

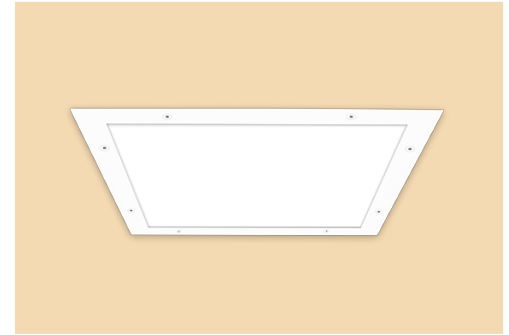
CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series LED Lighting

2'x 2' Recessed White Panel for Harsh Environments

Ligature & Vandal Resistant • IK10 Impact Resistant • 90 CRI
Up to 60,000 Hour Life (L70) • Wet Location (Covered Ceilings)

LRS-22VFP



Specifications

Delivered System Performance

- Lumen Series: **MUST SPECIFY**
- 2500L (35W)
- 1500L (20W)
- Color temperature: **MUST SPECIFY**
- 3500°K or 4100°K
- Distribution: WFL
- 90 CRI; 60,000 hour 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 2¾" recessed depth to minimize plenum interference

UL, C-UL (Canada) Listings

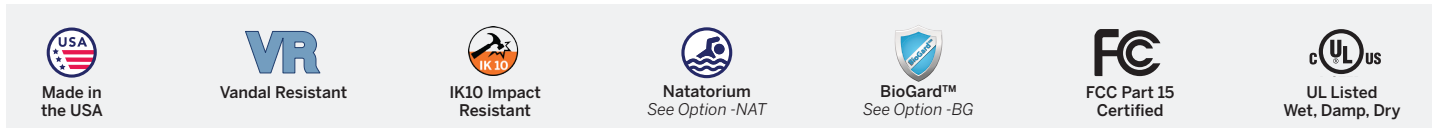
- Wet, damp or dry locations, covered ceilings

FCC Compliance

- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture

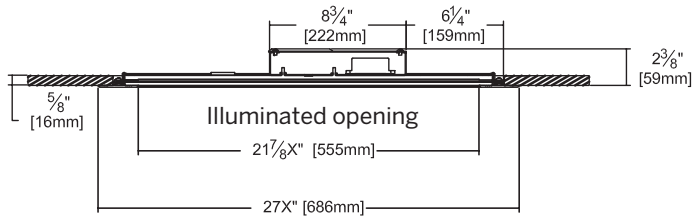


Options and Ordering Configuration

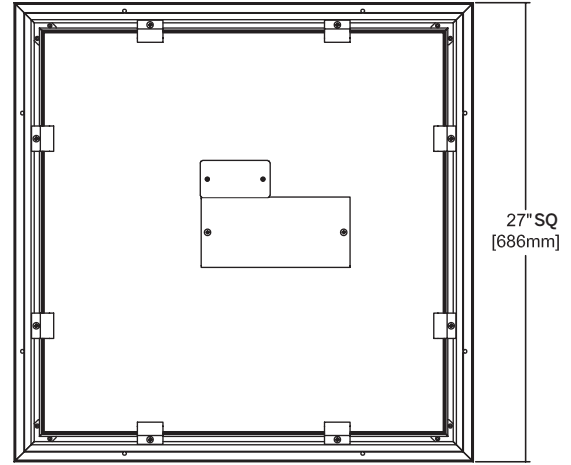
(Example: LRS-22VFP-1500L-35K)

Must Specify			Optional		
Model	Output	CCT	Power Supply	Trim Finish	Other Options
LRS-22VFP					
	-1500L -2500L	-35K: 3500K -41K: 4100K	(Blank): 10% dimming -D1: 0-10V 1.0% dimming instead -D6: Triac 100-10% dimming instead	(Blank): Standard white enamel -35T: Silver enamel trim -37T: Dark bronze enamel trim -38T: Black enamel trim -94: Custom color/finish -BG: BioGard anti-microbial white	(Blank): None -99: Special modification; consult factory -NAT: Modified for natatorium use

Dimensions



Ceiling Cut-out
25 1/8" SQ.



Photometry - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab

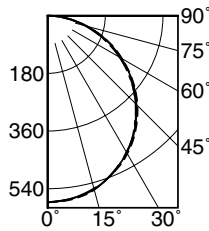
-1500L

Lumens: 1708
SC: 1.2
LPW: 85.4
Efficiency: 99.9%



Total System Watts 20

CANDLEPOWER DISTRIBUTION							
	0.0	30.0	60.0	90.0	120.0	150.0	180.0
0	582	584	583	583	581	581	582
5	581	583	581	579	579	579	579
15	563	564	559	561	561	561	558
25	522	525	519	520	521	521	518
35	468	472	464	464	464	464	463
45	397	397	392	392	392	392	388
55	314	314	305	311	311	311	306
65	224	223	216	220	217	217	214
75	128	131	124	127	126	126	122
85	38	41	38	39	37	37	35
90	1	3	3	2	1	1	1



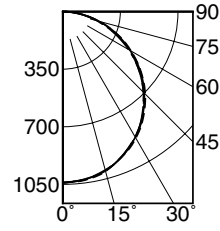
-2500L

Lumens: 3049
SC: 1.2
LPW: 87.1
Efficiency: 99.9%



Total System Watts 35

CANDLEPOWER DISTRIBUTION							
	0.0	30.0	60.0	90.0	120.0	150.0	180.0
0	1039	1042	1040	1041	1041	1038	1039
5	1037	1041	1038	1034	1036	1035	1034
15	1004	1007	998	1002	995	1002	997
25	933	937	926	928	924	931	925
35	835	843	829	829	819	828	826
45	708	709	700	700	689	699	693
55	560	561	545	555	543	554	546
65	401	398	386	392	380	387	382
75	229	235	222	226	211	225	217
85	68	73	68	69	62	65	62
90	3	5	5	4	2	1	1



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

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR ONE YEAR FROM DATE OF PURCHASE. INSTALLATION, USE, MANUFACTURER AT HIS OPTION WILL REPLACE OR REPAIR SUCH FIXTURE OR RETURN THE PURCHASE PRICE ON PRESENTATION OF PROOF OF PURCHASE AND DEFECTIVE FIXTURE AT THE OFFICE OF MANUFACTURER WITHIN THE YEARS OF ORIGINAL SHIPMENT. LIABILITY OF MANUFACTURER IS LIMITED TO THE FOREGOING AND MANUFACTURER SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES, DIRECT OR INDIRECT, SUSTAINED OR SUFFERED BY PURCHASER OR ANY PERSON. THIS WARRANTY IS APPLIED TO THE BUYER IN PLACE OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. SELLER DOES NOT WARRANT AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, NOR WILL ANY ORAL STATEMENT CONSTITUTE A WARRANTY OR AMEND THIS SPECIFIC WARRANTY. ABNORMAL USE, ABUSE OF THE FIXTURE, IMPROPER INSTALLATION, OR REPAIR OR MODIFICATION OF THE FIXTURE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE MANUFACTURER WILL RENDER THE WARRANTY VOID.