

| Common Specifications | | | | | | | |
|------------------------------------|--|-------------------------------------|------------------------|-------------------------------------|--|--|--|
| LED color | Red (RD) | White (SW) | Blue (BL) | Green (GR) | | | |
| Input voltage | | 24 V | max. | | | | |
| Peak wavelength (typ.) | 635 nm | | 470 nm | 525 nm | | | |
| Relative color temperature (typ.) | _ | 6,600 K | _ | _ | | | |
| Cable length | | 0.3 | 3 m | | | | |
| Input connector | | SMR- | 03V-B | | | | |
| Polarity, signal | 1 | : Anode (+) brown, 2: I | NC, 3: Cathode (-) blu | ıe | | | |
| Case material | | Aluminu | ım alloy | | | | |
| Operating temperature and humidity | Temperature: | 0 to 40°C, Humidity: 2 | 20% to 85% (with no c | ondensation) | | | |
| Storage temperature and humidity | Temperature: - | 20 to 60°C, Humidity: | 20% to 85% (with no | condensation) | | | |
| Cooling method | | Natural a | ir cooling | | | | |
| Spectral distribution | Relative irradiation strength (%) 100 0 10 | Blue Green 480 530 580 Wavelength | | Use an R60-series sharp-cut filter. | | | |

Note: The values for irradiation strength and service life given in this catalog are for reference purposes. These values are not ensured.

Precautions

- •Carefully read the product's instruction manual before use to ensure correct operation.
- •Product specifications and design are subject to change without notice.
- •Examples of workpiece imaging in this catalog are a guide that may be informative for choosing Light Units. Please check the functions of the equipment and requirements before choosing a Light Unit.



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Descriptions in this catalog are based on information available as of October 2009. 02002-00-0910-LDL2





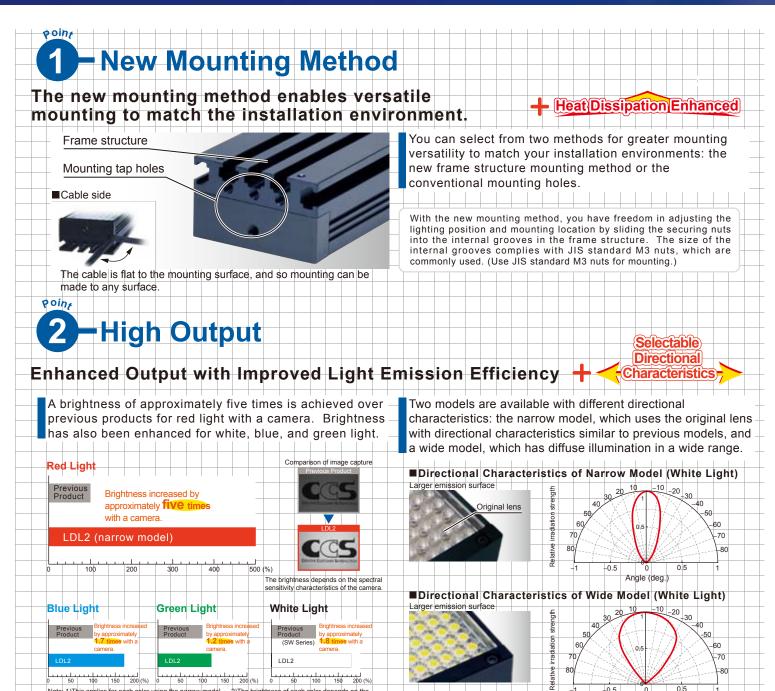


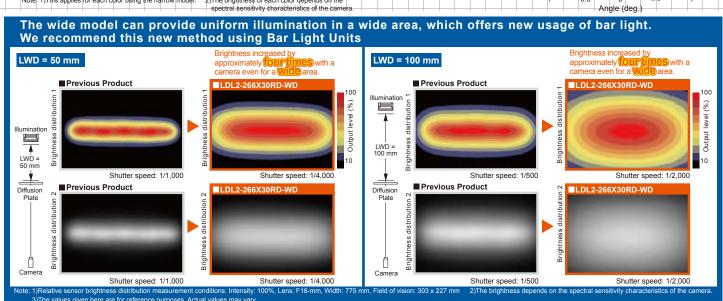
New Bar Light Units with Direct Illumination

