1650 PROFILE
1000 Series

Cross-section dimensions:

0.72 in.
18.2 mm

1.46 in.
37.0 mm

c(UL)us E491159 | c FU us | MADE IN NORTH AMERICA | ALCOA 6063-T5 ANODIZED ALUMINUM | 5 YEARS WARRANTY | LOW CARBON FOOTPRINT | WET & DRY LOCATION
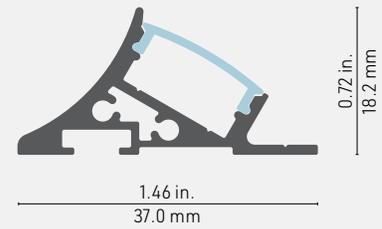
PRACTICAL AND SLEEK

The 1650 profile is your best choice for **product display**. It offers lighting at a 30-degree angle, so you can cover all of the items on your shelves or racks and bring them centerstage. The smooth curved profile adds an extra accent in style. Use it with a clear lens to maximize the light output, or with an Optiflex or Opal lens for no hot spots* from any angle.

FEATURES

– Profile designed to light items on shelves and displays.
– Custom length by sections of 2 to 240 inches (6m).
– Application guide for 10mm (3/8-inch) LED engine or less.
– Made of ALCOA 6063-T5 aluminum alloy increasing heat dissipation.
– Its use increases the lifetime of your LED engine.
– Compatible with multiple installation accessories.
– Designed to meet North American woodworking standards.

OPTIONS

CUSTOM COLOR | IP68 WATERPROOF |

LED ENGINE COMPATIBILITY

IP22: Compatible with LED engines up to **14mm** wide.
IP68: Compatible with LED engines up to **10mm** wide.

LINEAR WEIGHT

0.232 lbs/ft, 0.345 kg/m (without lens)

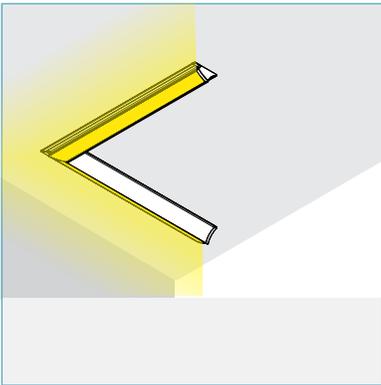*Dot free only in certain configurations - contact your sales representatives for information
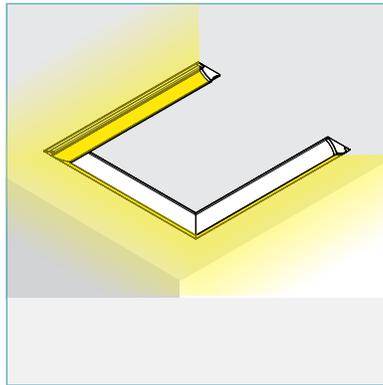
CORNER ASSEMBLY OPTIONS

When ordering an assembly that requires corners, make sure to indicate the correct corner type. In order to do this, please specify the desired lighting layout using the form below.
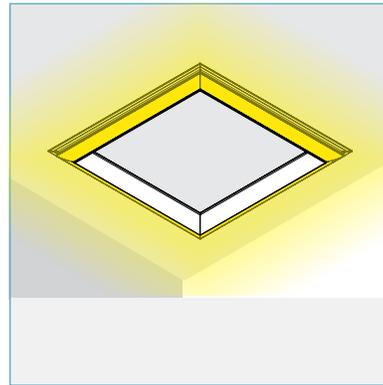
ADDITIONAL COMMENTS

L-SHAPE

U-SHAPE

RECTANGLE

HRZ EXTERIOR
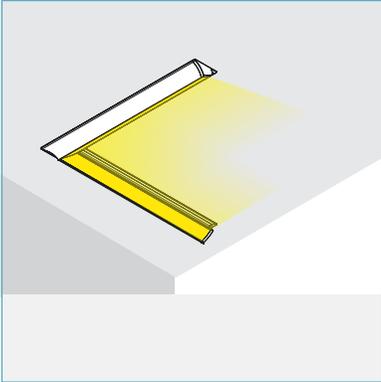
HRZ INTERIOR

1-855-384-3384
www.lumentruss.com
info@lumentruss.com

We reserve the right to change specififcations without prior notification. Last update: July 7, 2021

