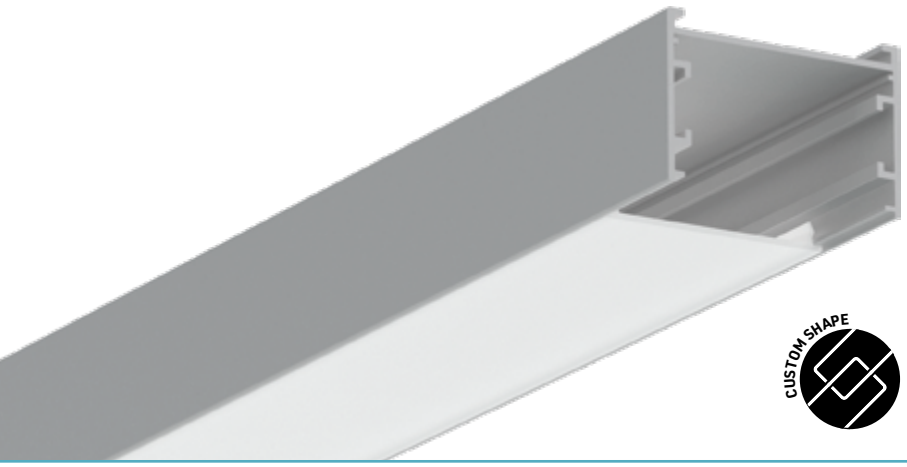
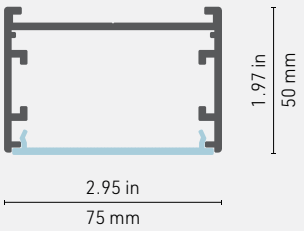
9820 PROFILE

9000 Series



Cross-section dimensions:



The 9820 is a 9000 series system designed for those looking for a minimalist effect. Its ultra-slim profile combined with our advanced LED technology make it a suitable solution to accentuate the geometric shapes of stairs, hallways, kitchen islands and much more.

With lengths of up to 16' (5000 mm), this profile gives you all the flexibility you need to realize ambitious lighting concepts.

FEATURES

- Dimensions: 3" wide and 2" high.
- Customized length in sections from 2 to 192 in. (16 feet, 5 m) or with joiners for superior lengths or corner connections.
- Pre-made corner sections for easy assembly.
- Wide choice of color temperatures and standard LED engines.
- Made of ALCOA 6063-T5 aluminum alloy for superior heat dissipation and increased LED light source life.

OPTIONS

DOT FREE

LED ENGINE COMPATIBILITY

Multiple standard LED engines can be installed up to a total width of **36mm**.

LINEAR WEIGHT

0.793 lbs/ft, 1.18 kg/m

Figures provided for the aluminum profiles only – outer and inner enclosures, heat sink. The complete assembly, with LED light sources, reflectors, power supplies, endcaps, mounting hardware etc. will be greater, and will vary depending on product configuration.

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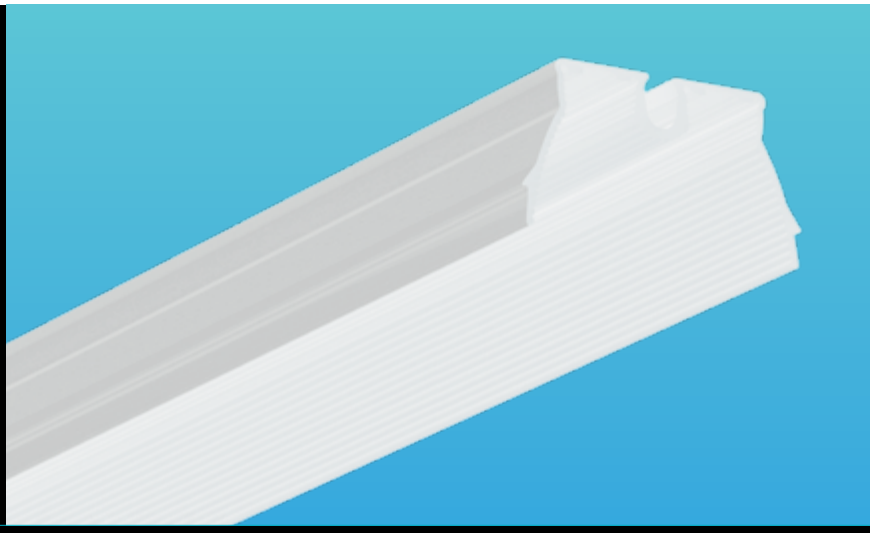
HIGH EFFICIENCY
REFLECTOR V2.1

