UNDERSCORE
LEDSTRIP - STATIC WHITE

Type:

Project :

SPECIFICATION SHEET

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Underscore Ledstrip feature white monochrome LEDs with a high color rendering index and flexible white circuit. The close LEDs spacing create an extremely homogeneous and diffuse linear emission.

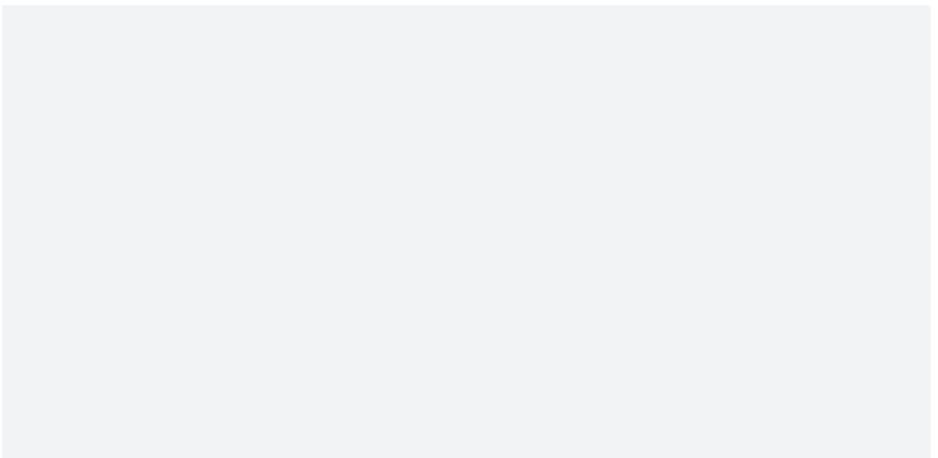|	
Luminaire characteristics:	**Power input:** 1.5W/ft to 6.1W/ft (Remote fixture only) **Lumens:** 155lm/ft to 433lm/ft (for 3000K, 90CRI) **Luminaire efficacy:** Up to 103lm/W
Source:	White LED (LM-80 tested) 2700K: 90CRI 3000K: 90CRI 3500K: 90CRI 4000K: 90CRI
Lumen maintenance:	70% of initial lumens at 40 000 hours (L70)
Optics:	General light.
Material:	Transparent PVC sheath. Designed for temperature: -4°F to 122°F (-20°C to 50°C).
Mounting:	Mounting accessories available (see page 4)
Electrical:	24Vdc remote LED driver to be ordered separately (page 3)
Dimming:	0-10V. See dimming options on page 3.
Finish:	White
Weight:	0.2lb/ft (0.1kg/ft)
Warranty:	5 year limited warranty.
Ratings:	IP65, IP20 when field cut
Certification:	cULus listed for damp location.

DM-R3   Last update: January 12, 2026

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ORDERING INFO

PRODUCT CODE

CONFIGURE

LENGTH	OUTPUT	LED	COLOUR
16 16ft (5m)	**1.5** 1.5W/ft 155lm/ft	**927** 2700K, 90CRI	**01** White
	3 3W/ft 283lm/ft	**930** 3000K, 90CRI	
	4.6 4.6W/ft 433lm/ft	**935** 3500K, 90CRI	
	6.1 6.1W/ft 304lm/ft	**940** 4000K, 90CRI	

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REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance at full load 18AWG
☐			4545-0024-075-UNV-ND			
75	120-277V	Outdoor	None	None	11.5" x 3" x 2" (292 x 76 x 51mm)	50ft (15.2m)
☐			4546-0024-200-2C-UNV-ND (100W/CH - 2Channel)			
200	120-277V	Outdoor	None	None	12.5" x 4.5" x 2.5" (312 x 114 x 61mm)	35ft (10.6m)

Wattage requirement for one (1) fixture: 1.5W/ft to 5.1W/ft, 24V (remote fixture only)
For longer remote distance, contact customer service.
The in-line connection of ledstrip is possible up to 5 m without any differences in luminosity in the line.
Ledstrip wattage must be lower or equal to the remote led driver wattage. The diming module wattage must be greater or equal to the ledstrip wattage.

OPTIONAL DIMMING MODULES*
(TO BE ORDERED SEPARATELY)

☐ **9223 -** For static white 0-10V, 120W MAX, 0-100%
     0.57"x1.73"x3.86" (14.5mmx44mmx98mm)

*Dimming modules must be used only within an enclosure.
 Enclosure by other.

