

LS411LED Omnio Mini

Wallmount



The LS411LED is a compact, adjustable luminaire featuring an integral line voltage driver and a wide range of adjustability for direct and indirect lighting applications. The epoxy coated, marine grade aluminum construction ensures a long service life, even in harsh environments.

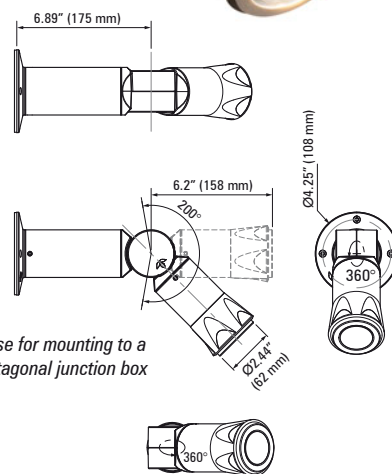
Specifications

Lamp Source	9 W or 15 W LED
	□ White (4 300 K typical)
	■ Warm white (3 000 K typical)
	■ Blue (470 nm)
	Other colors by request
	■ RGB
Approved Use	Suitable for wet locations
Control Options	PWM
IP Rating	IP67
Construction	LM20 die-cast marine grade powder coated aluminum
Installation Types	Surface mount Pole mount Signage mount
Remote Transformers / Power Supplies	Refer to Technical Data section for application specific options
<i>Order separately</i>	
Ambient Operating Temperature	-22 °F to 122 °F (-30 °C to +50 °C)
Photometrics	Refer to www.lumascape.com

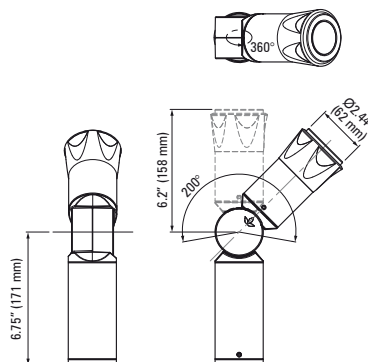
Any luminaire can become hot - take care with appropriate use and placement



LS411LED Omnio Mini



Type "A" base for mounting to a 4" round/octagonal junction box



Type "B" base for use with all mounting accessories

LS411LED									
LAMP				OPTICAL SYSTEM				INPUT VOLTAGE	
Description	Wattage	Color	Code	Beam		Code	Voltage		Code
LED	9 W	White (4 300 K typ.)	9W4	Narrow Medium	25°	NM	120-277 V, 50/60 Hz		09 ⁽¹⁾
		Warm white (3 000 K typ.)	9H6	Medium	30°	ME ⁽¹⁾	12-15 V, 60 Hz or 12-24 V DC		13 ⁽¹⁾⁽²⁾
		Blue (470 nm)	9B4	Linear	20° x 40°	LN	PWM Dimmable Driver, 12-15 V, 60 Hz or 12-24 V DC		13-DIM ⁽²⁾
		RGB	9M4						
	15 W	White (4 300 K typ.)	15W4						
		Warm white (3 000 K typ.)	15H6						
		Blue (470 nm)	15B4						
MOUNTING									
Description						Code			
4" junction box mount						A			
Pole clamp LS6023-1 or LS6023-2 required						B			
Signage mount LS6025 required									
Accessories must be ordered separately									
FINISH									
Description		Material	Code						
Black, powder coated		Aluminum	CB						
White, powder coated		Aluminum	CW						
Silver, powder coated		Aluminum	CS						

