Lumination® LED Luminaires

RPL 24 Series - Refit™ Kit
2' x 4' LED Recessed Luminaire

The Lumination® RPL series is an LED ProLine® contractor grade luminaire for retrofit applications when speed of install and/or the need to avoid disruption above the ceiling plane is desired. The three-part PVR design offers even lower installation costs with switchable lumens. Designed for maximum flexibility with a minimum number of different parts, one product can offer the equivalent of 3 to 12 different SKU's. Field installable accessory kits require no "guessing" what the product needs of your next job will be. The kits are ordered separately and can be installed in less than two minutes.

ProLine®

CONSTRUCTION

Housing:	Durable, long lasting construction. Steel, electrogalvanized, cold-rolled, commercial quality
Optical Assembly:	Precision formed optical lens/diffuser and technically balanced for efficacy, and transmisivity. This offers smooth uniform light (no pixels or stripes) and no dark areas on lens
Paint:	Post painted powder coat matte finish
Weight:	<15 lbs (6.80 kg)

OPTICAL SYSTEM

Lumens:	3150/4150/4950 lumens (Field Switchable)
R9:	>0
Wattage:	27/37.5/44.5 watts
Efficacy:	111 LPW
CCT:	3500K/4000K
CRI:	80+
Color Consistency:	Central limit 4-Step MacAdam Ellipse with LED recipe approach for tight unit to unit color control

ELECTRICAL

Input Voltage:	120-277V, 347V (using an accessory kit)
Input Frequency:	50/60 Hz
Power Factor (PF)*:	>0.9
Total Harmonic Distortion (THD)*:	<20%
LED Driver Type:	Class 2
Surge Protection:	ANSI C82.77 Compliant

* PF and THD may vary with options

CONTROLS

Dimming:	0-10V, 10% ANSI C137.x compliant

LUMEN AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	-20°C to +35°C (-4°F to +95°F)
STORAGE TEMPERATURE	-40°C to +70°C (-40°F to +158°F)

LUMEN MAINTENANCE

TM-21 LED Lumen Maintenance Data:

ESTIMATED LXX(10K) @ HRS 100,000 HR	REPORTED LXX(10K) @ HRS 60,000 HR	LXX(10K) @ HOURS 50,000 HR
L91	L94	L70

MOUNTING

- Fits standard T-Bar grid luminaires (dropceilings)

DESIGN LIFE & WARRANTY

- Current's Limited 5-year Warranty: Please refer to document **IND599** for more information.
- Reliability Testing: Components and systems evaluation

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Ordering Information

CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

Ordering Information[1] :

RPL 24 A 0 4X MM 8 VQ RM WHTE __ __

FAMILY	FIXTURE TYPE	GENERATION	VOLTAGE	NOMINAL LUMENS	DISTRIBUTION	CRI/CRT	CONTROLS[2]	MOUNTING	FINISH	OPTIONS[3]
RPL = Refit™ Panel Light	**24** = 2' X 4'	**A** = 1st Generation	**0** = 120-277V	**4X** = Nominal Lumen Level	**MM** = Med. Lambertian	**8** = 80CRI **35** = 3500K **40** = 4000K	**VQ** = 0-10V Dimming	**RM** = Refit Mount	**WHTE** = White	All options are ordered separately as accessories, please see below

PERFORMANCE TABLE

EXAMPLE CONFIGURATION	LUMINAIRE LUMENS (SWITCHABLE[4])	LUMINAIRE TOTAL SYSTEM WATTS	LPW	QUICKSHIP
RPL24A04XMM835VQRMWHTE	3150/4150/4950	27/37.5/44.5	111	1-100 Units
RPL24A04XMM840VQRMWHTE	3150/4150/4950	27/37.5/44.5	111	1-100 Units

ORDERING NOTES:

1. All RPL units are prices as single units and must be ordered as single units in even quantities as this product is packed two per box. It should be noted in receiving documents that one box has two units and should be received as two units.

2. See accessories for wireless and sensor options.

3. All options are accessories that are quickly and easily attached and/or wired to the luminaire in the field by the installer.

4. Fixture is field configurable for three different lumen/wattage levels with a switch. Switch default is the middle level (4150 Lumens, 37.5 Watts).

ACCESSORIES (ORDERED AND SOLD SEPARATE)	DESCRIPTION CODE	PRODUCT CODE
347V kit	LFAMBADVQRM	93105260
EMBB kit (Provides 90-minutes of Emergency lighting), test switch is remote mounted and can be mounted in a ceiling tile next to the fixture.	LFAMBA0VQRMEL	93105261
Wireless Enabled, Daintree Compatible kit (most commonly used option for Daintree)	LCAMBA0TQRM	93105263
Wireless Enabled, Daintree Compatible with Daintree WFA 100 kit (allows for field connectivity to remote sensor)	LCAMBA0TSRM	93105262
Wireless Enabled, Daintree Compatible + EMBB kit	LCAMBA0TQRMEL	93105265
Wireless Enabled, Daintree Compatible with Daintree WFA 100 + EMBB kit	LCAMBA0TSRMEL	93105264
Wireless Enabled, Daintree Compatible with Daintree WFA 100 + Emergency Bypass kit (Dual Shunt Relay to be used with building generator backup systems to override dimming - Contact manufacturer prior to ordering to confirm application)	LCAMBA0TSRMB2	93105366
Digital Input Driver (does not have 0-10v input) that uses a field installed accessory (in the ceiling -not the fixture) that is Daintree compatible such as EZ Connect or Enterprise sensors	LCAMBA0SQRM	93105368
REPLACEMENT DIFFUSER(10 PACK)	RPL24A	93106304

