

# ProLine® LWS Series

Switchable Wrap Surface Mount  
2ft & 4ft Narrow and Wide



CUSTOMER NAME \_\_\_\_\_

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

The ProLine® LWS series is an LED contractor grade wrap surface mount luminaire ideal for commercial or industrial applications. Designed for maximum flexibility with switchable lumens and CCT, one product can offer the equivalent of 9 different SKU's. Field installable accessory kits require no "guessing" what the product needs of your next job will be. LWS has a minimum five year design life with a non-glare diffuser for those with first cost needs. Available in Narrow and Wide configurations, LWS is suitable for indoor general lighting on both new construction and retrofit solutions.

## CONSTRUCTION

**Housing:** Die-formed heavy-gauge steel. With smooth hemmed sides for safe handling.

**Lens:** Precision formed optical assembly comprised of high specularity reflectors, and a transmissive lens.

**Weights:** <10 lbs

## OPTICAL SYSTEM

**Lumens:** Up to 5130 lumens

**Wattage:** Up to 38W

**Efficacy:** Up to 136 LPW

**CCT:** 3500K/4000K/5000K (Field Switchable)

**CRI:** 80+, R9>0

## ELECTRICAL

**Input Voltage:** 120-277V

**Input Frequency:** 50/60Hz

**Standard Dimming Control:** 0-10V, Dimming

**Power Factor (PF)\*:** > 0.90

**Total Harmonic Distortion (THD)\*:** <20%

\* PF and THD may vary with options

## CONTROLS

**Dimming:** Standard - 0-10V, Dimming

## AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	0°C TO +25° C

## LUMEN MAINTENANCE

LXX(10K) @ Hours 50,000 HR
L70

## MOUNTING

- Surface Mount w/ pre-drilled mounting holes
- Drivers and internal components accessed via bottom of luminaire.
- Ideal for industrial and commercial applications as well as stairwells, offices, and storage locations.

## DESIGN LIFE & WARRANTY

- Damp Location rated
- UL/cUL Certified
- RoHS compliant
- ANSI C82.77 Compliant
- Current's Limited 5-year Warranty:  
Please refer to document **IND599** for more information.

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## Switchable Wrap Surface Mount

### 2ft & 4ft Narrow and Wide

### Ordering Information

#### CUSTOMER NAME

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### Ordering Information

**LWS**    **A**    **0**    **MM**    **8XX**    **VQ**    **SM**    **WHITE**

FAMILY	FIXTURE TYPE	GENERATION	VOLTAGE	NOMINAL LUMENS	DISTRIBUTION	CRI/CCT	CONTROLS	MOUNTING	FINISH	OPTIONS
LWS = ProLine® Wrap Mount Switchable	2N = 2' Narrow (8") 2W = 2' Wide (13") 4N = 4' Narrow (8") 4W = 4' Wide (13")	A = 1 <sup>st</sup> Generation	0 = 120-277V	3X = 2' Nominal Lumen Level 4X = 4' Nominal Lumen Level (middle level is the default for both lengths)	MM = Medium Lambertian Frosted Diffuser	8 = 80 CRI 3500/4000/5000K Switchable (4000K is default)	VQ = 0-10V (10%) Dimming	SM = Surface Mount	WHITE = White	(blank) = None



EXAMPLE CONFIGURATIONS	DESCRIPTION	LUMINAIRE LUMENS (@4000K & MIDDLE LUMENS)	LUMINAIRE TOTAL SYSTEM WATTS	EFFICACY (LPW)
LWS2NA03XMM8XXVQSMWHITE	2N = 2' Narrow (8")	2360/3740/4420	20/32/38	118/117/116
LWS2WA03XMM8XXVQSMWHITE	2W = 2' Wide (13")	2670/4230/5050	20/32/38	134/132/133
LWS4NA04XMM8XXVQSMWHITE	4N = 4' Narrow (8")	2430/3850/4540	20/32/38	122/120/119
LWS4WA04XMM8XXVQSMWHITE	4W = 4' Wide (13")	2710/4300/5130	20/32/38	136/134/135

DETAILS AT ALL SWITCH SETTINGS				
FIXTURE TYPE	WATTAGE	3500K LUMENS/LPW	4000K LUMENS/LPW	5000K LUMENS/LPW
LWS 2FT Narrow	38	4240/112	4420/116	4420/116
	32	3590/112	3740/117	3740/117
	20	2260/113	2360/118	2360/118
LWS 2FT Wide	38	4850/128	5050/133	5050/133
	32	4060/127	4230/132	4230/132
	20	2560/128	2670/134	2670/134
LWS 4FT Narrow	38	4360/115	4540/119	4540/119
	32	3690/115	3850/120	3850/120
	20	2330/117	2430/122	2430/122
LWS 4FT Wide	38	4920/129	5130/135	5130/135
	32	4130/129	4300/134	4300/134
	20	2600/130	2710/136	2710/136

