KIRLIN
ARCHITECTURAL LIGHTING

CATALOG #			TYPE
JOB NAME		WATTAGE	VOLTAGE

Latitudes Series LED Lighting

LRS-22VFP

2'x 2' Recessed White Panel for Harsh Environments
Ligature & Vandal Resistant • IK10 Impact Resistant • 90 CRI
Up to 60,000 Hour Rated Life (L70) • Wet Location (Covered Ceilings)

Specifications

Delivered System Performance
- Lumen Series: **MUST SPECIFY**
  - **-2500L**
  - **-1500L**
- Color temperature: **MUST SPECIFY**
  3500°K or 4100°K
- Distribution: WFL
- 90 CRI; 60,000 hour rated life (L70)

Thermal Management
- Heavy gauge aluminum construction provides maximum heat dissipation for cool LED operation. Extends life of all components

LED Power Supply - INTERNAL
- -30°C (-22°F) to 60°C (140°F)
- 120-277V / 50-60Hz standard; load insensitive
- 0-10V CCR dimming standard (100-10%) or see Options
- Enclosed in aluminum housing

IK10 Vandal Resistant Trim/Lens
- Single-piece, rigid tempered heavy gauge 6063-T5 aluminum frame with seam welded corners and keys
- Rustproof and corrosion resistant
- Flush center pin tamperproof screws
- Tamperproof tool included
- High strength clear flat polycarbonate (0.220") - environmental side
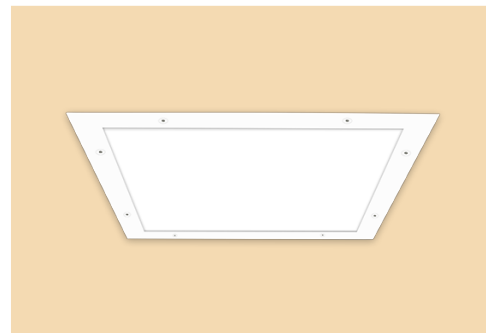- Extruded acrylic wave guide provides unparalleled uniformity

Outlet Box
- UL listed J-box; prewired 16 GA steel with ½" knockouts

Installation
- Recessed mount for drywall ceilings (structural blocking required - by others)
- Shallow 2⅜" recessed depth to minimize plenum interference

UL, C-UL (Canada) Listings
- Wet, damp or dry locations, covered ceilings

FCC Compliance
- FCC Part 15 certified for EMI/RFI emissions

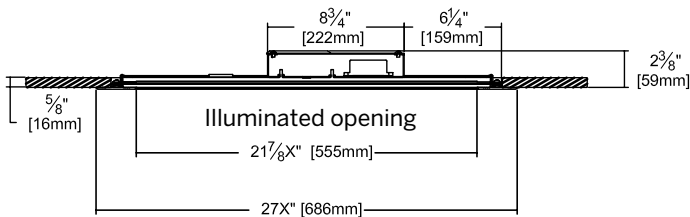### FIVE YEAR Limited Warranty
- Complete standard fixture

Made in the USA *BABAA Compliant*	Vandal Resistant	IK10 Impact Resistant	Natatorium *See Option -NAT*	BioGard™ *See Option -BG*	FCC Part 15 Certified	UL Listed Wet, Damp, Dry

Options and Ordering Configuration

(Example: LRS-22VFP-1500L-35K)

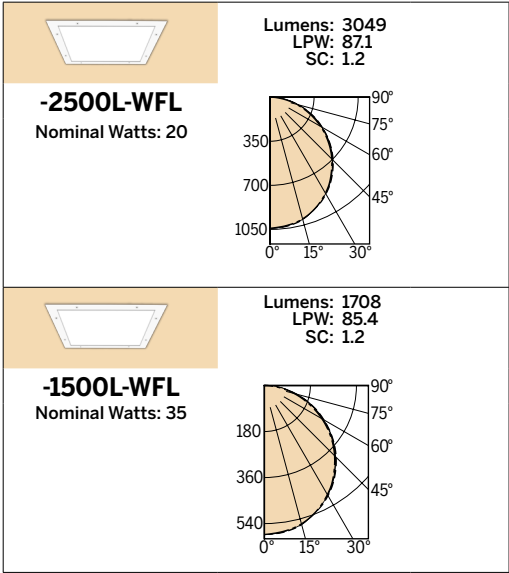| Must Specify			Optional		
Model	Output	CCT	Power Supply	Trim Finish	Other Options
LRS-22VFP					
	-1500L **-2500L**	**-35K:** 3500K **-41K:** 4000K	**(Blank):** 0-10V 1.0% dimming **-D6:** Triac 100-10% dimming instead	**(Blank):** Standard white enamel **-35T:** Silver enamel trim **-37T:** Dark bronze enamel trim **-38T:** Black enamel trim **-BG:** BioGard™ anti-microbial white **-BKBG:** BioGard™ anti-microbial black **-94:** Custom color; consult factory **-94BG:** BioGard™ anti-microbial custom color finish	**(Blank):** None **-99:** Special modification; consult factory **-NAT:** Modified for natatorium use

LRS-22VFP
PERFORMANCE

Dimensions

8³⁄₄" [222mm] 6¹⁄₄" [159mm]

2³⁄₈" [59mm]

5⁄₈" [16mm]

Illuminated opening

21⁷⁄₈X" [555mm]

27X" [686mm]

Ceiling Cut-out
25 ⅛" SQ.

27"SQ [686mm]
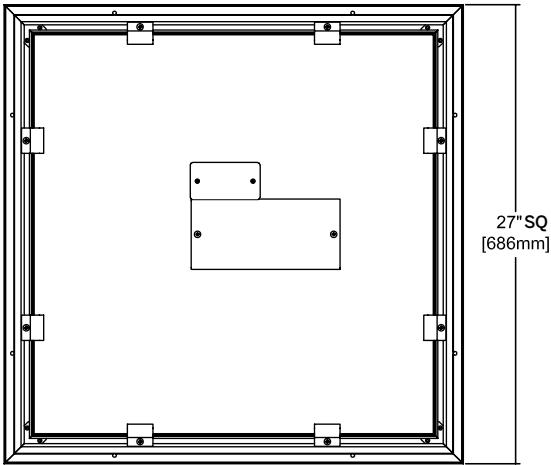
Photometry - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab

-2500L-WFL
Nominal Watts: 20

Lumens: 3049
LPW: 87.1
SC: 1.2

350
700
1050

0° 15° 30° 45° 60° 75° 90°

-1500L-WFL
Nominal Watts: 35

Lumens: 1708
LPW: 85.4
SC: 1.2

180
360
540

0° 15° 30° 45° 60° 75° 90°

LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.