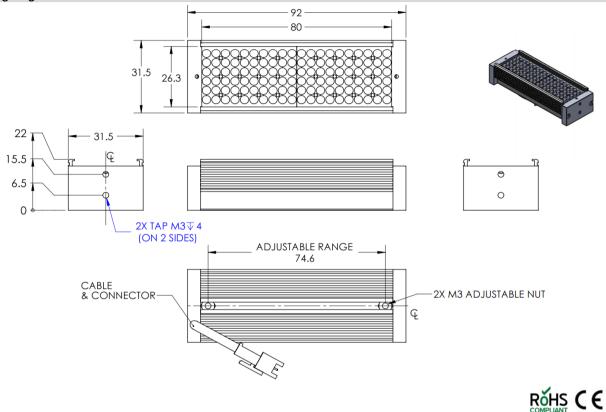
ILLUMINATOR DATA-ID

LBRX-00-080-6-W-24V

TMS

Lighting Dimension



Mechanical Information	
Casing Material	Aluminium
Storage Temperature Range	Temp 0 - 45°C, Humidity 20-85%
Weight	100 g
Length / Outer Diameter	92 mm
Width / Inner Diameter	31.5 mm
Thickness / Height	22 mm

ILLUMINATOR DATA-ID

LBRX-00-080-6-W-24V

TMS

Variable LBRX-00-080-6-W-24V LED Color WHTE Wavelength (nm) * Refer to the Chromaticity Table Below Intensity (£15%) (Lux) 10700 8310 Working Distance (mm) 100 130 Illumination (number of row) 6 1100 130 Illumination Active Area 6 1100 480 Active Length / Outer Diameter (mm) 26.3 6 Emission angle (deg.) 0 0 10.307 0.3 Eve Safety Class (IEC62471) EXEMPT * 10.307 0.3 10.307 0.3 Electrical Information X 0.296 0.287 0.307 0.311 0.307 0.3 Lighting Supply Voltage (constant voltage mode) 24V ± 2% 2			
LED Color WHITE Wavelength (nm) * Refer to the Chromaticity Table Below Intensity (±15%) (Lux) 10700 8310 Working Distance (mm) 100 130 Image: Constant voltage mode) Illumination (number of row) 100 130 Image: Constant voltage mode) Constant voltage mode) 6 Active Width / Inner Diameter (mm) 26.3 Image: Constant voltage mode) 0 Electrical Information X 0.296 0.307 0.311 V 0.337 0.33 Lighting Supply Voltage Image: Constant voltage mode) 24V ± 2% Continuous Current 24V ± 2% Continuous Current 144 Power Consumption (M) 3.46 Lighting casing temperature, 144	150		
Xavelength (nm) * Refer to the Chromaticity Table Below Intensity (15%) (Lux) 10700 8310 Image: State S	150		
Intensity (±15%) (Lux) 10700 8310 Working Distance (mm) 100 130 Illumination (number of row) 6 6 Illumination Active Area 6	150		
Xorking Distance (mm) 100 130 Illumination (number of row) 6 6 Illumination Active Area 6 6 Active Length / Outer Diameter (mm) 80 Active Kvidth / Inner Diameter (mm) 26.3 Emission angle (deg.) 0 Ever Safety Class (IEC62471.) 0 EXEMPT *CHROMATICITY TABLE X 0.287 0.307 0.311 V 0.276 0.395 0.311 V 0.307 0.335	150		
Illumination (number of row) 6 Illumination Active Area 6 Active Length / Outer Diameter (mm) Active Width / Inner Diameter (mm) Active Width / Inner Diameter (mm) Emission angle (deg.) Eye Safety Class (IEC62471) 0 *CHROMATICITY TABLE X 0.307 0.311 Y 0.276 0.295 0.315 0.294 Y 0.276 0.295 0.315 0.329 Electrical Information Y 0.276 0.295 0.315 0.39 Lighting Supply Voltage (constant voltage mode) 24V ± 2% Continuous Current (mA) Power Consumption (W) 3.46 Ughting casing temperature,	3 0.33		
Illumination Active Area 80 Active Length / Outer Diameter (mm) 80 Active Width / Inner Diameter (mm) 26.3 Emission angle (deg.) 0 Eye Safety Class (IEC62471) X 0.296 0.307 0.311 X 0.307 0.3 *CHROMATICITY TABLE X 0.296 0.287 0.307 0.311 Y 0.307 0.3 Electrical Information Y 0.276 0.295 0.315 0.294 0.315 0.337 Lighting Supply Voltage (constant voltage mode) $24V \pm 2\%$ $24V \pm 2\%$ Continuous Current (mA) 144 Power Consumption 144 Power Consumption (W) 3.46 144 7			
X ctive Length / Outer Diameter (mm) 80 Active Width / Inner Diameter (mm) 26.3 Emission angle (deg.) 0 Eye Safety Class (IEC62471) 0 EXEMPT *CHROMATICITY TABLE X 0.296 0.317 0.311 0.307 0.3 *CHROMATICITY TABLE X 0.276 0.295 0.315 0.294 Y 0.294 0.315 0.3 Electrical Information 24V ± 2% 24V ± 2% Continuous Current (mA) 144 Power Consumption 144 Power Consumption 3.46 Lighting casing temperature, 3.46 Upting temperature, 3.46 Upting casing temperature, 3.46			