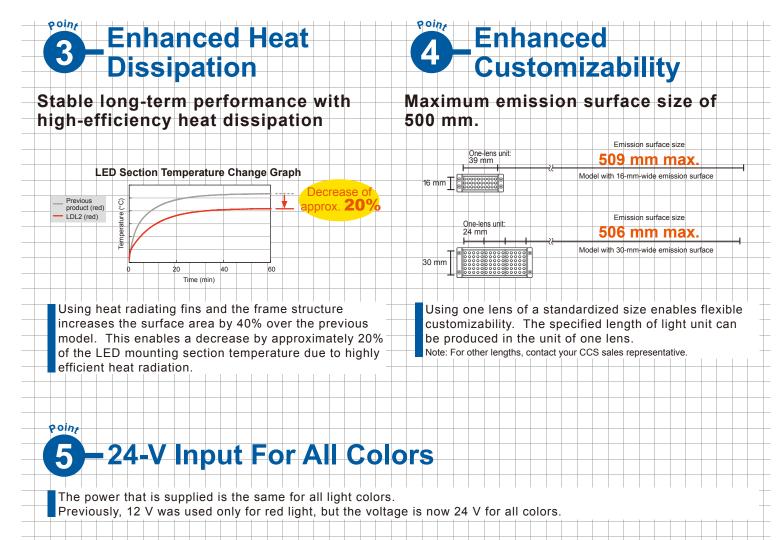
The New LDL2 Series

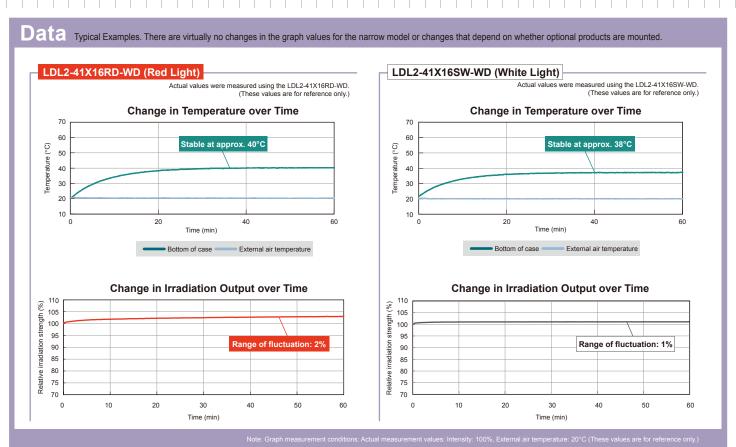
CCS Inc.

Full Model Change - Five New Points -









1

Options

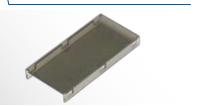
The Diffusion Plate and Polarizing Plate have been redesigned to use insertion fixing rather than the previous screw fixing method. Upgraded materials for the Diffusion Plate improve the rate of diffusion. Protective Plate is available protect the emission area of the Light Unit as well as bracketss for securing the Light Unit to enable flexible adjustment of the emission direction.



The irradiated light is diffused to limit workpiece glare and reflections.

DF-LDL2 Series Plate Plate PL-LDL2 Series Protective CV-LDL2 Series





The light is polarized. You can prevent light reflection by fixing a PL-series polarization filter to the lens.

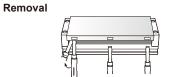


The plate protects the emission section of the Light Unit.

Note: The Protective Plate is not intended to provide protection against dust or water droplets.

Mounting

•Insert the tabs into the side grooves.



For details, refer to the

•Use a flat-blade screwdriver or other tool with a narrow point to catch the tabs and remove

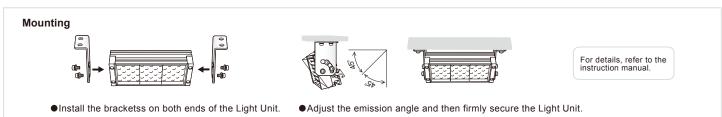
BK-LDL2 (for all models in Series)



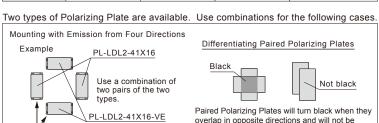
The polarization direction differs by 90°.