SENSOR KIT	PRODUCT CODE
Daintree One/EZ Connect: LSAATT/T1FM6 (WIT100 Sensor Kit)	93098472
Daintree Enterprise: LSAATZFM6(WIZ100 Sensor Kit)	93098473
Daintree Ent. Multi Sensor: LSAATMFM6 (WMZ10 Sensor Kit)	93119594

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Dimensions & Photometric Data

CUSTOMER NAME

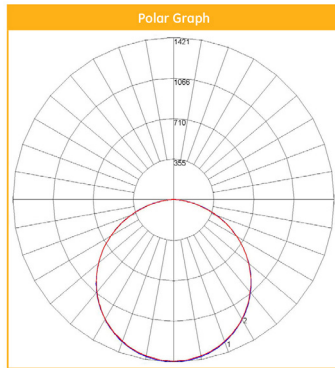Project Name _____

Date _____ Type _____

Catalog Number _____

PRODUCT DIMENSIONS MM (INCHES):
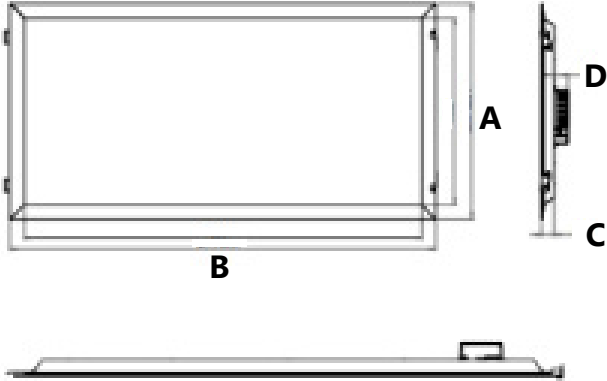
A	B	C	D
22.99 In	43.44 In	1.34 In	2.28 In

PHOTOMETRIC DATA: RPL SERIES

RPL Series 2' x 4'
80+ CRI
3500K/4000K
4150LM
RPL24A04XMMXXXXXRMWHTE

Polar Graph

ZONE	LUMENS
0-10	134.12
10-20	385.06
20-30	586.46
30-40	712.05
40-50	744.66
50-60	678.10
60-70	519.89
70-80	300.56
80-90	85.05
90-100	0.86
100-110	0.44
110-120	0.41
120-130	0.43
130-140	0.51
140-150	0.50
150-160	0.44
160-170	0.31
170-180	0.12

ZONE	LUMENS	% OF FIXTURE
0-20	519.18	12.50
0-30	1105.64	26.60
0-40	1817.69	43.80
0-60	3240.44	78.10
0-80	4060.89	97.90
0-90	4145.94	99.90
10-90	4011.83	96.70
20-40	1298.51	31.30
20-50	2043.17	49.20
40-70	1942.64	46.80
60-80	820.45	19.80
70-80	300.56	7.20
80-90	85.05	2.00
90-110	1.30	0.00
90-120	1.70	0.00
90-130	2.14	0.10
90-150	3.15	0.10
90-180	4.02	0.10
110-180	2.72	0.10
0-180	4149.96	100.00

CUSTOMER NAME

Project Name _____

Date _____   Type_____

Catalog Number _____

DAINTREE CONTROLS

Daintree® Wireless Controls:
There is no one size fits all for wireless controls. Some networks want simple solutions that reduce energy consumption and meet code compliance while others are more ambitious, looking to capitalize on the LED and controls savings to fund a scalable, enterprise-grade, internet of things solution. The advantage of the Daintree® Wireless platform is it's ability to integrate into indoor, outdoor and high bay environments. The Daintree® Wireless Controls provide the infrastructure to future proof your buildings, easily upgrade to Networked solutions and provide the ability to integrate into IoT solutions that are right for your business.

- Daintree® One: Standalone Wireless Controls
- Daintree® EZ Connect: Room-Based Wireless Lighting Controls
- Daintree® Networked: Networked Lighting Controls for Smart Building & IoT Enablement.

Note: For networked solutions, use the LVT/LVR series products.
Daintree® Wireless Controls are already integrated in your favorite Current LED fixtures. Integrating the controls into the fixture cuts labor costs considerably since the sensors are already embedded in the lighting fixtures. There's no need to get above the ceiling plenum and install additional devices. Visit our website https://products.gecurrent.com for a complete list of LED Fixtures.

ProLine®
Every contractor deserves a
Fast, Reliable, and Trusted Lighting Partner

For Product or Technical Questions:
Email: lightingprodinfo@gecurrent.com
Phone: +1 888 694 3533, option 2

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