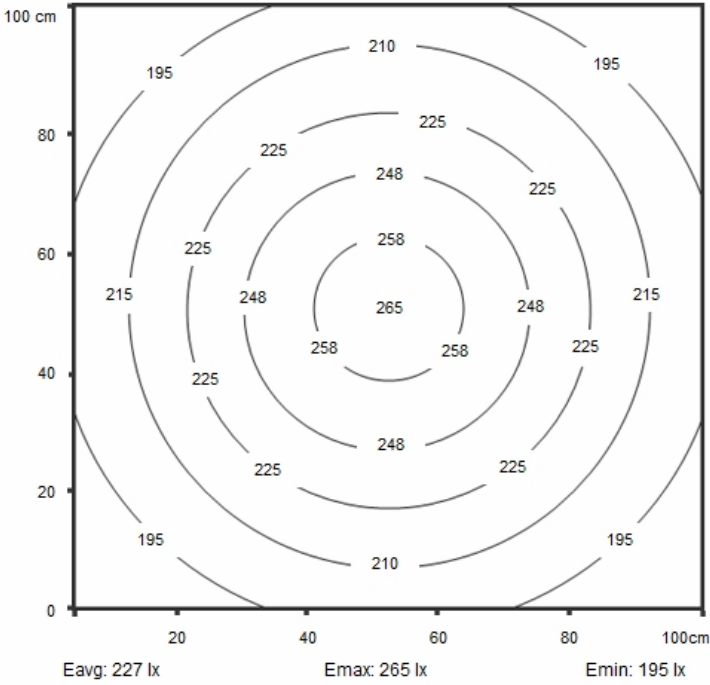
Lux Diagram for 12 watt, 240 VAC
Light Mounting Height 100 cm

| Eavg: 410 lx | Emax: 475 lx | Emin: 355 lx |
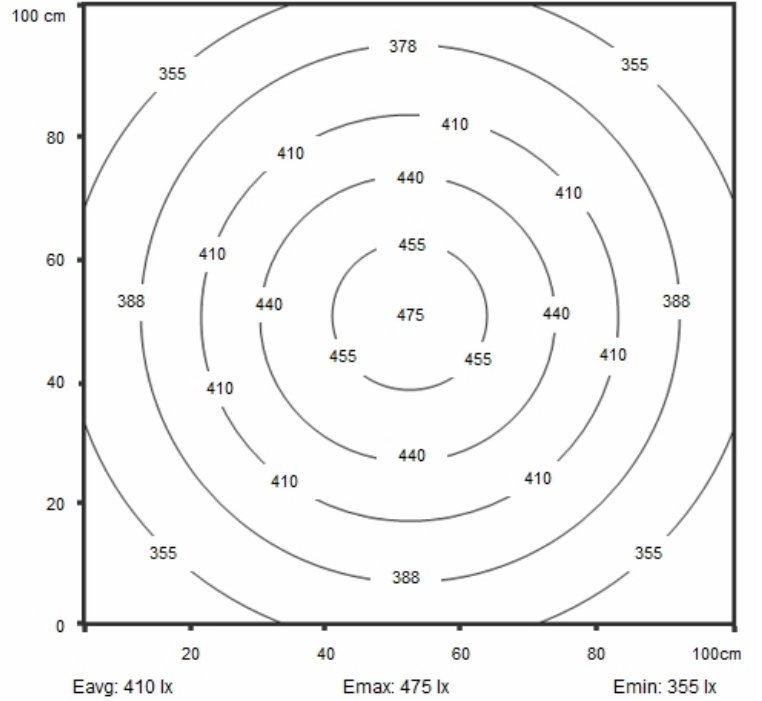
Lux Diagram for 16 watt, 240 VAC
Light Mounting Height 100 cm