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**Dimensions & Photometrics**

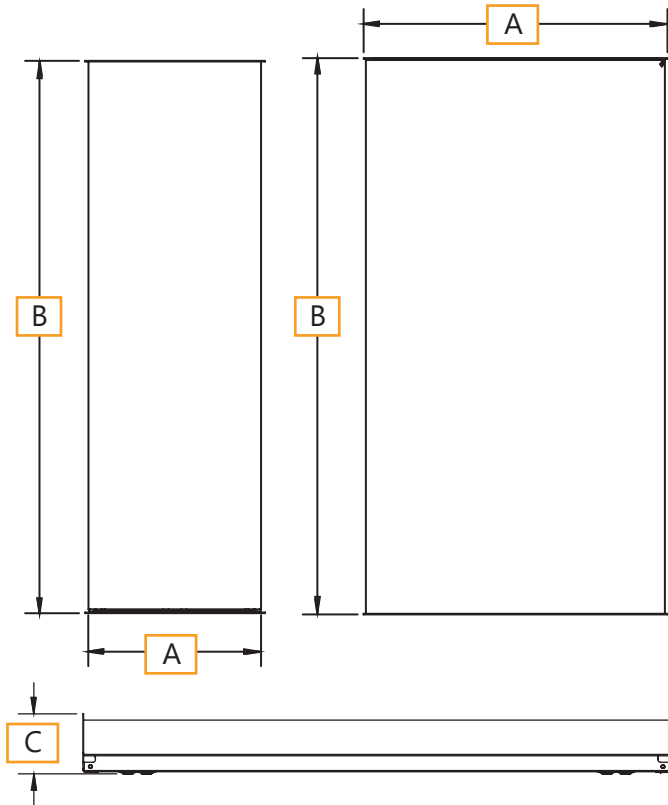
## CUSTOMER NAME

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

## DIMENSIONS

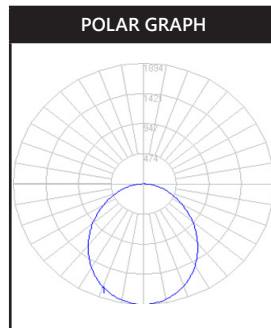


### DIMENSIONS

Model	Dimensions (A x B x C)
2N = 2' Narrow	A = 8 in (203mm) B = 24 in (609.6mm) C = 2.5 in (63.5mm)
2W = 2' Wide	A = 13 in (330mm) B = 24 in (609.6mm) C = 2.5 in (63.5mm)
4N = 4' Narrow	A = 8 in (203mm) B = 48 in (1219.2mm) C = 2.5 in (63.5mm)
4W = 4' Wide	A = 13 in (330mm) B = 48 in (1219.2mm) C = 2.5 in (63.5mm)

## PHOTOMETRICS

High Power Wide Distribution  
4000K  
LWS4WA04XMM8XXVQSMWHITE



ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	178
10-20	504
20-30	743
30-40	858
40-50	845
50-60	730
60-70	551
70-80	348
80-90	153
90-100	60
100-110	50
110-120	40
120-130	29
130-140	20
140-150	12
150-160	6
160-170	2
170-180	1

ZONAL LUMEN SUMMARY		
Zone	Lumens	% of Fixture
0-20	682	13.3
0-30	1425	27.8
0-40	2283	44.5
0-60	3858	75.2
0-80	4757	92.7
0-90	4910	95.7
10-90	4732	92.2
20-40	1601	31.2
20-50	2446	47.7
40-70	2126	41.4
60-80	899	17.5
70-80	348	6.8
80-90	153	3
90-110	111	2.2
90-120	150	2.9
90-130	179	3.5
90-150	210	4.1
90-180	220	4.3
110-180	109	2.1
0-180	5130	100

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**Options**

## AGENT/DISTRIBUTOR NAME-LOGO

Project Name \_\_\_\_\_

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## 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 its 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.

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.

### For Product or Technical Questions:

Email: [lightingproinfo@gecurrent.com](mailto:lightingproinfo@gecurrent.com)

Phone: +1 888 694 3533, option 2



## ProLine®

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

**GE current**  
a Daintree company

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