KIRLIN
ARCHITECTURAL LIGHTING

CATALOG #		TYPE
JOB NAME	WATTAGE	VOLTAGE

Latitudes Series

6" Downlight • LED • Type IC

LM-79 Certified • LM-80 Qualified

LRR-06103

For QuickShip see GRR-06103[1]

Gazelle Express[1]

Kirlin Select
INTEGRATED MODULE SERIES

Specifications

Delivered System Performance
- Nominal Lumens: **Must Specify**
  Type-IC
  -2000L
  -1500L
  -1100L
- Distribution: WFL
- Color temperature: 3500°K standard
  -Optional: -30K; CRI 80+
- 50,000 Hour Rated Life (L70**)

Thermal Management System
- Aluminum heat sink and components for cool operation, long life, and low maintenance

LED Driver - INTERNAL
- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V linear dimming standard (100-1%)
- 120-277V / 50-60 Hz standard; load insensitive or see Option -97

Trim Assembly
- White aluminum self-flanged downlight trim. Optional finishes available (field paintable)

Shallow 4¼" Aluminum Housing
- Rustproof and corrosion resistant: exceeds 1000 hour ASTM 5% salt spray test
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Built-in plaster flange

Outlet Box (Galvanized)
- UL Listed, 14GA, insulated, removable cover
- ½" and ¾" knockouts

Installation & Hardware
- Indoor/outdoor in ceilings up to 1⅛" thick or see Option -79
- Compatible with fire rated enclosures (by others)
- 27" hanger bars & adjusting brackets (2) supplied
- For concrete housing, see Option -78

UL, C-UL (Canada) Listings
- UL Listed: wet, damp or dry locations, covered ceilings
- Type IC for direct contact with insulation
- Through-branch conductors (4 #12 AWG 90°C) for Type IC Listing

IEC & FCC Compliance
- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty
- Complete standard fixture

Made in the USA
BABAA Compliant

FCC Part 15 Certified

UL Listed
Wet, Damp, Dry

Options and Ordering Configuration

(Example: LRR-06103-1100L-277-WFL-30K-37F-RH-NAT)

Must Specify				Optional		
Model	**Lumens**	**Volts**	**CCT† & CRI**	**Emergency Options**	**Trim Options**	**Other Options**
LRR-06103						
	-2000L **-1500L** **-1100L**	**(Blank):** 120-277 **-120** **-277** **-97†:** Other Voltage	**(Blank):** 3500K, 80+ CRI **-30K:** 3000°K **-35K:** 3500°K	**(Blank):** None **-EI:** Remote emergency inverter for 100% rated lumens; Run time: 90+ minutes; 120 or 277V, 60 Hz input only. Specify voltage. N/A for option -FS	**(Blank):** White aluminum self-flanged downlight trim **Trim Finishes** **-30F:** White enamel (flange only) **-35F:** Silver enamel (flange only) **-35T:** Silver enamel (complete trim) **-37F:** Dark bronze enamel (flange only) **-37T:** Dark bronze enamel (complete trim) **-38F:** Black enamel (flange only) **-38T:** Black enamel (complete trim) **-70T:** Clear semi-specular SofTex™ (complete trim) **-94:** Custom color; consult factory **Other Trim Features** **-32:** White trim extender, specify OD **-45:** Gasket between trim & ceiling **-CF:** Custom color filter (Rosco); Specify	**(Blank):** None **Mounting** **-78:** Concrete pour housing with 2" collar **-79:** Extension collar for ceilings up to 2" thick **-RH:** Joist mounting hardware instead **Other Options** **-99:** Special modification; consult factory **-FS:** Fused primary; One per fixture; N/A for option -EI

Projected L70** for Kirlin Luminaires	
In Open Plenum	50,000 hours
In Insulation (Type IC)	50,000 hours

**Hours at 70% lumen maintenance

†Consult factory

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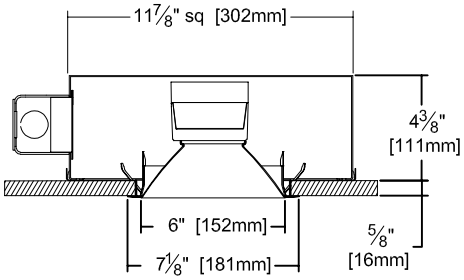
KIRLIN ARCHITECTURAL LIGHTING

Performance Factors

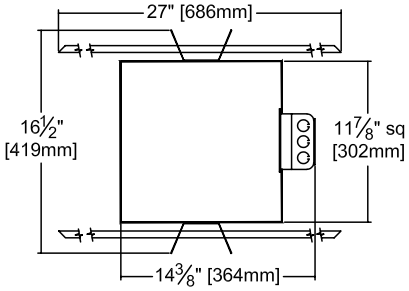
NOMINAL LUMENS	LUMEN FACTOR	NOMINAL WATTS	LPW FACTOR
-2000L	1.00	19.9	1.00
-1500L	0.75	14.9	1.00
-1100L	0.55	10.9	1.00

For QuickShip see GRR-06103[1]

Dimensions



Ceiling Cut-out
6½" Dia.



** See notes on page 1 for additional info on Lumen Factors*

Photometry - Installed Complete Fixture

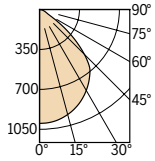
LM-79 IESNA Certified Photometry from Independent Lab

-2000L-WFL

Cone of Light▲

Dist.	FC	Dia.
6	27.7	7.3
8	15.6	9.8
10	10.0	12.2
12	6.9	14.7
14	5.1	17.1
16	3.9	19.5

Lumens: 1984
LPW: 100
Beam: ~63°
SC: 1.2
ITL Test: 90405



Nominal Lumens	Actual Lumens	Actual LPW
2000L	1984	99.7
1500L	1488	99.9
1100L	1091	100.1

[1]*See GRR-06103 specification sheet or "Gazelle Express Program" brochure for complete details. Limited option availability*

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

▲ Cone of Light Key
Dia. (in ft.) shown is where FC value is half the FC at nadir.

Dist. Distance (Ft.) from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTIED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE, INSTALLED TO N.E.C., IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within five 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 supplied 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.

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