

CATALOG #	TYPE
JOB NAME	VOLTAGE

Shallow Lensed 4" Downlight • LED

Up to 90,000 Hour Life • Type IC • Wet Location LM-80 Qualified • LM-79 Certified Photometry

GRS-04045-2000L GRS-04045-1500L

Specifications

Delivered System Performance*

- Lumen Series: MUST SPECIFY -2000L: 2000 nominal lumens (25W). -1500L: 1500 nominal lumens (20W).
- Distribution: Optional: -N
- ature: 3500°K standard. Color tempe Optional: -27 -30K or -41K.
- CRI: 80+ sta dard.
- 90,000 hour fe (L70°
- · Fully sustaina le: removab

Thermal Man

 All aluminum proprietary hea components nd housing maximize cool operation an long life while minimizing maintenance

LED Power Su ply - INTERNAL

- Suitable for d itdoor / indoor use: to 60°C (140°F). -30°C (-22°F
- 120-277V / 0-60Hz standar insensitive.
- 0-10V CCR

Trim Assembly

- · Tapered aluminum all white smooth selfflanged trim.
- Regressed tempered prismatic spread lens.
- Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt spray test.
- Shallow depth fits restricted plenums.





QuickShip Program Luminaire

JL (Canada

- et, damp or dry ocations, covered ceilings.
- pe IC: for direct ontact with insulation. Through-branch o 90°C) for Type IC nductors (4 #12 AWG isting.

IEC & FCC Compliance

- 01-1-2 electromagnetic Meets IEC/EN 606 compatibility stand ard for medical electrical equipment.
- FCC Part 15 certif ed for EMI/RFI emissions.

FIVE YEAR Limited War

antv

tandard fixture. Complete

	MUST SPECIFY	OPTIONAL	
Pro	duct No ber Voltage		
GRS GRS	04045 000L 04045 00L (277 vol.	tion	dering Example: 4045 -2000L-120-30K-NFL

Options

Some design features and **Input Power:** options might have changed azelle gasket between all glange and celling.

-120 120V (50--277 277V (50-

LED Power Su Remote e rated lumens. Run time: 90+ minutes. 120 or 277V, 60Hz input only. Specify voltage.

Color (CCT and CRI)

- -27K Color temperature 2700°K instead.
- -30K Color temperature 3000°K instead.
- -41K Color temperature 4100°K instead.

Projected L70** for Kirlin Luminaires

In Insulation (Type IC) 60,000 hours *Hours at 70% lumen maintenance

In Open Plenum 90,000 hours

- QuickShip Program Luminaire
- Orders received by 10 AM (ET) ship by 5 PM within 72 hours
- · Fixtures ship complete. Freight allowed: Over \$7000
- 50 luminaires (max.) per type on each purchase order (or consult RSM)



The Kirlin Company

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Gazelle Express LED LIGHTING

*See note next page

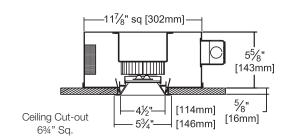


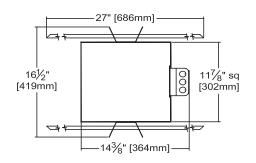
GRS-04045-1500L

PERFORMANCE



Dimensions







QuickShip Program Luminaire

Detailed Photometry - Installed Fixture

Photometric testing done in accordance with IESNA LM-79

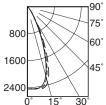
Photometry from I.T.L., Boulder, CO

-1500L STANDARD (MFL)

EEE







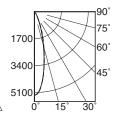
Total System Watts 21.2

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	2440	2440	2440	2440	2440
5	2440	2448	2453	2453	2452
15	2196	2272	2324	2212	2109
25	978	1051	1129	1009	907
35	258	270	274	265	253
45	74	86	88	81	76
55	25	30	33	28	25
65	10	11	11	10	10
75	3	4	4	4	4
85	1	1	1	1	1
90	0	0	0	0	0

-1500L Option -NFL







EEE

Total	System	Watts	21.

0	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	5252	5252	5252	5252	5252
5	4742	4768	4763	4743	4733
15	2339	2297	2250	2204	2219
25	782	753	708	688	689
35	204	191	182	185	193
45	59	61	65	60	54
55	20	22	24	21	19
65	9	9	9	9	8
75	3	3	3	3	3
85	1	1	1	1	1
90	0	0	0	0	0

LIMITED MARRANTY: CATALOGED KIRBUN FIXTURES ARE WARRANTED FREE OF BEFECTS IN WORKMANSHIP OR MATERIAL. FOR FIVE YEARS FROM DATE OF PURCHASE, INTERESTANCE TO N.E.C., IN NORMAL USE. Manuscause at his option proof of purchase and deficitive fixture at the offices of manufacture within the years of original signment. Liability of manufacture is limited to the foreigning, and manufacture is all not be liable for any other damages, direct or indicate any control and associated to sufficient to the foreigning and manufacture is all not be liable for any other damages, direct or fixture, such as the offices or a present in the manufacture will revoke in read-actuary and like as the soft of the fixture, improper installation, or repair, or monofacturation to the following manufacture from the manufacture will revoke.

LUMEN SERIES	LUMEN FACTOR	WATTAGE FACTOR	LPW FACTOR
-2000L	1.257	1.369	0.92
-1500L	1.000	1.000	1.00

LM-80 Qualified • LM-79 Certified Photometry

LED manufacturers maintain a tolerance of $\pm 7\%$ on flux (lumens) and power (electrical) measurements. Kirlin photometrics are actual test data from Independent Testing Laboratories (TL) where photometry was measured from 2022 lumen (-1500L) light engines (within the established tolerance).

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

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

SUBMITTAL DATA

APPROVAL STAMP



JOB NAME

TYPE

VOLTAGE

CATALOG NUMBER

fixture or refund the purchase price on presentation of f all other warranties, expressed or implied. Seller does