1450 PROFILE - OPTILUX PRO
1000 Series
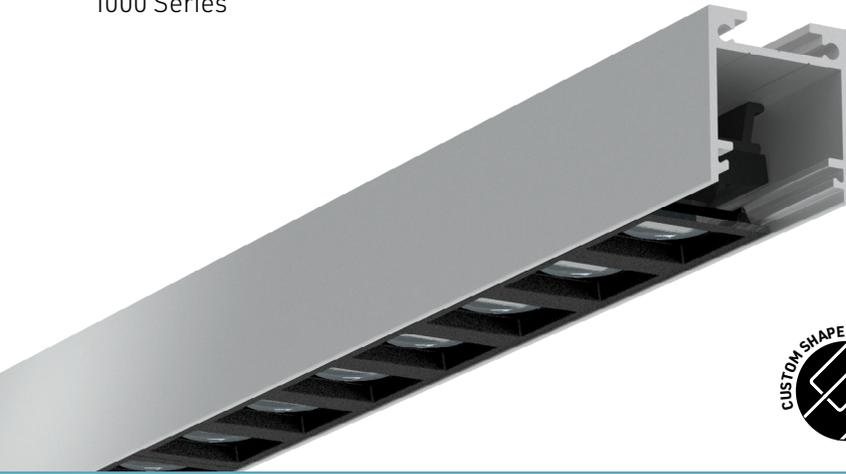
Cross-section dimensions:

1 in
26 mm

0.925 in
23.50 mm
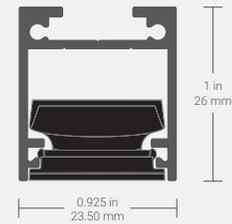
NEW! A REVOLUTION IN LIGHTING!

The 1450 Optilux luminaire gives you full control whether you want to focus lighting on work surfaces or achieve indirect lighting with a wall-washing effect. With its customized options, you have carte blanche: choice of beam angles for uniform or asymmetrical lighting, and a collection of trendy colors with the elegant aluminum finish. Designed for indoor use with multiple installations, it is ideal for office, boutique and hotel applications or to enhance wall lighting.

A high-tech gem: What makes the 1450 Optilux luminaire so innovative? Its lens incorporates an LED light source with a CRI of 95+, allowing you to direct the light exactly where you want it with exceptional quality and color rendition. Even better, its anti-reflective technology offers unparalleled visual comfort. Another innovation exclusive to LumenTruss™!

FEATURES

– Custom length of extrusion 1450: up to 240 in (6 m)
– Length of light source in 6.5 in (16 cm) increments only
– CRI 95+ with PCB: black or white
– Choice of 4 color temperatures (2700 K, 3000 K, 3500 K et 4000 K)
– 2 beam angles: 30° × 30° (336 lm/ft) or 10° × 45° (345 lm/ft)
– Anti-reflective technology reducing eye fatigue
– 3 colors to choose from: aluminum, black and white
– Made of ALCOA 6063-T5 aluminum alloy for superior heat dissipation and increased LED light source life
– Surface or suspended installation
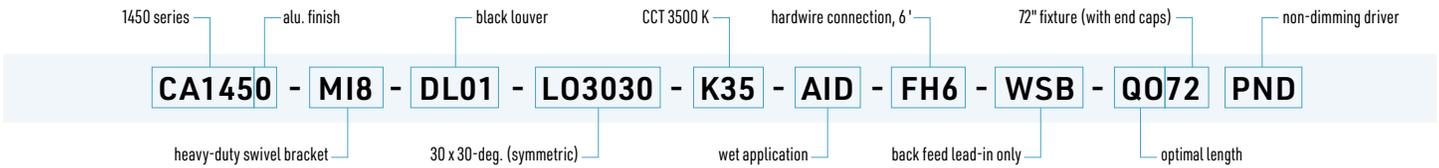– Indoor use, 24 V