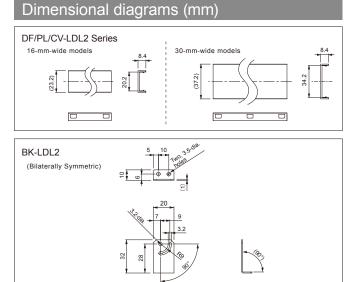
Fixing screws (M3): 8 + 1 (spare)

When you secure the light, the angle of the irradiation can be adjusted as desired. A variety of methods are available for securing the Light Units, such as parallel emission from two directions or enveloped emission from four directions.



| Specifications of Special Options | | | | | | | | | |
|---|-----------------|--------------------------|------------------|----------------------------|--|--|--|--|--|
| Name | Diffusion Plate | Polarizing Plate | Protective Plate | Light Fixing Brackets | | | | | |
| Model name | DF-LDL2-41X16 | PL-LDL2-41X16(-VE) | CV-LDL2-41X16 | BK-LDL2 | | | | | |
| (for both narrow model and wide model) | DF-LDL2-80X16 | PL-LDL2-80X16(-VE) CV-LD | CV-LDL2-80X16 | (for all models in Series) | | | | | |
| | DF-LDL2-119X16 | PL-LDL2-119X16(-VE) | CV-LDL2-119X16 | | | | | | |
| | DF-LDL2-74X30 | PL-LDL2-74X30(-VE) | CV-LDL2-74X30 | | | | | | |
| | DF-LDL2-146X30 | PL-LDL2-146X30(-VE) | CV-LDL2-146X30 | | | | | | |
| | DF-LDL2-218X30 | PL-LDL2-218X30(-VE) | CV-LDL2-218X30 | | | | | | |
| | DF-LDL2-266X30 | PL-LDL2-266X30(-VE) | CV-LDL2-266X30 | | | | | | |
| Heat resistance | 80°C | 60°C | 80°C | _ | | | | | |





Product Lineup

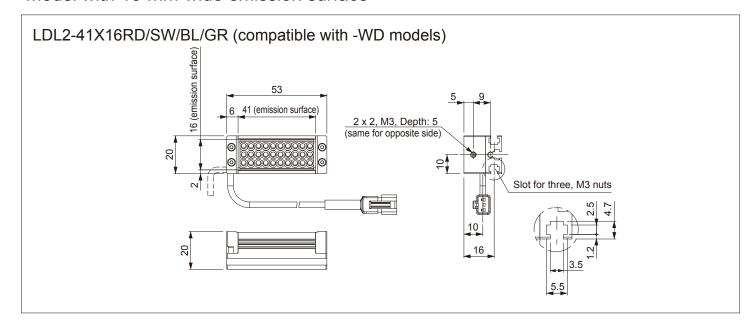
The standard lineup now includes models with a length of 200 mm or more as well as models with an emission surface of 30 mm. The lineup includes combination of over 50 models with light colors in red, white, blue, and green, various sizes, and narrow models or wide models.