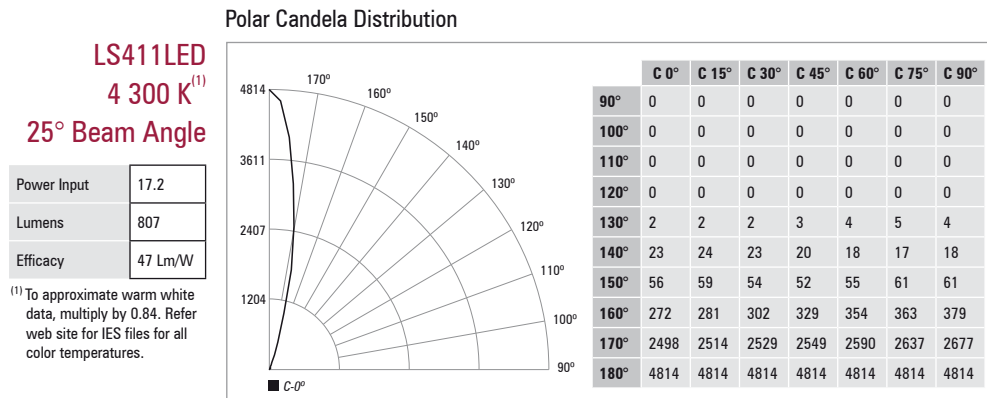
Dimmable Wiring Diagram Reference

Input Voltage	LED Color	Control Type	Wiring Diagram
13-DIM	Single Color	PWM	6
13-DIM	RGB	PWM	9

Photometrics

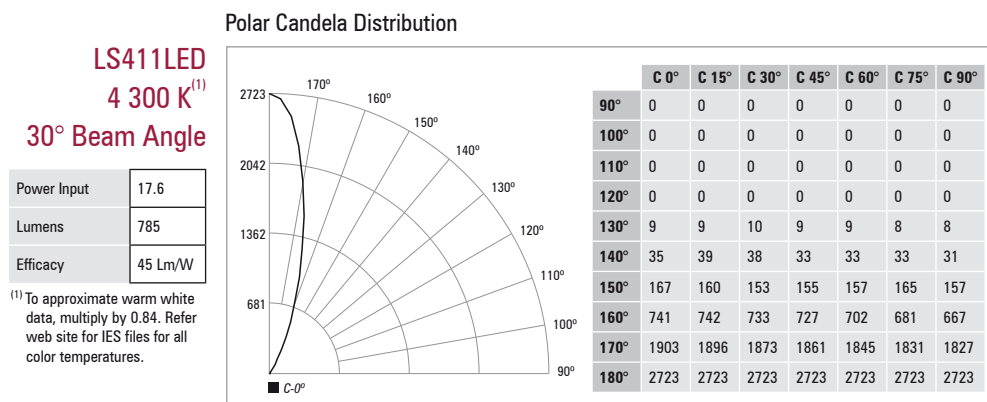
Photometric data is based on test results from a NIST traceable testing lab. IES data is available at www.lumescape.com.

Note: No depreciation factor is applied to the data shown.



Illuminance at a Distance

ft	Center Beam fc	Beam Ø
5	192.6	2 ft
10	48.1	4 ft
15	21.4	7 ft
25	7.7	11 ft
30	5.3	13 ft
40	3	18 ft
50	1.9	22 ft



Illuminance at a Distance

ft	Center Beam fc	Beam Ø
5	108.9	3 ft
10	27.2	5 ft
15	12.1	8 ft
25	4.4	13 ft
30	3	16 ft
40	1.7	21 ft
50	1.1	27 ft

Mounting Option Accessories - Use with type "B" base only

LS6025 Signage Mount
(consult factory for details)

LS6023-1 Pole Clamp

LS6023-2 Double Pole Clamp

ACCESSORY

Description	Code
Signage mount	LS6025
Pole clamp	LS6023
Double pole clamp	LS6023-2

FINISH

Description	Code
Black, powder coated	CB
White, powder coated	CW
Silver, powder coated	CS

Diagram 6 - 0-10 V Dimming - Low Voltage LED Luminaire on 12-15 V AC or 24 V DC Circuit

