

Lumination™ LED Luminaires

LED Recessed Architectural Luminaire
LET22 Series - reveal® with TriGain™ technology



Project name _____

Date _____

Type _____

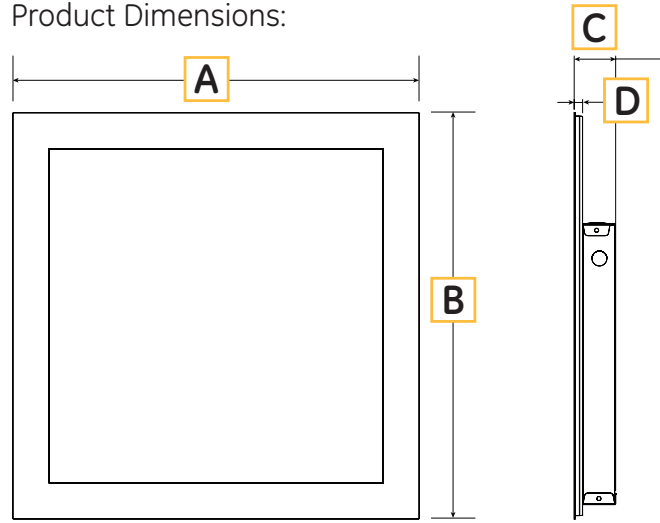
Product Description:

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: 2000-4000 lumens
CRI: 90+, R9>90 using reveal® with TriGain™
CCT: 3500K/4000K
Efficacy: 108-110 LPW
Input Voltage: 120-277V, 347V
Wattage Range: 18.5-36.5 watts
Rated Luminaire Lumen Depreciation: L85@50,000 hours
Limited Warranty: 5 Years

Product Dimensions:



A = 23.8in B = 23.8in C = 2.5in, D = 0.5in



Ordering Information:

LET **22** **A** **XX** **MM** **LT** **WHT**

FAMILY	FIXTURE TYPE	GENERATION	VOLTAGE	NOMINAL LUMENS	DISTRIBUTION	CRI/CCT	CONTROLS	MOUNTING	FINISH	OPTIONS
LET = Lumination Edgellit T-Grid	22 = 2'x2'	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	WHT = 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
LET22A020MMT35VQLTWHTE	2000	18.5	108
LET22A033MMT35VQLTWHTE	3300	30.0	110
LET22A037MMT35VQLTWHTE	3700	33.5	110
LET22A040MMT35VQLTWHTE	4000	36.5	109
LET22A020MMT40VQLTWHTE	2000	18.5	108
LET22A033MMT40VQLTWHTE	3300	30.0	110
LET22A037MMT40VQLTWHTE	3700	33.5	110
LET22A040MMT40VQLTWHTE	4000	36.5	109

ACCESSORIES	DESCRIPTION CODE	PRODUCT CODE
Drywall mount Kit 2' x 2'	GESK07	67657
2' x 2' Surface Mount kit for Recessed Architectural	A22 SMK	212459

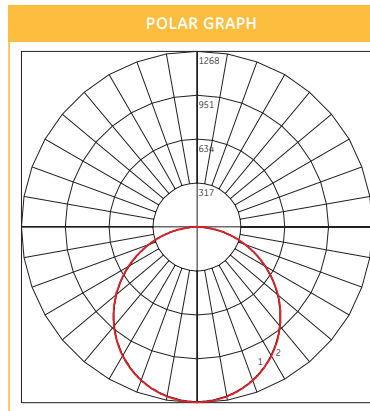
current
powered by GE



Photometric Data: LET22 Series

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	119.70
10-20	342.94
20-30	520.12
30-40	627.96
40-50	653.32
50-60	594.68
60-70	464.18
70-80	283.29
80-90	84.93
90-100	0.08
100-110	0.54
110-120	1.31
120-130	1.62
130-140	1.83
140-150	1.76
150-160	1.18
160-170	0.53
170-180	0.04

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-20	462.64	N.A.	12.50
0-30	982.76	N.A.	26.60
0-40	1610.71	N.A.	43.50
0-60	2858.71	N.A.	77.30
0-80	3606.18	N.A.	97.50
0-90	3691.11	N.A.	99.80
10-90	3571.41	N.A.	96.50
20-40	1148.07	N.A.	31.00
20-50	1801.39	N.A.	48.70
40-70	1712.18	N.A.	46.30
60-80	747.46	N.A.	20.20
70-80	283.29	N.A.	7.70
80-90	84.93	N.A.	2.30
90-110	0.62	N.A.	0.00
90-120	1.93	N.A.	0.10
90-130	3.55	N.A.	0.10
90-150	7.14	N.A.	0.20
90-180	8.89	N.A.	0.20
110-180	8.27	N.A.	0.20
0-180	3700.00	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: 15 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

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