CATALOG #		TYPE	
JOB NAME		WATTAGE	VOLTAGE

Lighting for Patient Spaces

Strait Secure Static and Tunable White Slot

2.5" Recessed • Ligature Resistant • IK10-Rated

Delivers Up To 1200 Lumens Per Foot • LM-80 Qualified • LM-79 Certified

VRL-02SWM

Specifications

Luminaire Features
- Vandal- and ligature-resistant linear slot light
- Shallow extruded aluminum housing with vandal- and ligature-resistant frame
- For use in behavioral health, transportation, education, and anywhere else a secure fixture is needed
- White finish standard, or see options below
- Color temperature: see chart below; CRI: 90+

LED Driver - INTERNAL
- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V 1.0% dimming standard
- 120-277 volt

Vandal-Resistant Trim/Lens Assembly
- Ligature resistant smooth single-piece aluminum frame with 0.22" polycarbonate lens

- Discreet tamperproof screws placed along edge of frame to fixture housing
- Tamperproof tools included: one hex key per 10 fixtures and one FlexDrive bit per order for easy installation; additional FlexDrives can be purchased separately
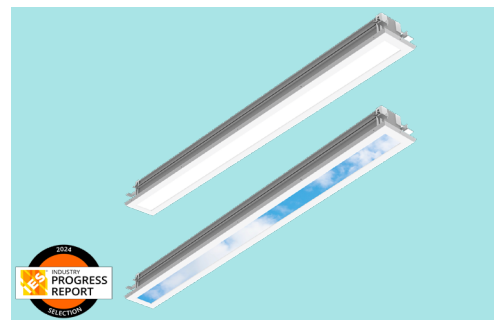- Anti-pixellation optical film included above polycarbonate lens

Scenic Panel Image (Optional)
- Acrylic scenic panel (Over 100 selections from Kirlin or customer-provided) above polycarbonate
- Visualize your design with Kirlin's **Scenic Configurator** tool

Installation
- Securely mounts to hard ceiling for use in behavioral health environments

- Mount with #6 sheet rock fasteners, supplied by others
- Indoor/outdoor in ceilings up to 1¹⁄₈" thick
- Minimum spacing between fixtures (frame edge to frame edge) is 2.5" when using the hex key and 4.5" when using the FlexDrive
- Minimum spacing between fixture and a wall is 2.5" when using the hex key and 6.0" when using the FlexDrive

UL, C-UL (Canada) Listings
- Damp or dry locations, covered ceilings
- Type IC; approved for direct contact with insulation

FIVE YEAR Limited Warranty
- Complete standard fixture

Declare.	Made in the USA	TW Tunable White	IK10 Impact Resistant	VR Vandal Resistant	BioGard™	Natatorium *See Option -I66*	IP66 *See Option -I66*	UL Listed Damp, Dry

Options and Ordering Configuration

(Example: VRL-02SWM-4FT-1000L-DD-6527-TW-BG)

Must Specify						Optional	
Model	**Length**	**Lumens/FT**	**Beam**	**CCT & CRI**	**Dimming**	**Trim Options**	**Other Options**
VRL-02SWM	-2FT -4FT -6FT	-1200L -1000L -750L -500L -XXXXL* *Specify lumens/ft desired beween 500L and 1200L; static white only	-DD: Direct distribution -AS: Asymmetric -IMG: Image behind polycarbonate lensing; see **Scenic Image Gallery** for image options or contact factory for custom image; Available with -0500L or -0750L only	-30K: 3000°K, 90+ CRI -35K: 3500°K, 90+ CRI -40K: 4000°K, 90+ CRI -6527: Tunable white; 6500°K - 2700°K, 80+ CRI; Available up to -0750L lumens/ft	**(Blank):** 0-10V dimming to 1% for static white **-D2:** 0-10V dimming to 0.1% for static white **-D7:** DALI dual drive 0.1% dimming driver instead **-TW:** Dual 0-10V Tunable White control with 0.1% dimming; Available with -6527 only **-TW7:** DALI dual drive 0.1% tunable white dimming driver instead; Available with -6527 only **-TW8:** DALI DT8 dual drive 0.1% tunable white dimming driver instead; Available with -6527 only	**(Blank):** IK10-rated white trim with polycarbonate lens **Trim Finishes** -35T: Silver enamel -37T: Bronze enamel -38T: Black enamel -BG: BioGard anti-microbial white -BKBG: BioGard anti-microbial black -94: Custom color; see page 3 for recommended custom colors; consult factory -94BG: BioGard anti-microbial custom color finish **Other Trim/Lens Features** -I66: IP66 rated trim and lens; Meets ASTM E283 restricted airflow of 2CFM; Natatorium rated	**(Blank):** None **-99:** Special modification; consult factory
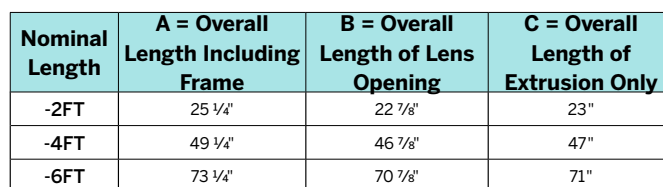
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Dimensions (4 ft length shown)

3.08

3.75

4.11

.44

4.88

2.50

4.88

A

B

C

Length of Housing

Nominal Length	A = Overall Length Including Frame	B = Overall Length of Lens Opening	C = Overall Length of Extrusion Only
-2FT	25 ¼"	22 ⅞"	23"
-4FT	49 ¼"	46 ⅞"	47"
-6FT	73 ¼"	70 ⅞"	71"

Minimum spacing between fixtures (frame edge to frame edge) is 2.5" when using the hex key and 6.0" when using the FlexDrive