X 0.296 0.287 0.307 0.311 0.307 0.331 Y 0.296 0.287 0.315 0.294 0.315 0.331 0.307 0.331 Electrical Information X 0.296 0.287 0.315 0.294 0.315 0.331 0.307 0.335 0.331 0.307 0.335 0.335 0.331 0.307 0.335 <t< td=""><td></td></t<>			
Emission angle (deg.) 0 Eve Safety Class (IEC62471) EXEMPT EXEMPT * CHROMATICITY TABLE X 0.296 0.287 0.307 0.311 V 0.307 0.3 Electrical Information Y 0.276 0.295 0.315 0.294 V 0.315 0.33 Lighting Supply Voltage (constant voltage mode) 24V ± 2% Continuous Current 144 Power Consumption 144 Power Consumption 144 Lighting casing temperature, 3.46 Ligh			
Eye Safety Class (IEC62471) EXEMPT *CHROMATICITY TABLE X 0.296 0.287 0.307 0.311 X 0.307 0.3 *CHROMATICITY TABLE Y 0.276 0.295 0.315 0.294 Y 0.307 0.3 Electrical Information Constant voltage mode)			
*CHROMATICITY TABLE X 0.296 0.287 0.307 0.311 Y 0.276 0.295 0.315 0.294 X 0.311 0.307 0.3 X 0.311 0.307 0.3 X 0.315 0.33 Electrical Information Lighting Supply Voltage (constant voltage mode) Continuous Current (mA) Power Consumption (W) 3.46 Lighting casing temperature,			
n 0.276 0.295 0.315 0.024 n 0.294 0.315 0.335 </td <td></td>			
Lighting Supply Voltage (constant voltage mode) 24V ± 2% Continuous Current (mA) 144 Power Consumption (W) 3.46 Lighting casing temperature,			
(constant voltage mode) 24V ± 2% Continuous Current (mA) 144 Power Consumption (W) 3.46 Lighting casing temperature,			
(constant voltage mode) 24V ± 2% Continuous Current (mA) 144 Power Consumption (W) 3.46 Lighting casing temperature,			
Continuous Current (mA) 144 Power Consumption (W) 3.46 Lighting casing temperature, Image: Construct of the second s			
Power Consumption (W) 3.46 Lighting casing temperature, Image: Comparison of the c			
Lighting casing temperature,			
Strobe Mode Specification			
Pulse Operation YES			
Max. Lighting Supply Voltage (V) Pulsing at 24VDC to 49VDC to 49VDC 0.10% Duty Cycle. Recommended at 26VDC			
(V) Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle, Recommended at 36VDC (Constant voltage power supply)	C		
Pulce Current (Max 10msec)			
(mA) 432			
Constant current power suppry			
Image: Fuse conduction 10 Duty Cycle 0-10%			
Additional Information			
Additional Cooling Method Attached to machine part for better heat dissipation			
Intensity Controller Selection ANG, ST, SD and SDA 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			
Illumination Type Direct Illumination			
Applicattion Use General illumination, label inspection, character inspection, code recognition.			



Thank you for downloading this document from www.machine-vision-shop.com

If you have any questions, you need help composing the right package for your application or do you want to order?

Feel free to contact us via e-mail at sales@visionconsultancy.nl or visit our webshop.

Our vision experts are happy to help you.



Natascha Overhof



Christian Crompvoets



VISION CONSULTANCY

Robert Schumandomein 2 6229 ES Maastricht The Netherlands

+31 (0) 438 522 651

sales@vision-consultancy.nl www.machine-vision-shop.com Scan me to visit machine-vision-shop

