

DATASHEET – P3030



An extrusion profile with multiple connection options. Right angle connections and inline joiner pieces allow for seamless connections of extrusion pieces. The curved lens is one of our original aluminum extrusions and has been very popular since we first started manufacturing them. Interior dimensions allow for FlexLED strips up to 20MM in width. Made from high quality aviation 6063-T5 aluminum alloy with double-anodized. Covers are made from polycarbonate (PC) or polymethyl methacrylate (PMMA) and are certified for excellent resistance to all weather conditions, UV radiation, as well as being non-combustible. Polypropylene end caps and mounting brackets (finished in zinc or chrome or black).. Custom finishes and colours for the channel base, cover, end caps, and clips are available.

SPECIFICATIONS

Product Type	P3030 Milky PC Cover	P3030 PMMA Milky Cover	P3030 Clear PC Cover
Product Code	P3030M	P3030P	P3030C
Channel Base Material	6063-T5 Aluminum	6063-T5 Aluminum	6063-T5 Aluminum
Channel Cover Material	Polycarbonate (PC)	Polymethyl methacrylate (PMMA)	Polycarbonate (PC)
End Cap Material	Polypropylene (PP)	Polypropylene (PP)	Polypropylene (PP)
Mounting Bracket Material	Polypropylene (PP)	Polypropylene (PP)	Polypropylene (PP)
Operating Temperature	-30°C ~ 100°C	-30°C ~ 100°C	-30°C ~ 100°C
Flammability	V2 Fire Rating for PC Cover	V2 Fire Rating for PMMA Cover	V2 Fire Rating for PC Cover
UV Stability	Aging Resistance 3+ Years	Aging Resistance 3+ Years	Aging Resistance 3+ Years
UL94 Rating	UL94V2	UL94V2	UL94V2
Manufacturing Tolerances (MM)	±0.5	±0.5	±0.5
Lighting Transmittance	78%	70%	94%
Wattage Dissipation	34W/meter	34W/meter	34W/meter
Interior Channel Width (MM)	20.55	20.55	20.55

HANDLING INSTRUCTIONS & NOTES

- Extrusions can be customized and cut-to-length
- When installing LED into extrusions observe proper anti-static handling at all times
- Installation surfaces should be smooth, clean, and dry
- FlexLED tape cannot be affixed to sharp objects
- Do not crush or bend FlexLED tape
- FlexLED tape can only be cut on cut lines
- For any questions or concerns please consult our website or contact us directly

Moss LED Inc. reserves the right to change details of the product without notice.

ALUMINUM EXTRUSION SKU BUILDER

ALM	P3030	M	2.44M	S
1	2	3	4	5
Series	Extrusion Type	Lens Type	Length	Mounting Style

1 Series

ALM

2 Extrusion Type

P3030

4 Length

1M	1 Meter
2M	2 Meter
2.44M	2.44 Meter
3M	3 Meter
XX	Custom 0.1 -> 3.0

3 Cover Style

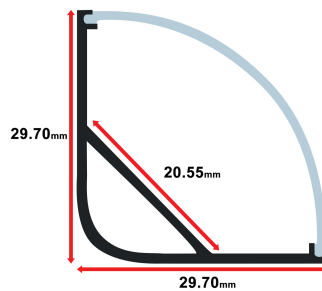
C	Clear Lens
M	PC Milky Diffused Lens
P	PMMA Milky Lens

5 Mounting Style

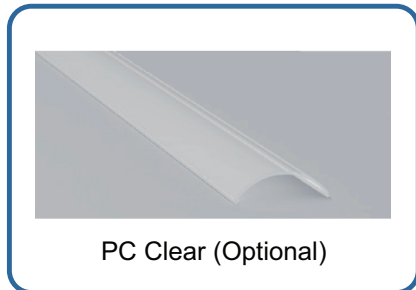
S Surface Mount Clips



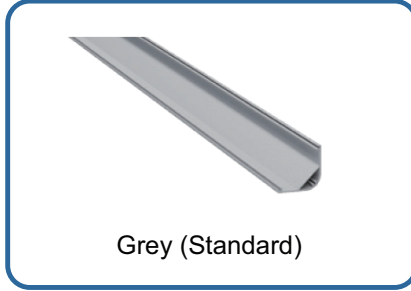
ALM-P3030 WITH STANDARD LENS



Lens Options



Base Options



Optional Accessories



End Cap Specifications

Dimensions in MM

Standard End Caps
ALMP3030-ECC
ALMP3030-ECWH

Optional White
ALMP3030-ECC-W
ALMP3030-ECWH-W

Optional Black
ALMP3030-ECC-B
ALMP3030-ECWH-B

Mounting Clips

Surface Mount - Standard

Dimensions in MM

Standard Clips
AMLMP3030-CLP

Optional White
AMLMP3030-CLP-W

Optional Black
AMLMP3030-CLP-B