| Eavg: 512 lx | Emax: 585 lx | Emin: 445 lx |

Lux Diagram for 24 watt, 240 VAC
Light Mounting Height 100 cm
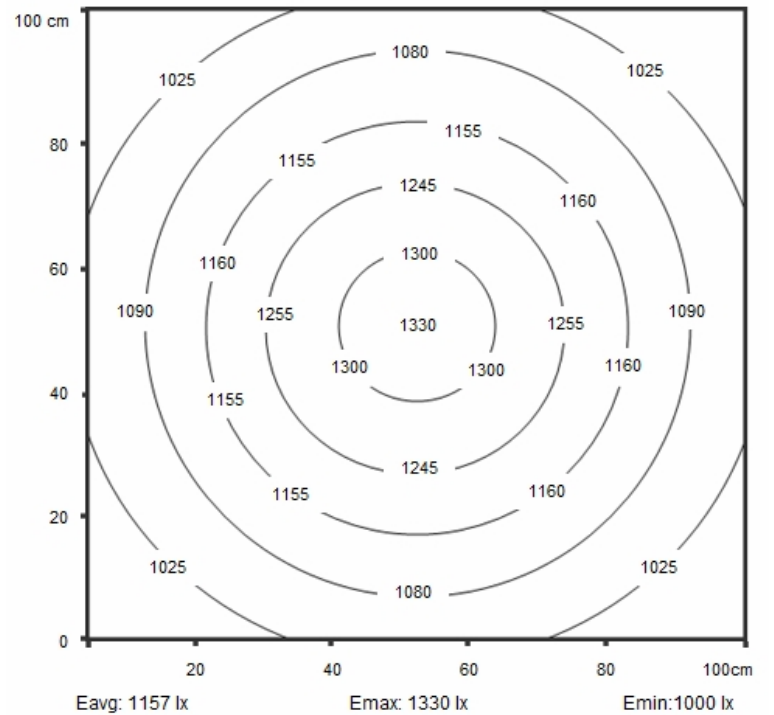
| Eavg: 1157 lx | Emax: 1330 lx | Emin:1000 lx |

Information in the datasheet is subject to modification without prior notice

Craftech, 354, II floor, Mulay I Square,
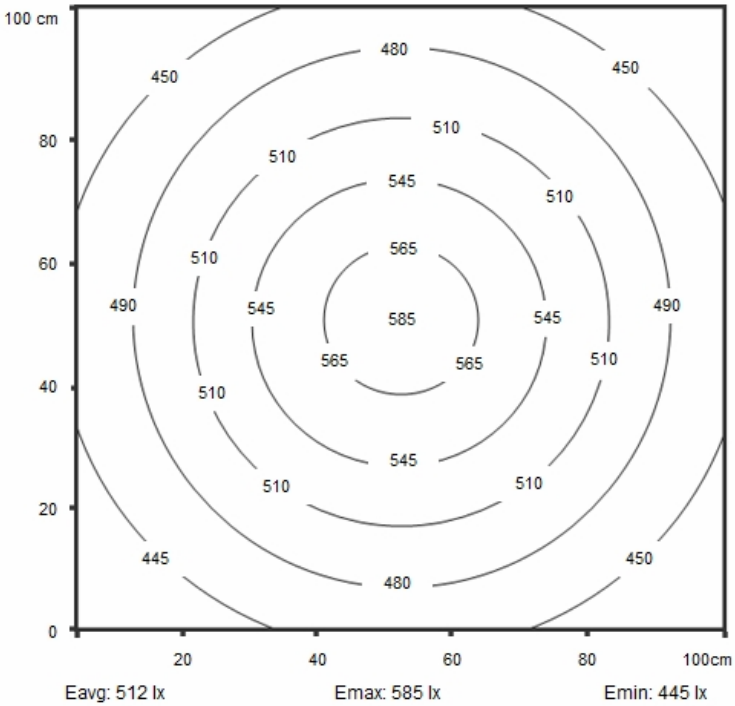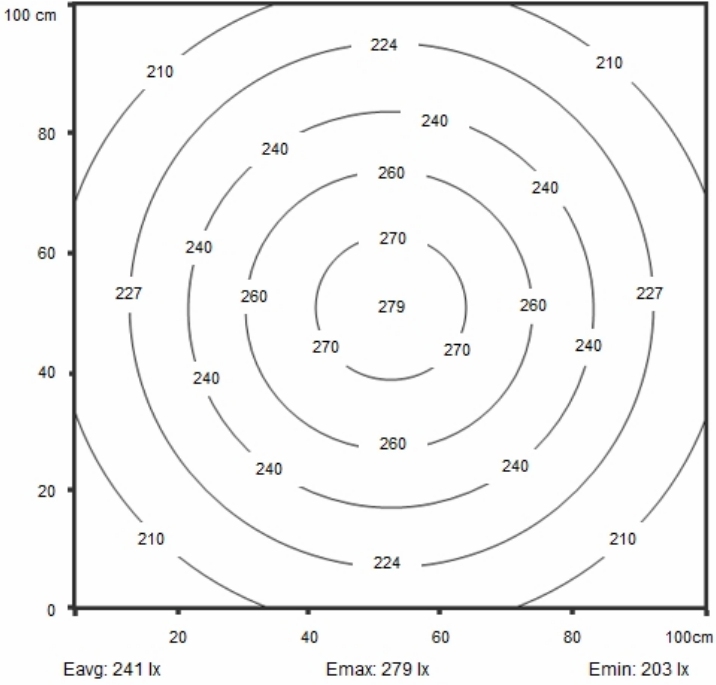Opp. Siemens, MIDC, Ambad,
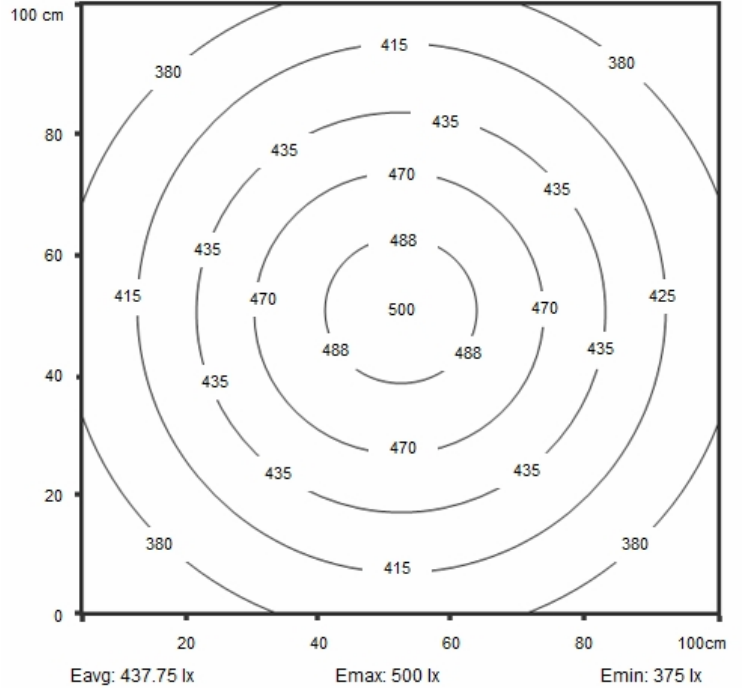Nashik – 422010, INDIA

