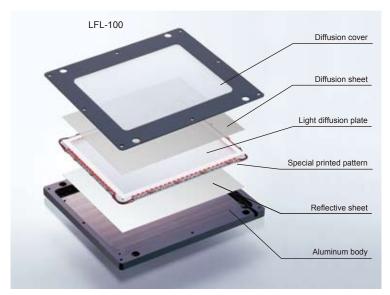
Vision Light Tech B.V.

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Flat Lights with Unique **Light-guiding Technology**

The use of a unique CCS light-guiding method realized to irradiate uniform diffused light.



Allocated LEDs are fixed around the periphery of the Diffusion Plate with a transparent fixing material. This unique structure makes more complex to reflect and scatter the light from LEDs and it makes possible to irradiate uniform diffused light from flat light emitting surface.

Lightweight, Thin Design with **Low Power Consumption**

With a thin design allows installing this light in any place.





Inspecting the level of a liquid in



Varied Selection

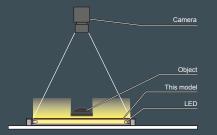
A wide variety of sizes and colors are available to use for various applications. Models with a mounting panel (P) for installing lights are also available.





Illumination Structure of LFL-100

Light from the LEDs that are arranged around the periphery of the light diffusion plate passes through the plate to produce uniform illumination.



Examples of Flat-light images

Inspecting printing on tape cassettes

Image as seen with the human eye in normal light.



The entire object is evenly illuminated without shadows; however, internal parts are also being imaged and it makes inspection difficult.

Light used: FPR-136



The entire object is evenly illuminated and the printed surface stands out clearly.

Light used: LFL-100



Product Lineup Table

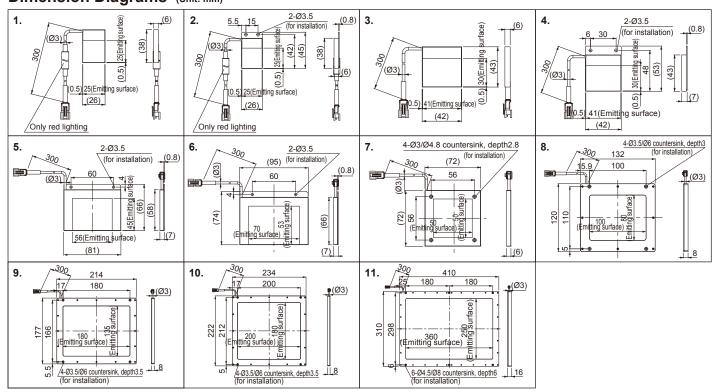
| Series | Direct Number | Model Name | Color | Power Consumption | Option | Dimension |
|--------|---------------|---------------|-------|--|--------|-----------|
| | 1005528 | LFL-612RD2 | • | 24V / 0.6W | _ | 1 |
| | 1004230 | LFL-612SW2 | 0 | 24V / 0.4W | | |
| | 1006130 | LFL-612BL2 | | | | |
| | 1001676 | LFL-612-BL | TBD | | | |
| | 1006552 | LFL-612GR2 | | | | |
| | 1001679 | LFL-612-GR | T®D | | | |
| | 1005529 | LFL-612RD2-P | • | 24V / 0.6W | _ | 2 |
| | 1004231 | LFL-612SW2-P | 0 | 24V / 0.4W | | |
| | 1006129 | LFL-612BL2-P | | | | |
| | 1001677 | LFL-612-BL-P | T®D | | | |
| | 1006595 | LFL-612GR2-P | • | | | |
| | 1001680 | LFL-612-GR-P | T®D | | | |
| | 1005520 | LFL-1012RD2 | • | 24V / 0.6W | | |
| | 1004225 | LFL-1012SW2 | 0 | | _ | 3 |
| LFL | 1006126 | LFL-1012BL2 | | 1 | | |
| | 1001570 | LFL-1012-BL | TBD | 24V / 0.8W | | |
| | _ | LFL-1012GR2 | • | | | |
| | 1001573 | LFL-1012-GR | T®D | | | |
| | 1005521 | LFL-1012RD2-P | • | 24V / 0.6W | _ | 4 |
| | 1004293 | LFL-1012SW2-P | 0 | 24V / 0.8W | | |
| | 1006127 | LFL-1012BL2-P | | | | |
| | 1001571 | LFL-1012-BL-P | TBD | | | |
| | 1006721 | LFL-1012GR2-P | • | | | |
| | 1001574 | LFL-1012-GR-P | T®D | | | |
| | 1005524 | LFL-3212RD2 | • | 24V / 1.6W | | |
| | 1004232 | LFL-3212SW2 | 0 | 24V / 2.3W 24V / 2.4W 24V / 2.3W | _ | 5 |
| | _ | LFL-3212BL2 | | | | |
| | 1001634 | LFL-3212-BL | TBD | | | |
| | _ | LFL-3212GR2 | | | | |
| | 1001635 | LFL-3212-GR | T®D | 24V / 2.4W | | |
| | 1005526 | LFL-4012RD2 | • | 24V / 2.1W | | 6 |
| | 1004228 | LFL-4012SW2 | 0 | 24V / 2.7W | _ | |
| | _ | LFL-4012BL2 | | 24V / 2./ VV | | |
| | 1001642 | LFL-4012-BL | TBD | 24V / 2.9W 24V / 2.7W 24V / 2.9W | | |
| | | LFL-4012GR2 | | | | |
| | 1001643 | LFL-4012-GR | T®D | | | |

