| STRAIGHTNESS & FLATNESS TOLERANCE | CLASS | NOMINAL LENGTH | | | | | |
|---|---|---|---|---|---|---|---|
| | | L ≤ 10 | 10 < L ≤ 30 | 30 < L ≤ 100 | 100 < L ≤ 300 | 300 < L ≤ 1000 | 1000 < L ≤ 3000 |
| | H | ±0.02 | ±0.05 | ±0.1 | ±0.2 | ±0.3 | ±0.4 |
| | K | ±0.05 | ±0.1 | ±0.2 | ±0.4 | ±0.6 | ±0.8 |

| PERPENDICULARITY TOLERANCE | CLASS | NOMINAL LENGTH ON SHORTER SIDE | | | |
|---|---|---|---|---|---|
| | | L ≤ 100 | 100 < L ≤ 300 | 300 < L ≤ 1000 | 1000 < L ≤ 3000 |
| | H | ±0.2 | ±0.3 | ±0.4 | ±0.5 |
| | K | ±0.4 | ±0.6 | ±0.8 | ±1.0 |

| ANGLE TOLERANCE | CLASS | LENGTH OF SHORTER SIDE OF ANGLE | | | | |
|---|---|---|---|---|---|---|
| | | L ≤ 10 | 10 < L ≤ 50 | 50 < L ≤ 120 | 120 < L ≤ 400 | 400 < L |
| | f | ±1° | ±30' (±0.5°) | ±20' (±0.333°) | ±10' (±0.166°) | ±5' (±0.083°) |
| | m | | | | | |

| STANDARD DIMENSION RANGE | CLASS | L < 0.2 | 0.2 ≤ L ≤ 0.5 | 0.5 < L ≤ 3 | 3 < L ≤ 6 | 6 < L |
|---|---|---|---|---|---|---|
| | f | IN DRW. | ±0.1 | ±0.2 | ±0.5 | ±1.0 |
| | m | | | | | |

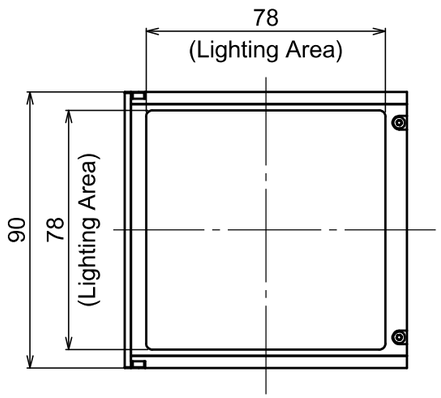
| CHAMFER TOLERANCE | CLASS | STANDARD DIMENSION RANGE | | | | | |
|---|---|---|---|---|---|---|---|
| | | L < 0.2 | 0.2 ≤ L ≤ 6 | 6 < L ≤ 30 | 30 < L ≤ 120 | 120 < L ≤ 400 | 400 < L ≤ 1000 |
| | f | IN DRW. | ±0.05 | ±0.1 | ±0.15 | ±0.2 | ±0.3 |
| | m | | ±0.1 | ±0.2 | ±0.3 | ±0.5 | ±0.8 |