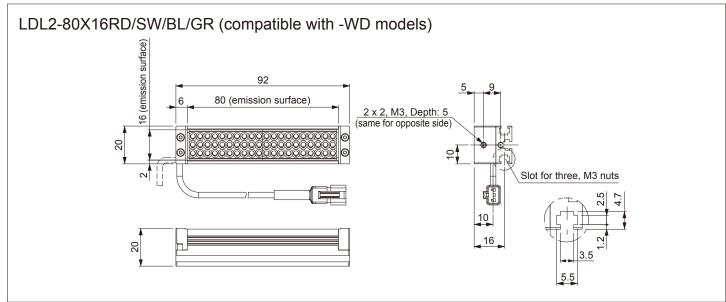
| | | Direct number | Model | LED color | Emission surface size | Input voltage | Power consumption | Weight | Supported | doptions |
|--------------------------|--------------|---------------|------------------------|-----------|-----------------------|---------------|-------------------|--------|-----------------------|---------------------------------------|
| | lapo | 1003702 | LDL2-41X16RD | Red | | | | | Diffusion Plate | DF-LDL2-41X16 |
| | Narrow model | 1003705 | LDL2-41X16SW | White | 44.40 | 04.14 | 4.0.14 | 50 m | Polarizing Plate | PL-LDL2-41X16 (PL-LDL2-41X16-VE) |
| | row | 1003704 | LDL2-41X16BL | Blue | 41x16 mm | 24 V | 1.9 W | 50 g | Protective Plate | CV-LDL2-41X16 |
| | Nar | 1003703 | LDL2-41X16GR | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | <u>a</u> | 1003706 | LDL2-41X16RD-WD | Red | | | | | Diffusion Plate | DF-LDL2-41X16 |
| | Wide model | 1003709 | LDL2-41X16SW-WD | White | | 24 V | 1.9 W | V 50 g | Polarizing Plate | PL-LDL2-41X16 (PL-LDL2-41X16-VE) |
| ace | de n | 1003708 | LDL2-41X16BL-WD | Blue | 41x16 mm | | | | Protective Plate | CV-LDL2-41X16 |
| surface | Š | 1003707 | LDL2-41X16GR-WD | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | <u>e</u> | 1003710 | LDL2-80X16RD | Red | | | | | Diffusion Plate | DF-LDL2-80X16 |
| ssic | Narrow model | 1003713 | LDL2-80X16SW | White | | | | | Polarizing Plate | PL-LDL2-80X16 |
| with 16-mm-wide emission | MO | 1003712 | LDL2-80X16BL | Blue | 80x16 mm | 24 V | 3.8 W | 75 g | Protective Plate | (PL-LDL2-80X16-VE) CV-LDL2-80X16 |
| g e | larr | 1003712 | LDL2-80X16GR | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| <u> </u> | | 1003711 | LDL2-80X16RD-WD | Red | | | | | Diffusion Plate | DF-LDL2-80X16 |
| Ш | model | 1003717 | LDL2-80X16SW-WD | White | | | | | Polarizing Plate | PL-LDL2-80X16 |
| <u>-</u> | e B | | | Blue | 80x16 mm | 24 V | 3.8 W | 75 g | Protective Plate | (PL-LDL2-80X16-VE) CV-LDL2-80X16 |
| th. | Wide | 1003716 | LDL2-80X16BL-WD | Green | | | | | Light Fixing Brackets | |
| | | 1003715 | LDL2-80X16GR-WD | | | | | | - | BK-LDL2 |
| Model | pool | 1003718 | LDL2-119X16RD | Red | | | | | Diffusion Plate | DF-LDL2-119X16 PL-LDL2-119X16 |
| Š | Narrow model | 1003721 | LDL2-119X16SW | White | 119x16 mm | 24 V | 5.7 W | 95 g | Polarizing Plate | (PL-LDL2-119X16-VE) |
| | arro | 1003720 | LDL2-119X16BL | Blue | | | | | Protective Plate | CV-LDL2-119X16 |
| | ž | 1003719 | LDL2-119X16GR | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | gel | 1003722 | LDL2-119X16RD-WD | Red | | 24 V | 5.7 W | 95 g | Diffusion Plate | DF-LDL2-119X16 PL-LDL2-119X16 |
| | E G | 1003725 | LDL2-119X16SW-WD | White | 119x16 mm | | | | Polarizing Plate | (PL-LDL2-119X16-VE) |
| | Wide model | 1003724 | LDL2-119X16BL-WD | Blue | | | | | Protective Plate | CV-LDL2-119X16 |
| | | 1003723 | LDL2-119X16GR-WD | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | ode | 1003726 | 1003726 LDL2-74X30RD R | Red | 74x30 mm | 24 V | 5.7 W | 100 g | Diffusion Plate | DF-LDL2-74X30 |
| | Narrow model | 1003729 | LDL2-74X30SW | White | | | | | Polarizing Plate | PL-LDL2-74X30 (PL-LDL2-74X30-VE) |