Minimum spacing between fixture and a wall is 2.5" when using the hex key and 6.0" when using the FlexDrive

Performance Factors

Static White
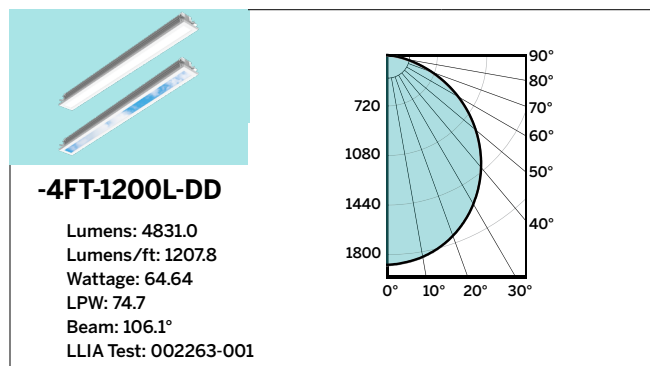
NOMINAL LUMENS PER FOOT	LUMEN FACTOR	NOMINAL WATTS PER FOOT	LPW FACTOR
-1200L	1.00	16.2	1.00
-1000L	0.78	12.6	1.07
-750L	0.52	8.1	1.04
-500L	0.42	5.5	1.25

Tunable White

NOMINAL LUMENS PER FOOT	LUMENS PER FOOT	NOMINAL WATTS PER FOOT	LPW FACTOR
-750L-27K	537.1	7.8	69.3
-750L-65K	583.9	7.7	75.8

Photometry - Static White - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab

Photometry from L.L.I., Allentown, PA

-4FT-1200L-DD

Lumens: 4831.0
Lumens/ft: 1207.8
Wattage: 64.64
LPW: 74.7
Beam: 106.1°
LLIA Test: 002263-001

90°
80°
70°
60°
50°
40°

720
1080
1440
1800

0° 10° 20° 30°

-2FT-AS

Lumens:
Lumens/ft:
Wattage:
LPW:
Beam:
LLIA Test:

TESTING UNDERWAY

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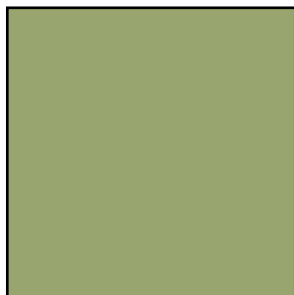PATENT SPACES
NOVEMBER 2024
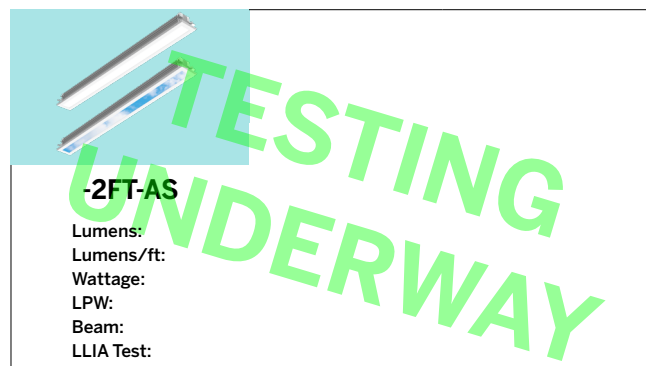
Recommended Custom Colors

The below colors match Kirlin's Scenic Patterns for a cohesive look throughout the space.
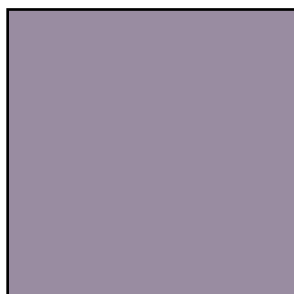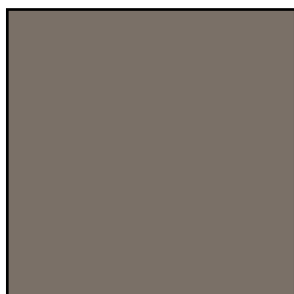To be used with option code -94.

Calming Colors
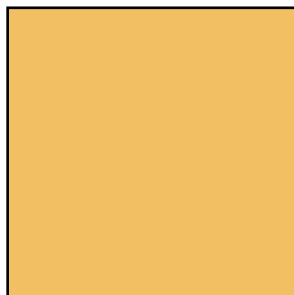
Pale Marigold	Peaceful Pine	Moonlit Bay
Dreamy Dusk	Mudstone Magic	Soft Slate

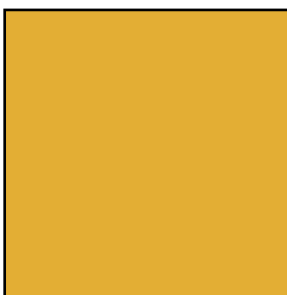## Vibrant Colors
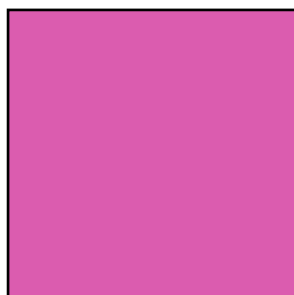
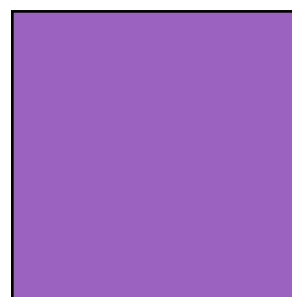|			
Electric Ember	Hot Orchid	Lemon Zing	
Kiwi Kick	Caribbean Lagoon	Cerulean Wave	Glam Grape

Due to variations in monitor settings and screen resolutions, the appearance of colors, textures, and details in the images may differ from the actual product.

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