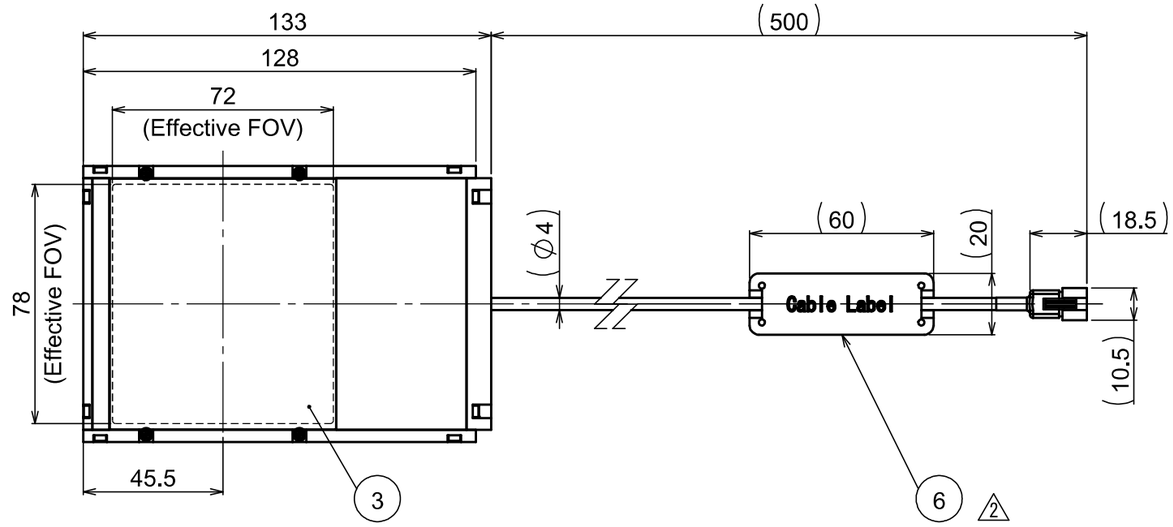
ORIGINAL SHEET FORMAT SIZE : A3

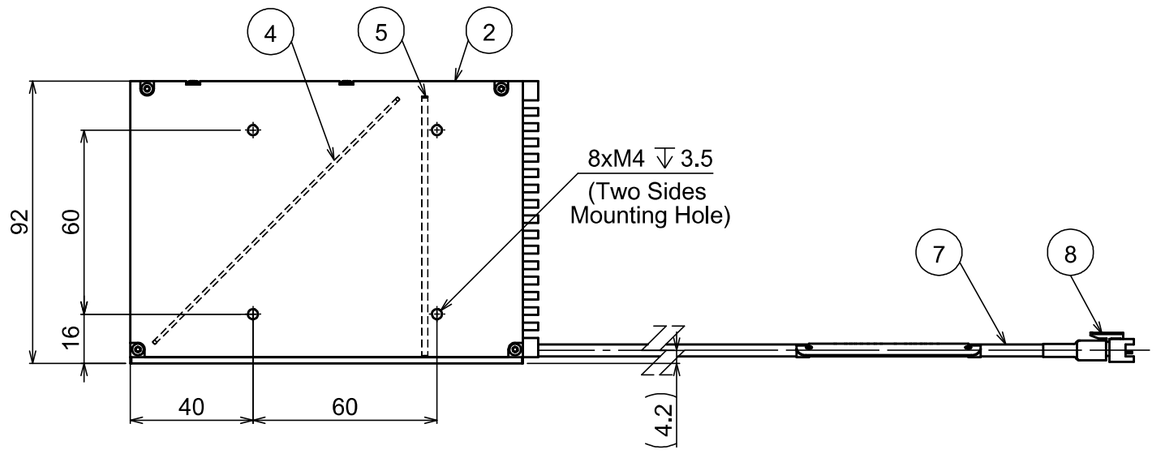
| Absolute Max. Rating / 最大定格 | DC24V |
|---|---|
| Total Power / 消費電力合計 | 16W △1 |
| Mass / 質量 | - |

CN1

| CN1 | Assign / 信号 |
|---|---|
| 1 | +V |
| 2 | NC |
| 3 | -V |




| NO. | PART DESCRIPTION | MODEL NUMBER | QU. | NOTE |
|---|---|---|---|---|
| 8 | CONNECTOR | SMR-03V-B | 1 | JST / Paired Connector:SMP-03V-BC |
| 7 | CABLE | NASEU-23-2 | 1 | |
| 6 | CABLE LABEL △2 | | 1 | |
| 5 | DIFFUSER PLATE | | 1 | |
| 4 | HALF MIRROR | | 1 | |
| 3 | WINDOW GLASS | | 1 | |
| 2 | HOUSING | | 1 | Aluminium Alloy / Glass Bead Blasted Black Anodizing △2 |
| 1 | LED(WHITE) | | - | |

| MARK | COM-REV | DATE(YMD) | CHANGE | SIGNATURE |
|---|---|---|---|---|
| △x | | | | |
| △x | | | | |
| △2 x 3 | A-003 | 2024.Feb.07 | Change Logo , etc | Okazaki |
| △1 x 1 | A-002 | 2024.Aug.21 | 修改功率 | Yong |
| △ | A-001 | 2024.May.15 | NEW | - |

| DESIGNED | DRAWN | CHECKED | APPROVED |
|---|---|---|---|
| Xianghuiliu | Xianghuiliu | モリテックス '25.02.10 秋元 | モリテックス '25.02.12 達 |

| FINISH | - |
|---|---|
| SURFACE | - |
| MATERIAL | - |
| CHAMFER | - |
| TOLERANCE CLASS | - |
| SCALE | 1:2 |

UNIT:mm

MORITEX
A Cognex Company

MODEL NAME: CV-CXL-133X90X92W

PART NAME: OUTLINE DRAWING

DRAWING NO.: A24961A0100101A-003

SHEET: 1/1

OLD DRAWING NO.