| | | 1003728 | LDL2-74X30BL | Blue | 7 1200 11111 | | | | Protective Plate | CV-LDL2-74X30 |
| | | 1003727 | LDL2-74X30GR | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | <u>e</u> | 1003730 | LDL2-74X30RD-WD | Red | | 24 V | 5.7 W | 100 g | Diffusion Plate | DF-LDL2-74X30 |
| | JOE I | 1003733 | LDL2-74X30SW-WD | White | 74x30 mm | | | | Polarizing Plate | PL-LDL2-74X30 (PL-LDL2-74X30-VE) |
| | Wide model | 1003732 | LDL2-74X30BL-WD | Blue | 74830 111111 | | | | Protective Plate | CV-LDL2-74X30 |
| | ⋛ | 1003731 | LDL2-74X30GR-WD | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | del | 1003734 | LDL2-146X30RD | Red | | 24 V | 12 W | 170 g | Diffusion Plate | DF-LDL2-146X30 |
| | m 0 m | 1003737 | LDL2-146X30SW | White | 440.00 | | | | Polarizing Plate | PL-LDL2-146X30 (PL-LDL2-146X30-VE) |
| rface | arrow model | 1003736 | LDL2-146X30BL | Blue | 146x30 mm | | | | Protective Plate | CV-LDL2-146X30 |
| surf | Nar | 1003735 | LDL2-146X30GR | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | | 1003738 | LDL2-146X30RD-WD | Red | | | | | Diffusion Plate | DF-LDL2-146X30 |
| SSIC | Wide model | 1003741 | LDL2-146X30SW-WD | White | | | | | Polarizing Plate | PL-LDL2-146X30 (PL-LDL2-146X30-VE) |
| E | Je n | 1003740 | LDL2-146X30BL-WD | Blue | 146x30 mm | 24 V | 12 W | 170 g | Protective Plate | CV-LDL2-146X30 |
| g e | × | 1003739 | LDL2-146X30GR-WD | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| Š | <u>e</u> | 1003742 | LDL2-218X30RD | Red | | | | | Diffusion Plate | DF-LDL2-218X30 |
| E | moc | 1003745 | LDL2-218X30SW | White | | | | | Polarizing Plate | PL-LDL2-218X30 (PL-LDL2-218X30-VE) |
| 30- | OW I | 1003744 | LDL2-218X30BL | Blue | 218x30 mm | 24 V | 18 W | 240 g | Protective Plate | CV-LDL2-218X30-VE) |
| with 30-mm-wide emission | Narrow model | 1003743 | LDL2-218X30GR | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| <u>></u> | | 1003746 | LDL2-218X30RD-WD | Red | | | | | Diffusion Plate | DF-LDL2-218X30 |
| Model | ode | 1003749 | LDL2-218X30SW-WD | White | | | | | Polarizing Plate | PL-LDL2-218X30 (PL-LDL2-218X30-VE) |
| Σ | Wide model | 1003748 | LDL2-218X30BL-WD | Blue | 218x30 mm | 24 V | 18 W | 240 g | Protective Plate | (PL-LDL2-218X30-VE) CV-LDL2-218X30 |
| | Wid | 1003747 | LDL2-218X30GR-WD | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | | 1003747 | LDL2-266X30RD | Red | | | | | Diffusion Plate | DF-LDL2-266X30 |
| | nod | | | | | | | | Polarizing Plate | PL-LDL2-266X30 (PL-LDL2-266X30-VE) |
| | N I | 1003753 | LDL2-266X30SW | White | 266x30 mm | 24 V | 21 W | 280 g | | |
| | Narrow model | 1003752 | LDL2-266X30BL | Blue | | | | | Protective Plate | CV-LDL2-266X30 |
| | | 1003751 | LDL2-266X30GR | Green | | | | | Light Fixing Brackets | BK-LDL2 |
| | odel | 1003754 | LDL2-266X30RD-WD | Red | | | | | Diffusion Plate | DF-LDL2-266X30 |
| | Wide model | 1003757 | LDL2-266X30SW-WD | White | 266x30 mm | 24 V | 21 W | 280 g | Polarizing Plate | PL-LDL2-266X30 (PL-LDL2-266X30-VE) |
| | Vide | 1003756 | LDL2-266X30BL-WD | Blue | | | | | Protective Plate | CV-LDL2-266X30 |
| | 3 | 1003755 | LDL2-266X30GR-WD | Green | | | | | Light fixing Brackets | BK-LDL2 |