| Series | Direct Number | Model Name | Color | Power Consumption | Option | Dimension |
|--------|---------------|------------|---------|------------------------|--------|-----------|
| | 1005527 | LFL-50RD2 | • | 24V / 2.1W | | 7 |
| | 1004229 | LFL-50SW2 | 0 | 24V / 3.1W | | |
| | 1006128 | LFL-50BL2 | | 24V / 3.0W | | |
| | 1001654 | LFL-50-BL | TBD | 24V / 3.3W | | |
| | _ | LFL-50GR2 | | 24V / 3.0W | | |
| | 1001655 | LFL-50-GR | T®D | 24V / 3.3W | | |
| | 1005519 | LFL-100RD2 | • | 24V / 5.1W | - L | 8 |
| | 1004226 | LFL-100SW2 | 0 | 24V / 5.3W | | |
| | 1006131 | LFL-100BL2 | | | | |
| | 1001558 | LFL-100-BL | TBD | 24V / 5.7W | | |
| | 1006134 | LFL-100GR2 | | 24V / 5.3W | | |
| | 1001559 | LFL-100-GR | T®D | 24V / 5.7W | | |
| | 1005522 | LFL-180RD2 | • | 24V / 7.1W | - L | 9 |
| LFL | 1004223 | LFL-180SW2 | 0 | 24V / 9.1W | | |
| LIL | _ | LFL-180BL2 | | | | |
| | 1001598 | LFL-180-BL | TBD | 24V / 9.8W | | |
| | _ | LFL-180GR2 | | 24V / 9.1W | | |
| | 1001599 | LFL-180-GR | T®D | 24V / 9.8W | | |
| | 1005523 | LFL-200RD2 | | - 24V / 12W | L | 10 |
| | 1004224 | LFL-200SW2 | \circ | | | |
| | 1006132 | LFL-200BL2 | | | | |
| | 1001607 | LFL-200-BL | TIBD | | | |
| | _ | LFL-200GR2 | | | | |
| | 1003050 | LFL-200-GR | TBD | | | |
| | 1005525 | LFL-360RD2 | • | 24V / 30W | | 11 |
| | 1004227 | LFL-360SW2 | 0 | 24V / 37W | | |
| | 1006133 | LFL-360BL2 | | 24V / 38W 24V / 40W | _ | |
| | 1003567 | LFL-360-BL | TBD | | | |

Products with the "TBD" mark are scheduled to be discontinued.

Refer to the discontinued product information on the CCS website for specific discontinuation schedules.

Dimension Diagrams (Unit: mm)



^{*}The following letters indicate options.

L: Light Control Film

^{*}For further details on these options, refer to page 104.