OPTIONS

LINEAR WEIGHT

0.23 lbs/ft, 0.35 kg/m (without lens or insert)

1	2	3	4	5	6	7	8	9	10	11
Finish	Mounting	Louver	Lumen Package	CCT	Application	Power Feed	Input / Output	Exact / Optimal	Length, in	Driver Type
–	–	–	–	–	**AID**	–	–	–	–	

1 — PROFILE & FINISH

CA1450 - Anodized aluminum finish
CA1451 - Anodized black finish
CA1452 - White
CA145X - Custom color provide RAL #

2 — MOUNTING

MC0 - Phantom bracket
MIG - Magnet
MI1 - Surface 1-side bracket
MI2 - Surface 2-side bracket
MI3 - Surface 90° bracket
MI4 - Surface 45° bracket
MI8 - Heavy-duty swivel bracket 180°
MSCN - Suspension kit, no canopy
MSC0 - Suspension kit, alu. canopy
MSC1 - Suspension kit, black canopy
MSC2 - Suspension kit, white canopy
MN0 - No mounting

3 — LOUVER

DL01 - Louver, black finish
DL02 - Louver, white finish
DL09 - Louver, golden finish

4 — LUMEN PACKAGE

LO3030 - smooth spot 30°x 30° beam - 5.5 W/ft - 378 lm/ft
LO1045* - asymmetric 10°x 45° beam - 5.5 W/ft - 345 lm/ft

5 — CCT

K27 - 2700K
K30 - 3000K
K35 - 3500K
K40 - 4000K
(*not available for LO1045 option)

6 — APPLICATION

AID - Indoor dry locations

7 — POWER FEED

FH3 - Hardwire, 3ft wire
FH6 - Hardwire, 6ft wire
FH9 - Hardwire, 9ft wire
FHX - Hardwire, custom length wire
FC3 - DC plug, 3ft wire
FC6 - DC plug, 6ft wire
FC9 - DC plug, 9ft wire
FCX - DC plug, custom length wire
FS15 - Suspension coaxial wire, 15ft

8 — INPUT / OUTPUT

WSE - Simple lead-in, end feed
WSB - Simple lead-in, back feed
WPE - Pass-through, end feed
WPB - Pass-through, back feed

9 — EXACT/OPTIMAL

QE - Exact
QO - Optimal

Exact - length specified in section 10 with end caps without flanges.

Optimal - length specified in section 10, rounded down to the closest LED cut section to minimize dark spots.

10 — LENGTH*

Length of the luminaire in inches.

Includes blind covers (min. 1") and end caps, excludes flanges (when applicable).

no flange / flange
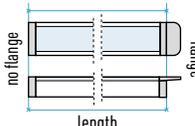
length

Length calculation: N number of sections of 6.5626" + blind covers (variable length min. 1" each) + end caps (channel specific).

>1"   >1"

6.5626" (166.67mm)
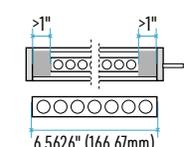
11 — DRIVER TYPE

PND - Non-dimmable
P010 - 0-10V dimming
PPH - Phase (ELV / MLV) dimming
P5i1 - 5-in-1 (Phase / 0-10V) dimming
PDAL - DALI compatible driver
PDMX - DMX driver
PNO - No driver

1450 series / alu. finish / black louver / CCT 3500 K / hardwire connection, 6 ' / 72" fixture (with end caps) / non-dimming driver

| CA1450 | - | MI8 | - | DL01 | - | LO3030 | - | K35 | - | AID | - | FH6 | - | WSB | - | QO72 | PND |

heavy-duty swivel bracket / 30 x 30-deg. (symmetric) / wet application / back feed lead-in only / optimal length

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ACCESSORIES (OPTIONAL)

GYPSUM GROOVES	Quantity
CG14512 - Gypsum groove, 1/2", 4'	
CG14558 - Gypsum groove, 5/8", 4'	