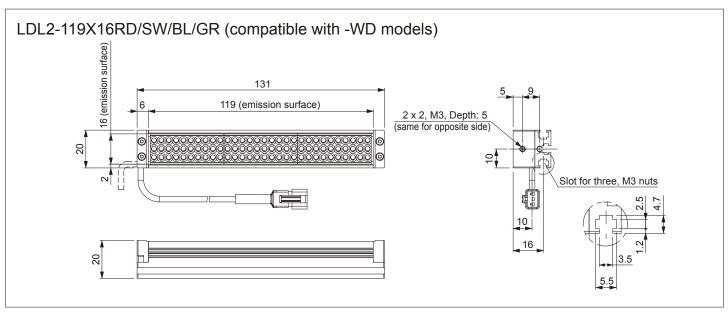
(3)

Dimensional diagrams (mm)

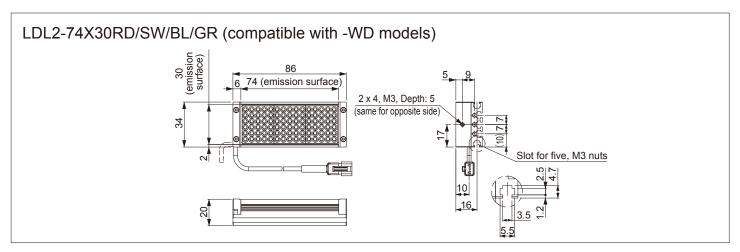
Model with 16-mm-wide emission surface

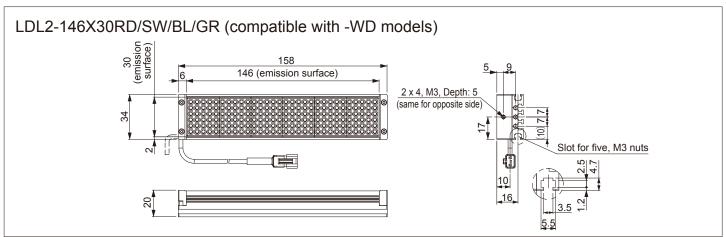


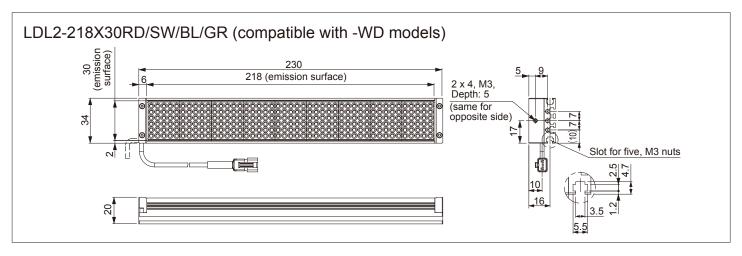


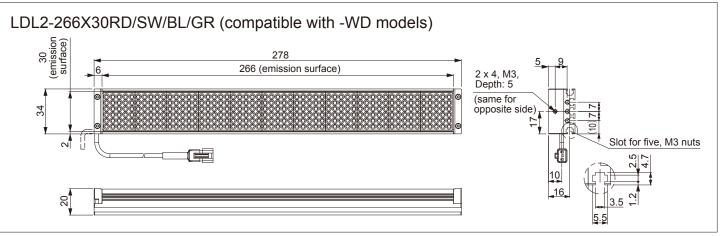


Model with 30-mm-wide emission surface









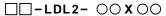
Direct Lighting Operation guide for Optional products

Thank you for purchasing a CCS product. To ensure proper use of the product, please read this instruction guide before use and keep it for your future reference



These Optional Products are designed for use with the LDL2 Series. Do not install these Optional Products on lights from any other series. Conform applicable models and use the LED Light correctly.

1. Product from the Model Number



Model number of the applicable model

Note: For Light Fixing Brackets (BK), there is one common product only and it's model number is "BK-LDL2" DF:Diffusion Plate PL:Polarizing Plate CV:Protective Plate **BK:Light Fixing Brackets** (Common for all LDL2 series.)

Two or more options of diffusion plates, polarizing plates, and protective plates cannot be used for a light

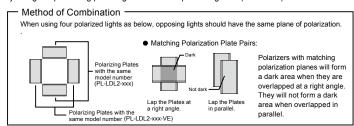
2.Summary

Diffusion Plate DF-LDL2 Series

Diffuses direct light. This enables uniform lighting of workpieces.

Polarizing Plate PL-LDL2 Series

Light is directly polarized by transmission through the polarizing plate. Prevent light reflection by using the polarizing plate together with the polarizing filter (PL Series) mounted to the lens.



Protective Plate CV-LDL2 Series

Protects the light-emitting part of the Light.

lote: It is not available to use this product for protection use from any damages caused by dust, water and etc

Light Fixing Brackets BK-LDL2 (Common for all LDL2 series.)

The Fixing Brackets with the adjustable setting of the irradiation angle.

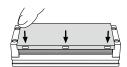
3. Attachment Procedure

Diffusion Plate, Polarizing Plate, and Protective Plate

Hook the tabs on the side of plate in to the slot

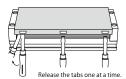


2 Press down the edge of the opposite side.



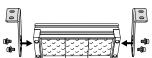
How to Remove

1 Using an appropriate tool, such as a flat-blade screwdriver, to remove the tabs by lifting up the plate.

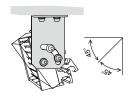


Light Fixing Brackets

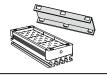
1 Screw the Fixing Brackets on the both sides of the Light as temporary



Adjust the lighting angle.

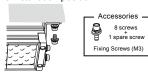


2 Then Plate can be removed after all tabs on the one side are free.

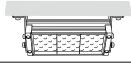


Be careful not to damage the tabs or other parts when removing the Plate.

Temporarily secure the Brackets on the installation position.



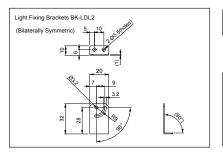
4 Tighten all screws to fix the angle and the Light Fixing Brackets.



Be sure to mount the Fixing Brackets to the tap holes on both sides.

