

Lumination™ LED Luminaires

Refit Solutions
Refit™ Universal Linear Kit

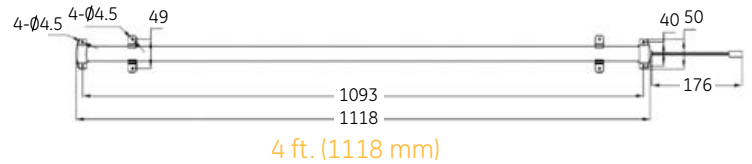


Project name _____
Date _____
Type _____

Product Description:

GE's Refit™ Universal Linear Kit (RUL) is an innovative kit designed to retrofit existing luminaires to efficient LED. This kit provides high uniformity and excellent efficiency. RUL is available in two lengths (2ft. and 4ft.) as well as various lumen and color temperature options. RUL is easy to install and fits into almost any existing linear fluorescent luminaire making it a perfect upgrade option where energy savings and long life are critical.

Product Dimensions:

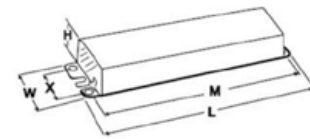
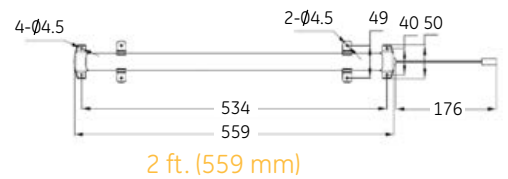


Performance Summary: 2 ft.

Distribution Patterns: Lambertian
Efficacy: 135+ LPW
System Input Power: 30W
Input Voltage: 120-277V
Standard Dimming Control: 0-10V
CCT: 3500K, 4000K & 5000K
Lumens: 4100/4200/4300
Typical CRI: 80
Color Consistency: 4 Step MacAdam Ellipse
Input Frequency (Hz): 50/60Hz
Power Factor: >0.9
Dimensions: See Diagrams to the right
Mounting: Retrofit, Surface
Limited Warranty: 5 Years Standard
Rated Life: L85 @ 50,000 hours
Storage Temperature: -40°C to 70°C
Operating Temperature: -4°F up to 104°F

Performance Summary: 4 ft.

Distribution Patterns: Lambertian
Efficacy: 120+ LPW
System Input Power: 42W
Input Voltage: 120-277V
Standard Dimming Control: 0-10V
CCT: 3500K, 4000K & 5000K
Lumens: 5100/5200/5300
Typical CRI: 80
Color Consistency: 4 Step MacAdam Ellipse
Input Frequency (Hz): 50/60Hz
Power Factor: >0.9
Dimensions: See Diagrams to the right
Mounting: Retrofit, Surface
Limited Warranty: 5 Years Standard
Rated Life: L85 @ 50,000 hours
Storage Temperature: -40°C to 70°C
Operating Temperature: -4°F up to 104°F



L: 9.5in x M: 8.9in x W: 1.3in x H: 1.2in

Certified by:



Please refer to the DLC QPL website for the latest and most complete information.
<http://www.designlights.org/QPL>

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Ordering Information:

RUL **8** **A** **0** **WW** **LB**

PRODUCT ID	LENGTH	CRI (MIN.)	GENERATION	VOLTAGE	NOMINAL LUMENS	CCT (TYP.)	DISTRIBUTION
R = Refit U = Universal L = Linear	24 = 2' Ft. 48 = 4' Ft.	8 = 80 CRI	A = 1st Generation	0 = 120-277V	[WW] = See lumen tables	35 = 3500K 40 = 4000K 50 = 5000K	LB = Lambertian

GE PRODUCT CODE	SKU DESCRIPTION	LENGTH/COLOR TEMP
93060959	RUL248A0WW35LB	2 ft. - 3500K
93060960	RUL248A0WW40LB	2 ft. - 4000K
93060961	RUL248A0WW50LB	2 ft. - 5000K
93060962	RUL488A0WW35LB	4 ft. - 3500K
93060963	RUL488A0WW40LB	4 ft. - 4000K
93060964	RUL488A0WW50LB	4 ft. - 5000K

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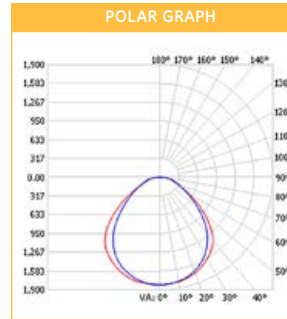


Photometric Data: Lumination™ Refit Universal Linear

RUL-xx-8-A-0-WW-xx-LB

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	171.8
10-20°	496.3
20-30°	756.5
30-40°	904.2
40-50°	874.9
50-60°	666.4
60-70°	391.6
70-80°	226.4
80-90°	85.7

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-30°	1,424.5	N.A.	31.0
0-40°	2,328.7	N.A.	50.7
0-60°	3,870.0	N.A.	84.3
0-90°	713.7	N.A.	15.5
90-120°	323.9	N.A.	7.1
90-130°	3.5	N.A.	0.1
90-150°	4,583.7	N.A.	99.8
90-180°	8.3	N.A.	0.2
0-180°	4,592.0	N.A.	100



Product Specifications:

Construction:

- Lightweight aluminum heat sink is durable
- Quick push in wiring connectors
- Shatterproof polycarbonate tubing

Electrical System:

- Class 2, replaceable, high efficiency LED driver rated for 50,000 hours when used within operating conditions

Installation:

- Quick Retrofit kit installation
- Each Kit comes with a Driver (Qty 1) , LED Tubes (Qty 2), and Driver / Tube Quick connections
- Includes Plastic mounting clips with integrated magnets allow tubes to be easily snapped into the existing housing

Optical System:

- Designed to achieve optimal light distribution and performance

For more information and access to all of our resources, including our design tool visit: www.gelighting.com

LENGTH	CCT	TYPICAL SYSTEM LUMENS	TYPICAL SYSTEM WATTS	LPW	FIXTURE LUMENS TROFFER	LPW	FIXTURE LUMENS LINEAR AMBIENT	LPW
2ft	3500K	4100	30	136	3200	106	3800	126
2ft	4000K	4200	30	140	3300	110	3900	130
2ft	5000K	4300	30	143	3400	113	4000	133
4ft	3500K	5100	42	121	4200	100	4800	114
4ft	4000K	5200	42	123	4300	102	4900	116
4ft	5000K	5400	42	128	4400	104	5100	121

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