

Lumination™ LED Luminaires

LED Recessed Architectural Luminaire

LET14 Series - reveal® with TriGain™ technology



Project name _____

Date _____

Type _____

Product Description:

GE Lumination™ LET Series Recessed Architectural LED Luminaires bring a designer touch to any drop ceiling landscape. For new construction or retrofit, these distinctive luminaires provide a clean, high end architect specified look in an easy-install LED solution. The LET architectural lighting luminaires feature a thin high end closed, non-mitered frame with no light leakage and uniform light across the lens with the express purpose of creating added visual interest. All products have reveal® with TriGain™ technology, an exclusive product offered only by GE...Color without compromise with 90CRI, R9>90 and no compromise in LPW over 80 CRI LED technology.

Performance Summary:

Light Output Range: 3000-4800 lumens

CRI: 90+, R9>90 using reveal® with TriGain™

CCT: 3500K/4000K

Efficacy: 107-115 LPW

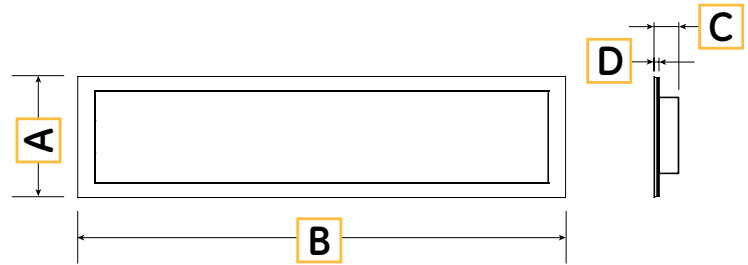
Input Voltage: 120-277V, 347V

Wattage Range: 14-44 watts

Rated Luminaire Lumen Depreciation: L85@50,000 hours

Limited Warranty: 5 Years

Product Dimensions:



A = 11.8in B = 47.8in C = 2.5in D = 0.5in



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



DaintreeNetworks

reveal®
TriGain™
technology from GE

a product of
ecomagination™

Ordering Information:

LET 14 A XX MM LT WHITE

FAMILY	FIXTURE TYPE	GENERATION	VOLTAGE	NOMINAL LUMENS	DISTRIBUTION	CRI/CCT	CONTROLS	MOUNTING	FINISH	OPTIONS
LET = Lumination Edgelit T-Grid	14 = 1'x4'	A = 1st Generation	0 = 120-277V D = 347V	XX = Nominal Lumen Level	MM = Med. Lambertian	T35 = TriGain, 3500K T40 = TriGain, 4000K	VQ = 0-10V Dimming TQ = Daintree Wireless Enabled ¹ TS = Daintree Wireless Enabled with Daintree WFA100	LT = T-Grid	WHITE = White	(blank) = None CP = Chicago Plenum EL = Emergency Light B2 = Emergency Bypass ² - Dual Shunt Relay to be used with building generator backup systems to override dimming

Ordering Notes:

1. Most commonly ordered wireless adapter
2. Contact manufacturer prior to ordering to confirm application

EXAMPLE CONFIGURATIONS	LUMINAIRE LUMENS	LUMINAIRE TOTAL SYSTEM WATTS	LUMINAIRE LPW
LET14A015MMT35VQLTWHITE	1500	14	107
LET14A020MMT35VQLTWHITE	2000	18	111
LET14A030MMT35VQLTWHITE	3000	26	115
LET14A042MMT35VQLTWHITE	4200	37	114
LET14A050MMT35VQLTWHITE	5000	44	114
LET14A015MMT40VQLTWHITE	1500	14	107
LET14A020MMT40VQLTWHITE	2000	18	111
LET14A030MMT40VQLTWHITE	3000	26	115
LET14A042MMT40VQLTWHITE	4200	37	114
LET14A050MMT40VQLTWHITE	5000	44	114