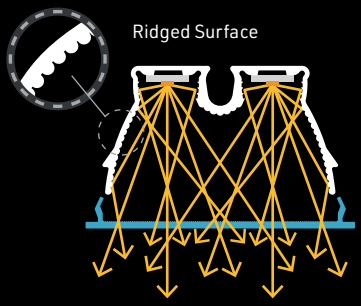
HER² PRO

Significantly improves luminous efficiency!



HER PRO - HIGH EFFICIENCY REFLECTOR V2.1

Achieve maximum luminous flux with the **HER Pro** (High Efficiency Reflector)! With its engineered design, this new reflector significantly improves luminous efficiency and provides lighting without loss of light. An ingenious idea that surpasses the use of white reflective paint to maximize lighting. The Pro version has been designed with our brand new Reflective Wave System – ridges on each side of the reflector – that helps provide even greater illumination!



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9820 Profile ordering sheet

PROFILE

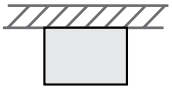
9820 - Alu

982X - Custom color

IMPORTANT: Provide RAL color №
Blind cover will be Alu. with any extrusion finish

RAL NUMBER

MOUNTING TYPE



S - Surface mount

Note: Mounting hardware by others

LENSES

OX - Optiflex flat lens

REFLECTOR

HER - High efficiency reflector

INCLUDED

LENGTH

Custom length by sections of 2 to 192 inches.

PROFILE		MOUNTING TYPE		LENS		REFLECTOR		LENGTH
	–	**S**	–	**OX**	–	**HER**	–	

JS - Type C straight joiner

JH45 - Type C horz. 45˚ joiner

JH90 - Type C horz. 90˚ joiner

JV90 - Type C vert. 90˚ joiner

JV45 - Type C vert. 45˚ joiner

QUANTITY		QUANTITY		QUANTITY		QUANTITY		QUANTITY
	–		–		–		–	

COLOR TEMPERATURE

- **24** - 2400K
- **27** - 2700K
- **30** - 3000K
- **35** - 3500K
- **42** - 4200K
- **53** - 5300K (LHP only)
- **62** - 6200K (LP only)

- **WD1** - 2200-2700K 14W/m
- **WD3** - 2700-3500K 14W/m
- **COBWD** - 2200-3200K 14W/m
- **TW1** - Tunable White 11W/m
- **TW2** - Tunable White 19W/m
- **RGB1** - RGB 14W/m
- **RGB2** - RGB 19W/m
- **RGBW2** - 3000K 4in1 14W/m

LUMEN PACKAGE*

- **2LP0** - 238 LM / 3.0W FT / 90+CRI
- **2LP1** - 274 LM / 3.0W FT / 90+CRI
- **2LP2** - 468 LM / 6.0W FT / 90+CRI
- **2LP3** - 670 LM / 8.8W FT / 90+CRI
- **2LP4** - 976 LM / 11.6W FT / 90+CRI
- **2LHP** - 1336 LM / 14.0W FT / 95+CRI

Lumen Package selection is not available for **WD**, **TW** and **RGB** color options.

USAGE

- **I** - IP22 indoor dry location

For **TW** or **RGB** strip options, select either **A** [Non-dimming] or **E** [Non-dimming DC plug] in power supply plus the **J** [Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC] controller.

POWER SUPPLY/CONTROL

- **A** - Non-dimming
- **B** - ELV dimming 120V AC
- **C** - ELV dimming 120/277 VAC**
- **D** - 0/10V dimming 120/277 VAC
- **E** - Non-dimming DC plug in
- **F** - DMX
- **G** - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W
- **I** - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC
- **J** - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC
- **K** - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC
- **NO** - No driver

*NOTES

*The light output is provided in lumens per foot, for a CCT of 4200K without lens. Please refer to the optics page for CCT and translucency conversion factors.

** Only available in 96W - 24V Driver.

TITLE 24 COMPLIANT

COLOR TEMPERATURE		LUMEN PACKAGE		USAGE		POWER SUPPLY/CONTROL
	–		–	**IP22**	–	

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