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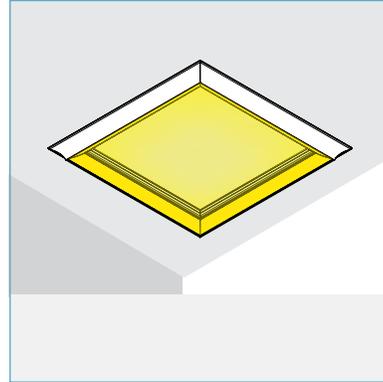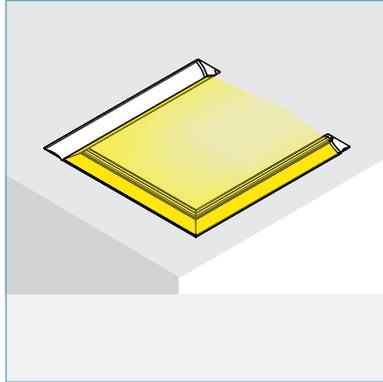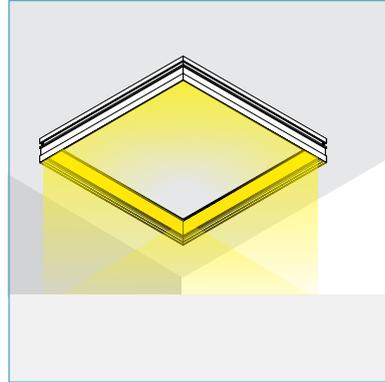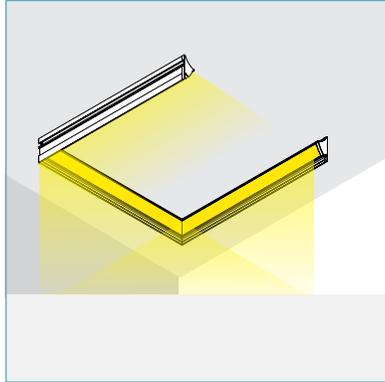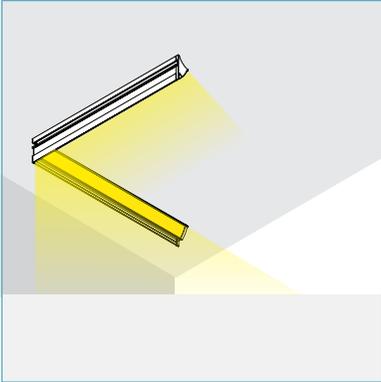
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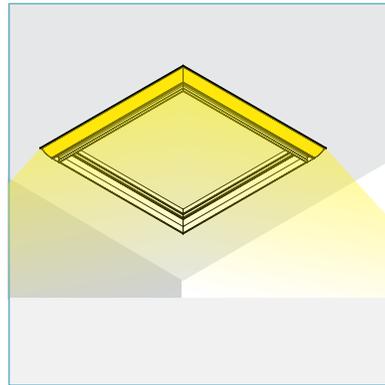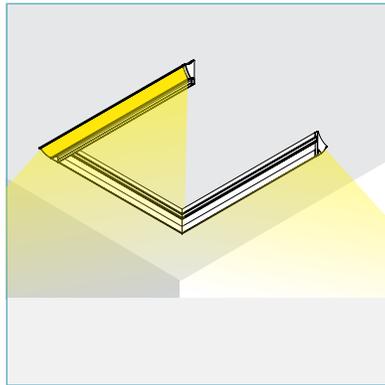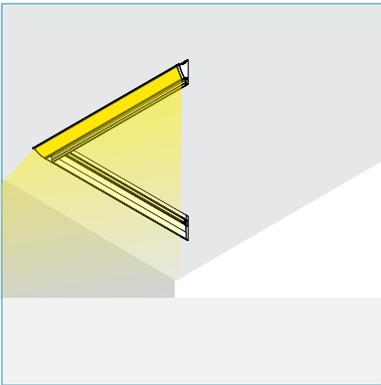
VRT EXTERIOR

VRT INTERIOR

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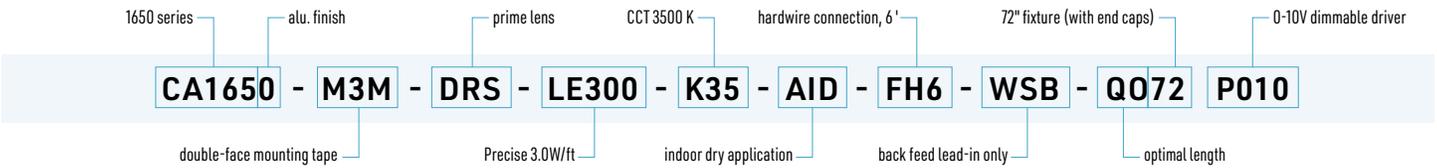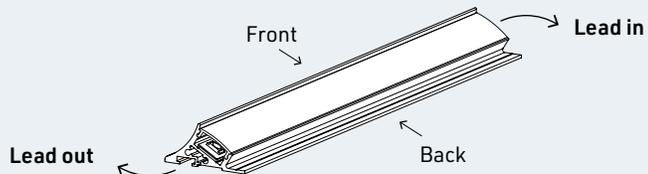| 1	2	3	4	5	6	7	8	9	10	11
Finish	Mounting	Optics	Lumen Package	CCT	Application	Power Feed	Input / Output	Exact / Optimal	Length, in	Driver Type
–	–	–	–	–	–	–	–	–	–	

