

BHDS-00-40X40-X-W-24V

Lighting Information																					
Part Number	BHDS-00-40X40-X-W-24V																				
LED Color	White																				
Wavelength	6500K																				
Working Distance	NA																				
Intensity (±15%)	NA lx																				
Illumination (number of row)	NA																				
Illumination Active Area	Active Length / Outer Dia. 40 mm																				
	Active Width / Inner Dia. 40 mm																				
Emission angle	0																				
Eye Safety Class (IEC62471)	EXEMPT																				
Chromaticity Table For White colour only	<table border="1"> <tbody> <tr> <td>X</td> <td>0.296</td> <td>0.287</td> <td>0.307</td> <td>0.311</td> <td>X</td> <td>0.311</td> <td>0.307</td> <td>0.33</td> <td>0.33</td> </tr> <tr> <td>Y</td> <td>0.276</td> <td>0.295</td> <td>0.315</td> <td>0.294</td> <td>Y</td> <td>0.294</td> <td>0.315</td> <td>0.339</td> <td>0.318</td> </tr> </tbody> </table>	X	0.296	0.287	0.307	0.311	X	0.311	0.307	0.33	0.33	Y	0.276	0.295	0.315	0.294	Y	0.294	0.315	0.339	0.318
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Electrical Information	
LED Color	White
Rated Constant Voltage	24 V±2%
Rated Constant Current	Min: 40 mA Max:
Power Consumption	Min: 0.96 W Max:
Casing temperature, After 60 minutes operation	TBA

Strobe Mode Specification	
**Normal Strobe Voltage	24 V
LED Color	White
**Normal Strobe Current	Min: NA mA Max: NA mA
Overdrive Voltage Range	Min: NA V Max: NA V
Overdrive Current Range	Min: NA A Max: NA A
Recommended Overdrive Voltage	36 V
***Max. Trigger Pulse Duration	10 msec
***Max. Duty Cycle	10 %

**Normal strobe means the lighting is operated using the rated power. Overdrive means the power supplied to the lighting exceeded the rated power.

***Overdrive condition must not exceed the max. trigger pulse duration and max. duty cycle. Failure in following this may results in damaging the lighting.

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Connection Information			
Connector Type (Default)	JST SMR-03V		
Cable Length	50 cm		
Pin Configuration	Pin	Signal	Cable Colour
	1	LED+	Red
	2	N.C	-
	3	LED-	White
	4		
	5		

Additional Information	
Additional Cooling Method	Attached to machine part for better heat dissipation
Intensity Controller Selection	SD,ST,ANG,LC,SDA,SDP Series
CE Conformity	Yes
RoHS Compliance	Yes
Reach	Yes
BIS	No
UKCA	No

Application	
Illumination Type	BACKLIGHT ILLUMINATION
Application Use	Shape Recognition,Size Measurement

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Lighting Pattern																																												
LED Color	White																																											
Working Distance	NA mm																																											
Display and Image																																												
Data Results	<table border="1"> <thead> <tr> <th>Horizontal</th> <th>Meas.(mm)</th> <th>Vertical</th> <th>Meas.(mm)</th> </tr> </thead> <tbody> <tr><td>90%</td><td>NA</td><td>90%</td><td>NA</td></tr> <tr><td>80%</td><td>NA</td><td>80%</td><td>NA</td></tr> <tr><td>70%</td><td>NA</td><td>70%</td><td>NA</td></tr> <tr><td>60%</td><td>NA</td><td>60%</td><td>NA</td></tr> <tr><td>50%</td><td>NA</td><td>50%</td><td>NA</td></tr> <tr><td>40%</td><td>NA</td><td>40%</td><td>NA</td></tr> <tr><td>30%</td><td>NA</td><td>30%</td><td>NA</td></tr> <tr><td>20%</td><td>NA</td><td>20%</td><td>NA</td></tr> <tr><td>10%</td><td>NA</td><td>10%</td><td>NA</td></tr> </tbody> </table> <table border="1"> <tr> <td rowspan="2">Max</td> <td>Meas.(cd/m2)</td> </tr> <tr> <td>NA</td> </tr> </table>	Horizontal	Meas.(mm)	Vertical	Meas.(mm)	90%	NA	90%	NA	80%	NA	80%	NA	70%	NA	70%	NA	60%	NA	60%	NA	50%	NA	50%	NA	40%	NA	40%	NA	30%	NA	30%	NA	20%	NA	20%	NA	10%	NA	10%	NA	Max	Meas.(cd/m2)	NA
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