craftech™
Enhancing Business Performance

Email: info@craftech.co.in
www.craftech.co.in

LED Machine Light

Lux Diagram

Lux Diagram for 8 watt, 24 VDC
Light Mounting Height 100 cm

Eavg: 241 lx   Emax: 279 lx   Emin: 203 lx

Lux Diagram for 12 watt, 24 VDC
Light Mounting Height 100 cm

Eavg: 437.75 lx   Emax: 500 lx   Emin: 375 lx

Lux Diagram for 16 watt, 24 VDC
Light Mounting Height 100 cm

Eavg: 1043 lx   Emax: 1165 lx   Emin: 916 lx

Lux Diagram for 24 watt, 24 VDC
Light Mounting Height 100 cm

Eavg: 1606 lx   Emax: 1850 lx   Emin: 1340 lx

Information in the datasheet is subject to modification without prior notice

Craftech, 354, II floor, Mulay I Square,
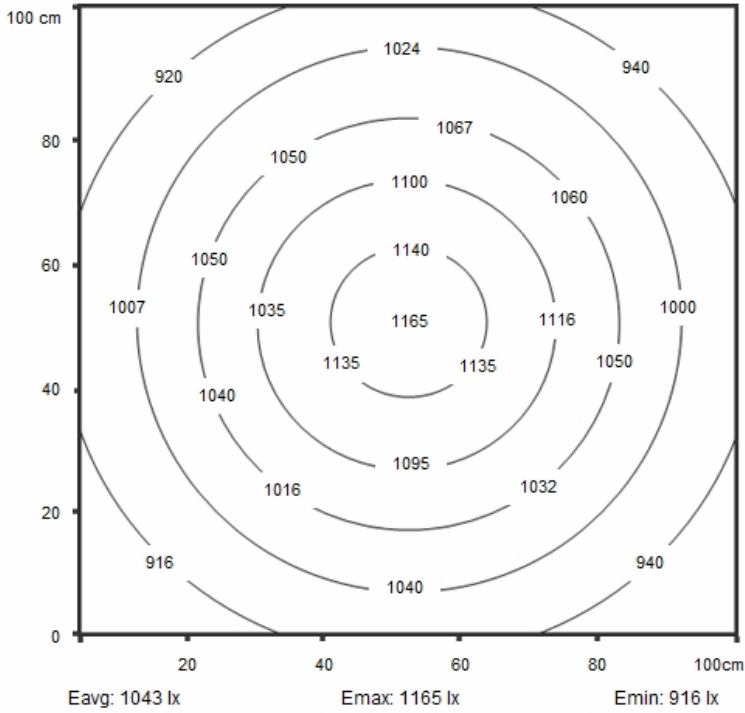Opp. Siemens, MIDC, Ambad,
Nashik – 422010, INDIA

craftech™
Enhancing Business Performance

Email: info@craftech.co.in
www.craftech.co.in