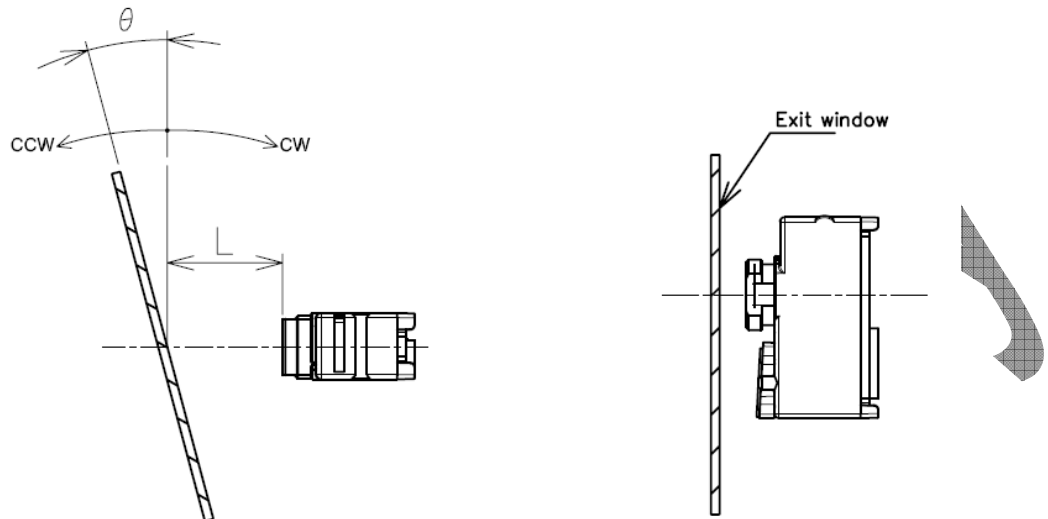


7-3. Recommending installation condition of exit window

The material of exit window is recommended to be transparent colorless PMMA plate with its thickness is less than 1.0mm. The plate is recommended with optical flatness and with optical anti-reflective coating on both surfaces. To remove the reflected LED illumination rays from the exit window, the following condition should be satisfied.



L(mm)	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0	9.0	≥10
θ_{cw} (deg)	0.0	0.0	0.0	≥15 ≤25	≥15 ≤30	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35
θ_{ccw} (deg)	0.0	0.0	0.0	≥15 ≤25	≥15 ≤30	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35	≥15 ≤35

<Test condition>

Exit window: 1.0mm thickness PMMA plate without anti-reflect coat

Ambient light: 300lux, neutral white fluorescent lamp, no other light source and no other reflective object in the test environment

Recommending conditions: L<1.0mm, $\theta=0.0$ deg.