1 PROFILE & FINISH

CA1650 - Anodized aluminum finish
CA1651 - Anodized black finish
CA165W - White (special order)
CA165X - Custom color provide RAL #

2 MOUNTING

M3M - Double face mounting tape
MNO - No mounting

3 OPTICS

DCS - Clear lens
DXS - Optiflex lens
DOS - Opal lens
DRS - Prime lens
DBS - Black lens
DNO - No lens

4 LUMEN PACKAGE

LP100 - 1.5 W/ft - >130 lm/ft
LP200 - 2.9 W/ft - >200 lm/ft
LP300 - 4.4 W/ft - >300 lm/ft
LP450 - 5.8 W/ft - >450 lm/ft
LP750** - 7.0 W/ft - >550 lm/ft

PRECISE

LE150* - 1.5 W/ft - >150 lm/ft
LE300 - 3.0 W/ft - >300 lm/ft
LE600 - 5.5 W/ft - >600 lm/ft

NEAT

LT150* - 2.0 W/ft - >150 lm/ft
LT300 - 3.0 W/ft - >300 lm/ft

PEAK

LK900 - 7.5 W/ft - >900 lm/ft

LW2229 - WARMDIM 2200-2900K - 4.4 W/ft - 192 lm/ft
LW2735 - WARMDIM 2700-3500K - 4.4 W/ft - 202 lm/ft
LWC2230 - WARMDIM COB 2200-3000K - 4.4 W/ft - 323 lm/ft

5 CCT

K24 - 2400K
K27 - 2700K
K30 - 3000K
K35 - 3500K
K40 - 4000K
**K50 - 5000K (LP750 only)

*LE150 and LT150 are only available in K27 and K30

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

8 INPUT / OUTPUT

WSB1 - Simple lead-in, back 1 feed
WSB2 - Simple lead-in, back 2 feed
WPB1 - Pass-through, back 1 feed
WPB2 - Pass-through, back 2 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 end caps, excludes flanges (when applicable).
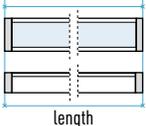
length

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

1650 series	alu. finish	prime lens	CCT 3500 K	hardwire connection, 6 '	72" fixture (with end caps)	0-10V dimmable driver

CA1650 - **M3M** - **DRS** - **LE300** - **K35** - **AID** - **FH6** - **WSB** - **QO72** **P010**

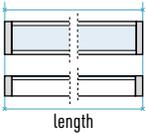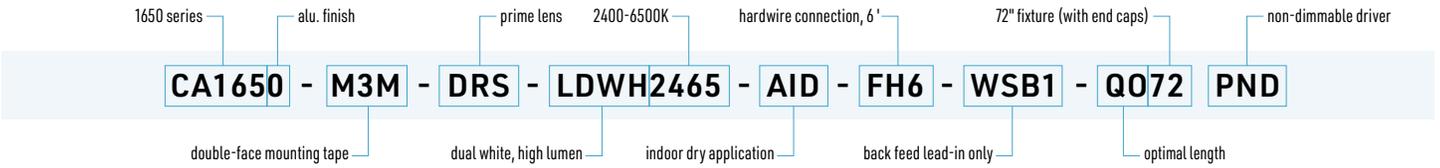| double-face mounting tape	Precise 3.0W/ft	indoor dry application	back feed lead-in only	optimal length

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*NOTE: This profile has a direction. Please refer to the graphic on the right to figure out the sides of lead in, lead out wires.

Front

Lead in

Lead out

Back

1	2	3	4	5	6	7	8	9	10	11
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M3M - Double face mounting tape
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3	OPTICS
DCS - Clear lens
DXS - Optiflex lens
DOS - Opal lens
DRS - Prime lens
DBS - Black lens
DNO - No lens

4	LUMEN PACKAGE
LDWM2465 - Dual White - 3.5 W/ft - 260 lm/ft
LDWH2465 - Dual White - 5.8 W/ft - 427 lm/ft
LRGBLD - RGB - 4.4 W/ft - low density
LRGBMD - RGB - 5.8 W/ft - medium density
LRGB30 - RGBW (3000K) 4 in 1 - 4.4 W/ft - 107 lm/ft

5	CCT
▶ 2400-6500K
▶ N/A
▶ RGB + 3000K

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length

11	DRIVER TYPE
PND - Non-dimmable
PDMX - DMX driver
PNO - No driver

1650 series — alu. finish — prime lens — 2400-6500K — hardwire connection, 6 ' — 72" fixture (with end caps) — non-dimmable driver

CA1650 - **M3M** - **DRS** - **LDWH2465** - **AID** - **FH6** - **WSB1** - **QO72** **PND**

double-face mounting tape — dual white, high lumen — indoor dry application — back feed lead-in only — optimal length

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Front

Lead in

Lead out

Back