$oldsymbol{4}$, Specifications and Dimensions (mm)

| Product name | Diffusion Plate | Polarizing Plate | Protective Plate | Light Fixing Brackets |
|--|---|---|--|---|
| Model (Same for Narrow and Wide Models.) | DF-LDL2-41X16 DF-LDL2-74X30 DF-LDL2-80X16 DF-LDL2-146X30 DF-LDL2-119X16 DF-LDL2-218X30 DF-LDL2-266X30 | PL-LDL2-41X16 (-VE) PL-LDL2-74X30 (-VE) PL-LDL2-80X16 (-VE) PL-LDL2-146X30 (-VE) PL-LDL2-119X16 (-VE) PL-LDL2-218X30 (-VE) PL-LDL2-266X30 (-VE) | CV-LDL2-41X16 CV-LDL2-74X30 CV-LDL2-80X16 CV-LDL2-146X30 CV-LDL2-119X16 CV-LDL2-218X30 CV-LDL2-266X30 | BK-LDL2 (Common for all LDL2 series.) |
| Allowable temperature limit | 80°C | 60°C | 80°C | |



Refer to the dimensions of the Light for the dimensions of the Diffusion Plate, Polarizing Plate, and Protective Plate.

Polarizing plates are wear and tear items. Replace them periodically. If the polarizing plates are discolored or deformed upon inspection, replace them with brand new polarizing plates. It is recommended that you keep some extra polarizing plates.

5, EU RoHS Directive

The RoHS Directive is short for the "restriction of use of certain hazardous substances in electrical and electronic equipment." As a directive, it restricts the use of specific hazardous substances for new electrical and electronic equipment marketed in the EU on or after July 1, 2006, and restricts the use of six substances, which are (1) lead, (2) mercury, (3) cadmium, (4) hexavalent chromium, (5) polybrominated biphenyl (PBB), and (6) polybrominated diphenyl ether (PBDE).

"Standards for "RoHS Directive-Compliant Products"

| Lead | Mercury | Cadmium | Hexavalent chromium | PBB | PBDE | |
|-------------|-------------------------|---------|---------------------|-------------|-------------|--|
| 1000ppm Min | 1000ppm Min 1000ppm Min | | 1000ppm Min | 1000ppm Min | 1000ppm Min | |

(Items that are exempted in the RoHS Directive are excluded from these standards.)

O, China RoHS Directive

China RoHS Directive is formally known as "Management Methods for Controlling Pollution by Electronic Information Products", which was implemented on March 1, 2007 in China. Same as EU RoHS Directive, this regulation restricts the usage of six substances such as lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), and polybrominated diphenyl ether (PBDE). This regulation requires electronic information products which are manufactured or imported, and sold in China, to clearly disclose contents of the 6 restricted substances listed below

Name and amount of toxic and hazardous substances or elements, which products contain

| Usage Deadline | | | Toxic or Hazardous Substances and Elements | | | | | | |
|---------------------------------|-------------------|--------------|--|-----------------|---------------------------------|-----|------|--|--|
| for Environmental Protection | Product name | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr(VI)) | PBB | PBDE | | |
| 10 | Optional products | × | 0 | × | 0 | 0 | 0 | | |

indicates that this toxic or hazardous substances contained in all the homogeneous materials for this part, according to SJ/T11363-2006 is within the limit indicates that this toxic or hazardous substance contained in all the homogeneous materials for this part, according to SJ/T11363-2006, is over the limit relead and cadmium are excluded in EU RoHS.

产品中有毒有害物质或元素的名称及含量

| 环保使用期限 | 产品 | | 有毒有害物质或元素 | | | | | |
|-------------|------|-------|-----------|--------|---------------|------------|--------------|--|
| 4年1年1史月1月1日 | | 铅(Pb) | 汞 (Hg) | 镉 (Cd) | 六价铬 (Cr (VI)) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) | |
| (1) | 任选付件 | × | 0 | × | 0 | 0 | 0 | |
| | | | | | | | | |

採使用期限 此标志的数字是根据中华人民共和国电子信息产品污染控制管理办法以及有关标准等。表示该产品的环保使用期限的年数 遵守产品的安全和使用上的注意。在产品使用后采取通当的方法根据各地法律。规定,回收再利用或进行度弃处理。

Warranty Information

EXCEPT FOR THE EXPRESS WARRANTIES STATED IN THIS AGREEMENT, COMPANY MAKES NO ADDITIONANAL WARRANTIES, EXPRESS, IMPLIED, OR STATUTORY, AS TO ANY MATTER WHATSOEVER. IN PARTICULAR, ANY AN ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. EXCEPT AS EXPRESSLY SET FORTH HEREIN, COMPANY MAKES NO WARRANTIES WITH RESPECT TO THE PRODUCTS.

