

Dome Lights

LDM2 series

Refer to our website for product details.

CCS LDM2

Search



You can also use your smartphone or cell phone.

Use a search engine.

Provides diffused light from a cone-shaped emitting surface



Applications

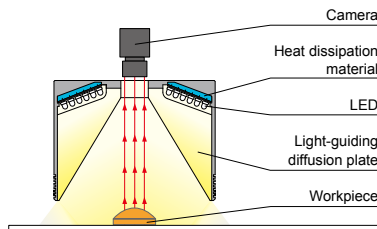
Inspection for the visual/text/color determination on glossy surfaces, curved surfaces, or uneven surfaces, soldering inspection, surface inspection for metal parts, text inspection for can bottoms, and character recognition for glossy workpieces, etc.

LDM2 series

Characteristics

Light illuminated from the LEDs is transmitted through the light-guiding diffusion plate, and diffused light is illuminated evenly from a wide emitting surface to surround the whole workpiece.

Example configuration (LDM2-90)



We accept custom orders. Please feel free to inquire.

- Change to format
- Increase brightness
- Change to wavelength, etc.

Imaging example: Imaging of text on an aluminum bottle can



Workpiece: Aluminum bottle can

LED Bar Light



It is difficult to form an image of the text due to the influence of uneven illumination.



LDM2-90RD2



It is possible to illuminate the whole thing evenly to form an image of the text.

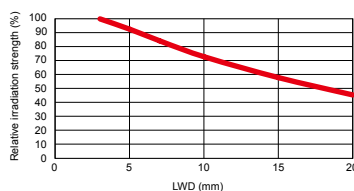
Data: Relative irradiation strength graph/Uniformity graph (Representative example)

*The graph included is for reference only and does not guarantee the quality of this product.

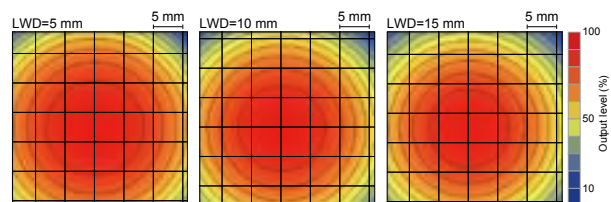
LDM2-50RD2

Relative irradiation strength graph (LWD Characteristics)^{1,2}

¹: Irradiation strength on the optical axis
²: Illuminating distance from the Light Unit to the workpiece



Uniformity graph (Relative irradiation strength)



We have various materials.

PDF Drawings

DXF Drawings

3D CAD

Instruction Guides

Product Filers

Imaging Samples

Data Sheets

Examples of Custom Ordered Products

Download here.

<http://www.ccs-grp.com/dl/>

- LDR2
- LDR2-LA
- LDR-LA1
- SQR
- SQR-TP
- HLDR-IP
- HPR2
- HPR
- LFR
- LKR
- FPR
- FPQ2
- LDL2
- HLDL2
- TH
- LFL
- HPD2
- HPD
- LDM2
- LAV
- PDM
- LFX2
- LFV3
- LFV2/LFV
- MSU
- MFU
- UV2
- UV
- LNSP-UV-FN
- IR
- HLV2
- LV
- LSP
- HFS/HFR
- HLV2-NR
- HLV2-3M- RGB-3W
- PFB2
- PFBR
- LNSP
- CU-LNSP
- LNSP-FN
- LN/LN-HK
- LND2
- HLND
- LT
- LNV
- Telecentric Lens
- Macro Lens

Lineup

Model name	LED color	Power consumption	Peak wavelength/ correlated color temperature	Options	Recommended Control Units	Weight
LDM2-50RD2	Red	24 V / 3.6 W	630 nm	-	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">PD3</div> <div style="border: 1px solid black; padding: 2px;">CC-ST-1024</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">PSB</div> <div style="border: 1px solid black; padding: 2px;">PTU2*</div> </div> <p>*Can only use red.</p>	100 g
LDM2-50SW2* ¹	White	5,500 K				
LDM2-50BL2* ¹	Blue	470 nm				
LDM2-50GR2* ¹	Green	525 nm				
LDM2-90RD2	Red	24 V / 14 W	630 nm	-	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">PD3</div> <div style="border: 1px solid black; padding: 2px;">PTU2*</div> </div> <div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 2px;">PSB</div> <div style="border: 1px solid black; padding: 2px;">PTU2*</div> </div> <p>*Can only use red.</p>	500 g
LDM2-90SW2* ¹	White	5,500 K				
LDM2-90BL2* ¹	Blue	470 nm				
LDM2-90GR2* ¹	Green	525 nm				

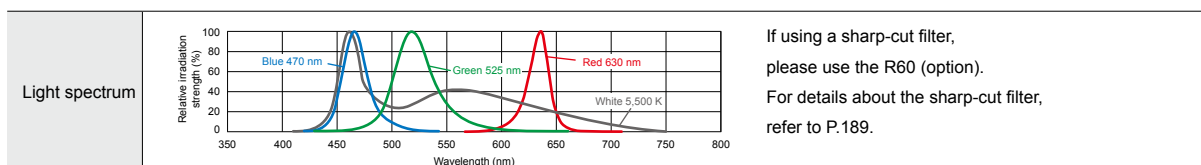
*1: Please inquire if you would like to use in combination with a Strobe Control Unit (overdrive specifications type).

Extension Cables ► P.196

Control Unit Selection Guide ► P.155

Control Unit Page ► P.159

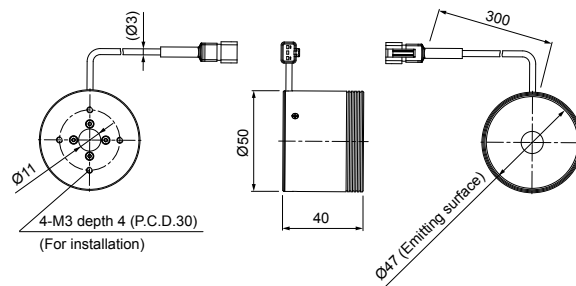
LED properties



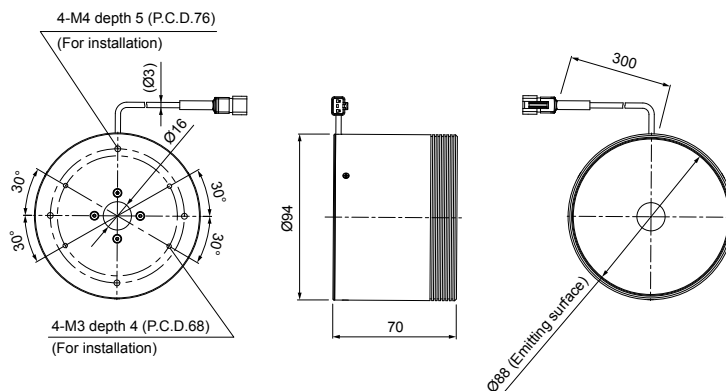
Be sure to read the "Instruction Guide" included with the product before use and observe cautionary information. The data included is for reference only and does not guarantee the quality of this product.

Dimensions (mm)

LDM2-50RD2/SW2/BL2/GR2



LDM2-90RD2/SW2/BL2/GR2



You can change the connectors of the Light Unit cable. Choose between M12 connectors and flying leads. Refer to P.115 for details.

You can inquire using
our website.

Requests for
Light Unit
Selection

Requests for
Demo
Products

Requests for
Estimates

Requests for
a Catalog

Product
Inquiries

Other
Inquiries

Inquire on our website here.
<http://www.ccs-grp.com/contact/>