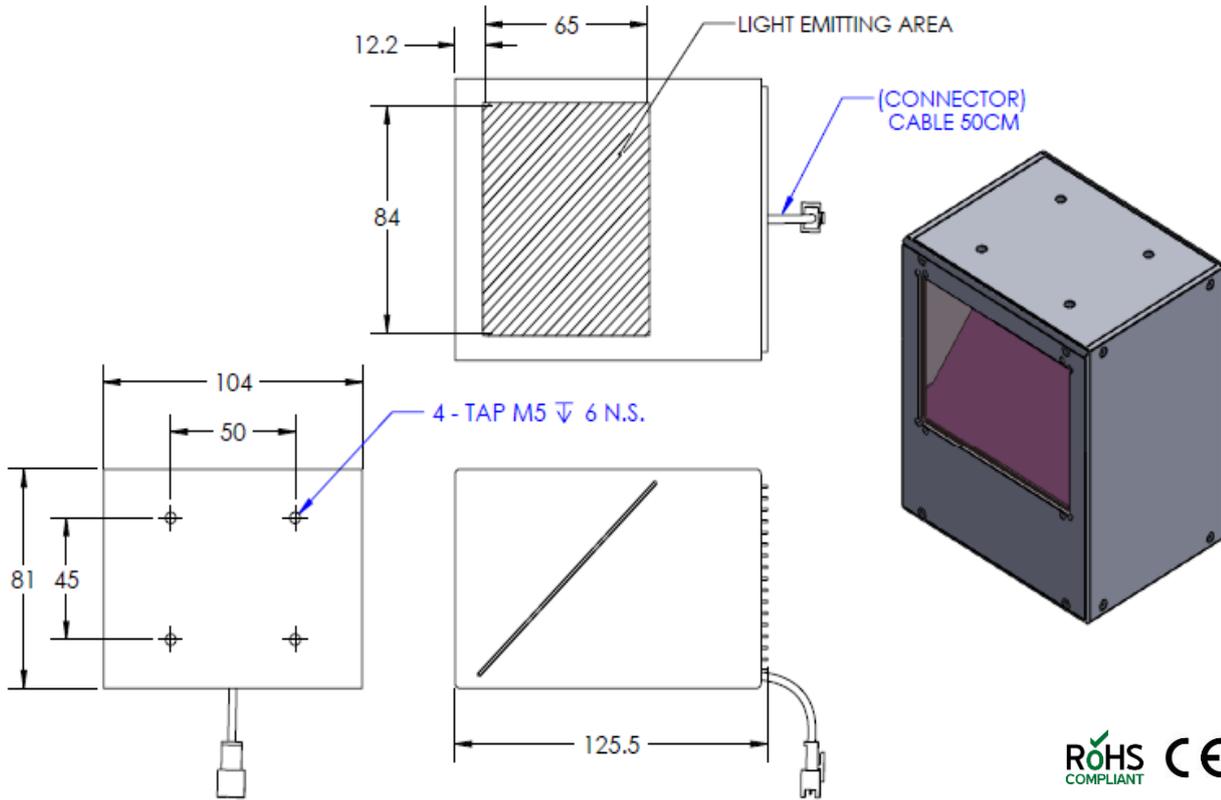




ILLUMINATOR DATA

CAS2-00-080-X-B-24V

Lighting Dimension



| Mechanical Information | |
|---------------------------|------------------------------|
| Casing Material | Aluminium |
| Storage Temperature Range | Temp 0-45°C, Humidity 20-85% |
| Weight | 690g |
| Width | 104mm |
| Length | 125.5mm |
| Thickness | 81mm |



CAS2-00-080-X-B-24V

| Optical Information | | | |
|---|--------|---|--------------------|
| Part Number | | CAS2-00-080-X-B-24V | |
| LED Color | | BLUE | |
| Wavelength | (nm) | 470 | |
| Intensity | (Lux) | 5760 | 4660 3810 |
| Working Distance | (mm) | 40 | 50 60 |
| Illumination (number of row) | | X | |
| Illumination Active Area | | | |
| Active Area | (mm) | 84 X 65 | |
| Emission angle | (deg.) | 0 | |
| Eye Safety Class | | II | |
| Electrical Information | | | |
| Lighting Supply Voltage (constant voltage mode) | | 24V ± 2% | |
| Continuous Current | (mA) | 456 | |
| Power Consumption | (W) | 10.94 | |
| LED temperature, Operating after 60 minutes | °C | 55.9 | |
| Lighting casing temperature, Operating after 60 minutes | °C | 52.1 | |
| Strobe Mode Specification | | | |
| Pulse Operation | | YES | |
| Max. Lighting Supply Voltage (Constant voltage power supply) | (V) | Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle Recommended at 36VDC | |
| Pulse Current, (Max. 10msec) (Constant current power supply) | (mA) | 1368 | |
| Max. Trigger Pulse Duration | (msec) | 10 | |
| Duty Cycle | | 0-10% | |
| Additional Information | | | |
| Additional Cooling Method | | Attached to machine part for better heat dissipation | |
| Life span in continuous mode | | 20,000 hours (drop to 50% intensity) at 25°C | |
| Life span in strobe mode | | Est. >50,000 hours (drop to 50% intensity) at 25°C | |
| Intensity Controller Selection | | ANG-Series, LC-Series, STB-Series | |
| CE Conformity | | YES | |
| RoHS Compliance | | YES | |
| Connection | | | |
| Connector Type (Default): | | JST SMR-03V | |
| Cable Length out from lighting : | (mm) | 500 | |
| Pin Configuration : | | Pin | Signal Cable Color |
| | | 1 | LED + RED |
| | | 2 | N.C. --- |
| | | 3 | LED - WHITE |
|  | | | |
| Application | | | |
| Optimal Working Distance | (mm) | 40 - 60 | |