WARRANTY PERIOD: SIX MONTHS, STARTING FROM CCS Inc. SHIPPING DATE.

CS Inc. WILL REPAIR OR REPLACE THE PRODUCT FREE OF CHARGE IF IT SHOULD FAIL TO FUNCTION OR IF THE RADIANT UNNITITY OF THE PRODUCT SHOULD DROP TO 50% OR LESS OF ITS INITIAL RADIANT QUANTITY WITHIN THE SPECIFIED ARRANTY FERIOL. IF EITHER OF THESE CONDITIONS OCCURS, PLEASE TAKE THE PRODUCT TO YOUR CCS SALES

WARRANTY TERMS

- REPAIR OR REPLACE THE PRODUCT FREE OF CHARGE IF IT SHOULD FAIL TO FUNCTION UNDER USE ON D CONDITION IN ACCORDANCE WITH THE INSTRUCTION GUIDE AND OTHER WRITTEN CAUTIONS DURING THE RRRANTY PERIOD OF TWO YEARS.
- CCS Inc. WILL REPAIR OR REPLACE THE PRODUCT FREE OF CHARGE IF ITS RADIANT QUANTITY SHOULD DROP TO 50% OR LESS OF ITS INITIAL RADIANT QUANTITY UNDER USE ON DUS SPECIFIED CONDITION IN ACCORDANCE WITH THE INSTRUCTION QUIDE AND OTHER WRITTEN CAUTIONS DURING THE INDICATED WARRANTY PERIOD OF OVEY EAR.
- 3 CCS Inc. WILL CHARGE A REPAIR FEE UNDER THE FOLLOWING CONDITIONS:

 1) IF THE PRODUCT HAS BEEN SUBJECTED TO MISUSE, UNAUTHORIZED REPAIRS, OR MODIFICATION FROM ITS ORIGINAL DESIGN.

 2) IF THE PRODUCT HAS BEEN DAMAGED FROM IMPACTS DUE TO INAPPROPRIATE HANDLING.

 3) IF DAMAGE TO THE PRODUCT RESULTS FROM EXTERNAL CAUSES INCLUDING ACCIDENTS, FIRE, POLLUTION, RIOTS,
 COMMUNICATION FALURES, EARTHOUNKES, THUNDERSTORMS, WIND AND FLOOD DAMAGE, OR ANY OTHER ACT OF
 PROVIDENCE, OR FROM ANY EXTRAORDINARY CONDITIONS SUCH AS ELECTRICAL SURGES, WATER LEAKAGE, CONDENSATION,
 OR THE USE OF CHEMICALS.
 - IF THE DAMAGE RESULTS FROM CONNECTION TO ANY POWER SUPPLY OR TO ANY EQUIPMENT WHICH CCS Inc. DOES NOT MANUFACTURE OR DOES NOT SPECIFY FOR USE.
- 4 CCS ASSUMES NO LIABILITY FOR ANY PURCHASER'S SECONDARY DAMAGE (DAMAGE OF EQUIPMENT, LOSS OF OPPORTUNITIES, LOSS OF PROFITS, ETC.) OR ANY OTHER DAMAGE RESULTING FROM A FAILURE OF OUR PRODUCT.

THIS WARRANTY INFORMATION PROVIDES THE SCOPE OF CCS'S PRODUCT WARRANTY WITHIN THE SPECIFIED PERIOD, AND DOES NOT INDICATE OR IMPLY ANY FURTHER GUARANTEE BEYOND THE WARRANTY TERMS.

CONTACT CCS FOR INQUIRIES OR INFORMATION ON REPAIRS TO THE PRODUCT AFTER THE EXPIRATION OF THE WARRANTY

NOTE: THE RADIANT QUANTITY REFERS TO THE WATTAGE OF PHYSICAL ENERGY RADIATED FROM A LED. IT REFERS TO THE RADIATION ILUMINOSITY OF THE LED MEASURED UNDER CONDITIONS SPECIFIED BY CGS OR THE RADIATION LILUMINATION OF THE LED UNDER SPECIFIED IRRADIATION CONDITIONS. CGS SPECIFIES THE RADIANT QUANTITY FOR EACH LED LIGHT BECAUSE THE MEASUREMENT AND IRRADIATION CONDITIONS VARY FROM THE FORM, THE APPLICATION AND THE IRRADIATION WAVELENGTH.

Please contact CCS for product information, and further information.

The Instruction Guide is available from CCS's website as well. http://www.ccs-inc.co.jp



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