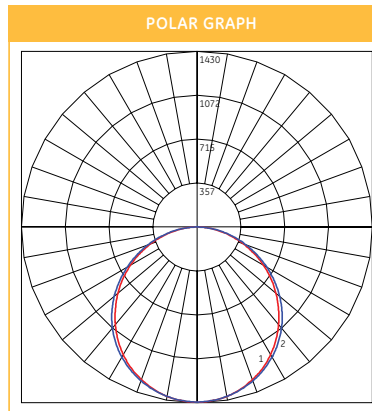
ACCESSORIES	DESCRIPTION CODE	PRODUCT CODE
Drywall mount Kit 1' x 4'	GESK09	69068
1' x 4' Surface Mount kit for Recessed Architectural	A14 SMK	212461



Photometric Data: LET14 Series

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	134.69
10-20	386.73
20-30	588.95
30-40	713.81
40-50	745.18
50-60	679.68
60-70	529.69
70-80	322.99
80-90	97.52
90-100	0.50
100-110	0.00
110-120	0.06
120-130	0.02
130-140	0.06
140-150	0.06
150-160	0.02
160-170	0.01
170-180	0.01

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-20	521.42	N.A.	12.40
0-30	1110.37	N.A.	26.40
0-40	1824.18	N.A.	43.40
0-60	3249.03	N.A.	77.40
0-80	4101.71	N.A.	97.70
0-90	4199.23	N.A.	100.00
10-90	4064.55	N.A.	96.80
20-40	1302.76	N.A.	31.00
20-50	2047.94	N.A.	48.80
40-70	1954.55	N.A.	46.50
60-80	852.68	N.A.	20.30
70-80	322.99	N.A.	7.70
80-90	97.52	N.A.	2.30
90-110	0.51	N.A.	0.00
90-120	0.57	N.A.	0.00
90-130	0.59	N.A.	0.00
90-150	0.71	N.A.	0.00
90-180	0.75	N.A.	0.00
110-180	0.24	N.A.	0.00
0-180	4199.98	N.A.	100.00



Product Specifications:

LED & Optical:

CRIa: >90 using reveal® with TriGain™

R9: >90 reveal® with TriGain™

Color Consistency: Central limit 4-Step MacAdam Ellipse with LED recipe approach for tight unit to unit color control

Rated Luminaire Lumen Depreciation: L85@50,000 Hours

TM-21 LED Calculations:

Estimated Lumen Maintenance: L70 >100,000 hrs

Reported: L85@54,000 hrs

Distribution: Medium Lambertian

Electrical:

Input Voltage: 120-277, 347 VAC

Input Frequency: 50/60Hz

System Power Factor (PF): >0.9*

Total Harmonic Distortion (THD): <20%*

LED Driver Type: Class 2

* PF and THD may vary with options

Ratings & Evaluations:

Operating Temperature: -20°C to +35°C

Storage Temperature: -40°C to +70°C

Surge Protection: ANSI C82.77 Complaint

Location: Damp

Safety: UL/cUL Listed

Environmental: RoHS compliant

Utility: DLC™ Qualified Product Listed, check www.designlights.org/QPL for specific products

Construction & Finish:

Housing: Heavy duty aluminum extrusion with no mitered corners showing and a three dimensional stamped back panel for maximum support.

Lensing: Engineered light guide and lens system

Paint: Matt powder coat finish on housing

Weight: 25 pounds

Design Life & Warranty:

System Warranty: 5 Year

Luminaire Design Lifetime: >10 Years

Driver Design Lifetime: >10 year life of continuous operation, >100,000 hour design parameters

Reliability Testing: Components and systems evaluation

Controls:

Standard Dimming: 0-10VDC ANSI C137.x compliant

Minimum Dimming: 5% of rated lumen LED drive current

Optional Dimming: N/A

Wireless Networking and Sensing Devices: *

Daintree enabled

Daintree Systems (Wireless Only)

Power Addition for Controls: <2 watts

* Contact Factory for specific option availability

Mounting:

Typical Mounting: Fits standard T-Bar grid (drop ceilings)

Wiring Access: ½" trade-size KOs on a removable access plate provided

T-grid Clips: T-grid clips included, with holes for seismic wires

Surface Mounting: Surface mount kit available.

Accessories & Options:

Optional Emergency Battery: Provides 90-minutes of Emergency lighting. **Note,** EL option is not available with 347V option. Initial design lumen output: 750 lumens

Optional Chicago Plenum: Openings in recessed fixture sealed per requirements for CCEA

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