CONNECTION DIAGRAM FOR DRIVER AND DIMMING MODULE 9223

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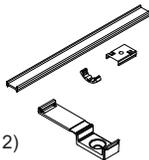Page: 4 of 6
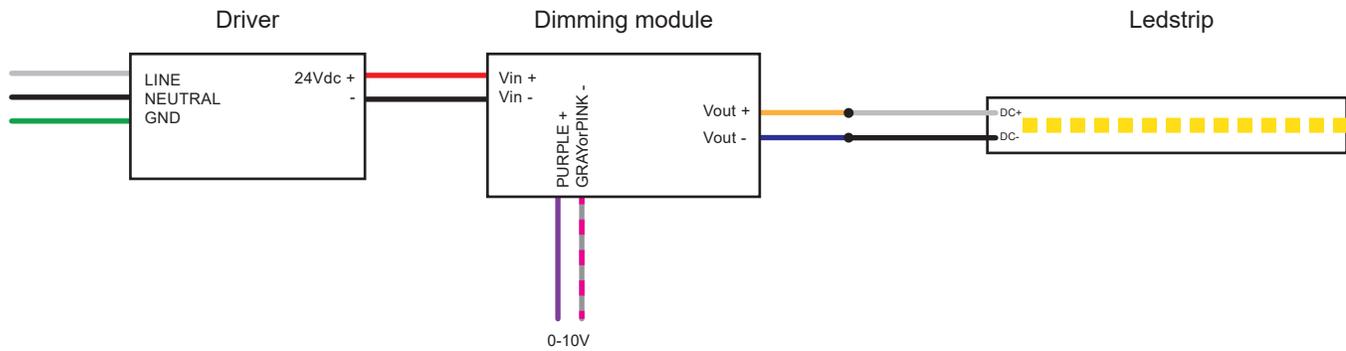
MOUNTING ACCESSORIES
(TO BE ORDERED SEPARATELY)
For details on installation, consult the instruction sheet. For dimensions see page 5

INSTALLATION KIT

☐ **IMWG1-12 -** Aluminum channel kit.
Includes 5 x 39"(1m) channel,
20 clips and 10 mounting brackets

☐ **IMWG2-01 -** Installation clip kit. White plastic.
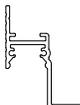Includes 10 pcs (For IRE09, 10, 11, 12)

ALUMINUM PROFILE   ☐ **01 -** White   ☐ **12 -** Aluminum

Surface installation

☐ **IMXK3 -** 90˚ angle profile 39" (1m).

☐ **IMXK4 -** 90˚ angle profile 79" (2m).

☐ **IMXK5 -** Perimetral profile 79" (2m).
Available in white

☐ **IMXK8 -** Low minimal profile 39" (1m).
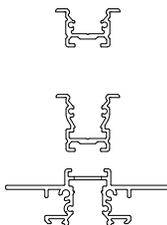
☐ **IMXK9 -** Low minimal profile 79" (2m).

☐ **IMXL2 -** High minimal profile 39" (1m).

☐ **IMXL3 -** High minimal profile 79" (2m).

Recessed installation

☐ **IMXK6 -** Low profile 39" (1m).

☐ **IMXK7 -** Low profile 79" (2m).

☐ **IMXL0 -** High profile 39" (1m).

☐ **IMXL1 -** High profile 79" (2m).

☐ **IMXN8 -** Strait trimless profile 79" (2m).
No finish

CONNECTORS
(TO BE ORDERED SEPARATELY)

☐ **IMWR6 -** Connector kit. Includes 1 male and
2 female connectors plus 4 end caps. Clear

☐ **IMWR7 -** Silicon end cap for ledstrip.
Includes 4 end caps with holes
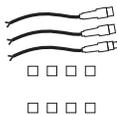
MOUNTING CLIPS

Surface installation

☐ **IMXM4 -** For surface profile, 5 pcs

☐ **IMXM5 -** For 90˚ angle profile, 5 pcs

Recessed installation

☐ **IMXP6 -** Spring

END CAP   ☐ **01 -** White   ☐ **10 -** Gray

Surface installation

☐ **IMXL4 -** End cap for IMXK3, IMXK4. 10 pcs.

☐ **IMXL5 -** End cap for IMXK5. 10 pcs
Available in white

☐ **IMXL7 -** End cap for IMXK8, IMXK9. 10 pcs

☐ **IMXL9 -** End cap for IMXL2, IMXL3. 10 pcs

Recessed installation

☐ **IMXL6 -** End cap for IMXK6, IMXK7. 10 pcs

☐ **IMXL8 -** End cap for IMXL0, IMXL1. 10 pcs

☐ **MXQ2 -** End cap for IMXN8, 4 pcs
Available in white

DIFFUSER SCREEN

☐ **IMXM0-38 -** Opal 39" (1m)

☐ **IMXM1-38 -** Opal 79" (2m)

☐ **IMXM2-21 -** Clear 39" (1m)
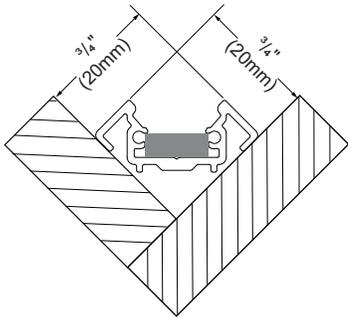
☐ **IMXM3-21 -** Clear 79" (2m)

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DIMENSIONS

LEDSTRIP LENGTH

16FT

L: 16'-5" (5m)

3/8"(10mm)

ALUMINIUM PROFIL DIMENSIONS

IMXK3 - IMXK4

3/4" (20mm) 3/4" (20mm)

IMXL2 - IMXL3

5/8" (16.8mm)

5/8" (16.8mm)
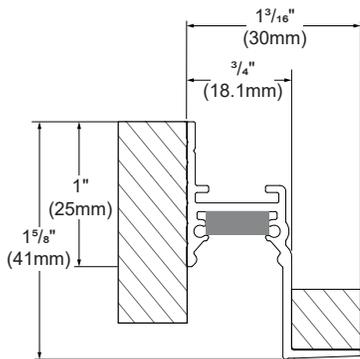
IMXN8

2³/₈" (60mm)

1¹/₄" (31.4mm)

¹/₂" (13.5mm)

¹³/₁₆" (21mm)

For ¹/₂" dry wall
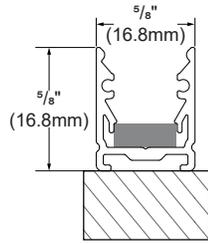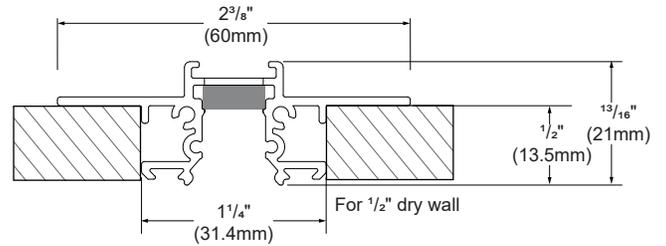
DIFFUSER SCREEN DIMENSIONS

IMXK5

1³/₁₆" (30mm)

³/₄" (18.1mm)

1" (25mm)

1⁵/₈" (41mm)

IMXK6 - IMXK7

1" (24.4mm)

¹/₂" (14.5mm)

⁵/₈" (16.8mm)

IMXM0 - IMXM1 - IMXM2 - IMXM3

⁵/₈" (15.4mm)

IMXK8 - IMXK9

⁵/₈" (16.8mm)

¹/₂" (13.5mm)

IMXL0 - IMXL1

1" (24.4mm)

⁷/₈" (22mm)

⁵/₈" (16.8mm)

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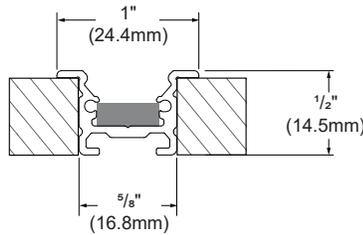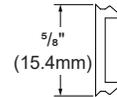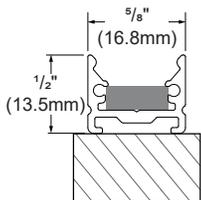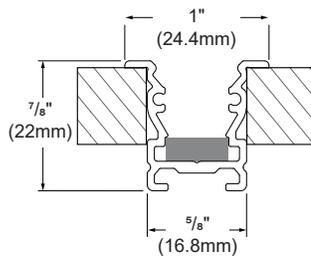
PHOTOMETRIC DATA

GENERAL LIGHT

CCT (K)	CRI	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/W)	CANDELA	MODELS
3000K	90	1.5 W/ft	155	103	55	IRE10-01
		3 W/ft	283	94	100	IRE14-01
		4.6 W/ft	433	94	152	IRE18-01
		6.1 W/ft	304	49	107	IRE22-01

IRE10-01 (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	13.7	5.6
4ft	3.42	11.3
6ft	1.52	16.9
8ft	0.86	22.6
10ft	0.55	28.2
12ft	0.38	33.9

IRE14-01 (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	24.9	5.6
4ft	6.21	11.1
6ft	2.75	16.7
8ft	1.55	22.3
10ft	0.99	27.9
12ft	0.69	33.4

IRE18-01 (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	37.8	5.5
4ft	9.45	11.0
6ft	4.20	16.6
8ft	2.36	22.1
10ft	1.51	27.6
12ft	1.05	33.1

IRE22-01 (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	26.7	5.7
4ft	6.67	11.4
6ft	2.96	17.1
8ft	1.67	22.8
10ft	1.07	28.5
12ft	0.74	34.2
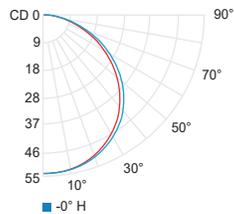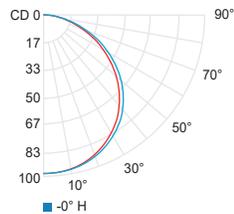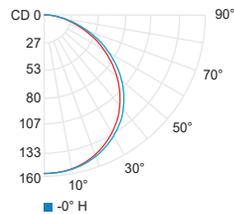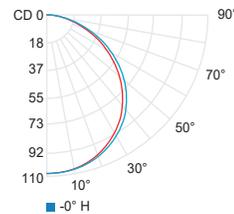
CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.95**	**1**	**1.05**	**1.07**

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