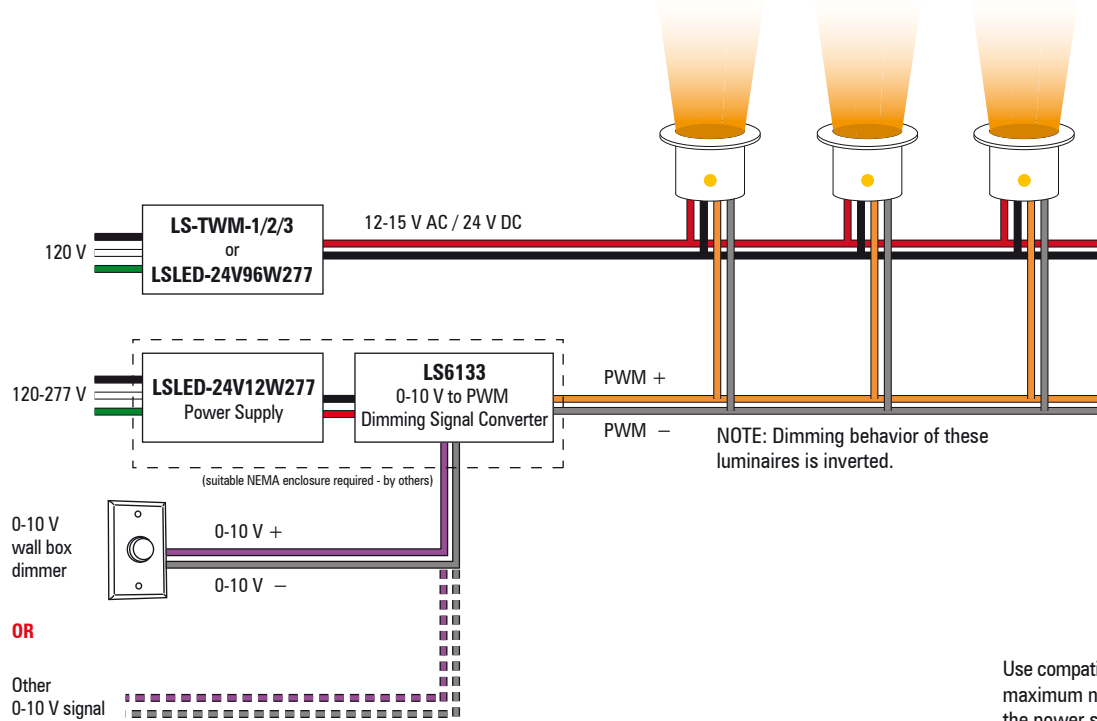
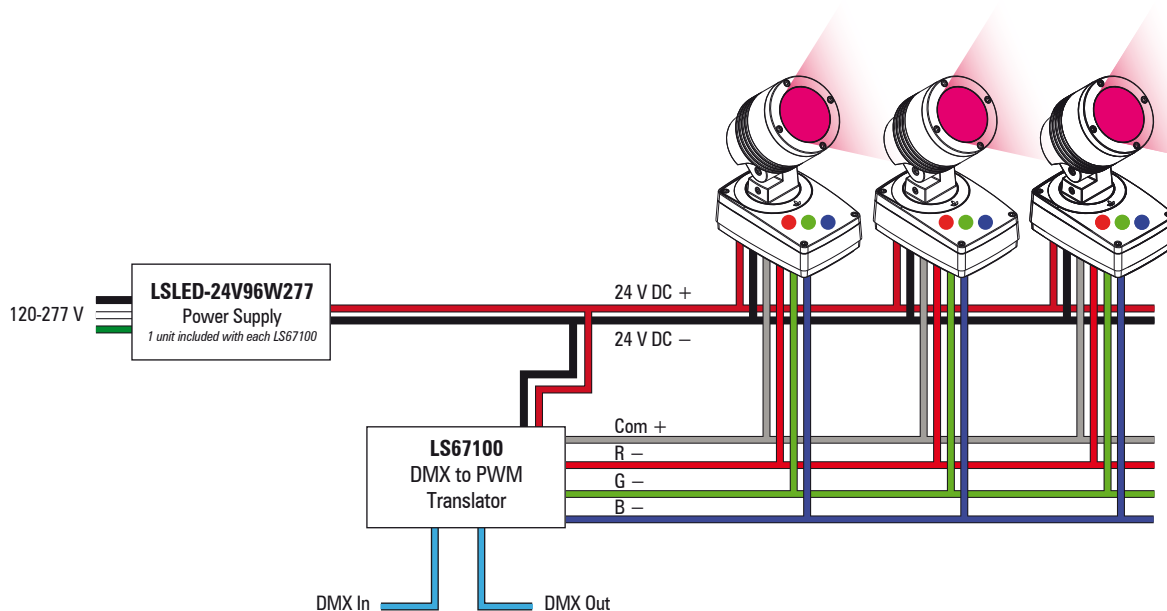


Diagram 9 - RGB via DMX for Low Voltage LED Luminaire on 24 V DC Circuit



NOTE: The above diagrams are intended to show electrical pathways between luminaires and ancillary devices. These diagrams are not intended to show type or color of cord/wire, wire gauge or approved use of the cord/wire supplied with luminaires.

Consult the luminaire-specific cutsheet or the factory for detailed specifications.

Transformers and Power Supplies for Low Voltage LED Luminaires

The following list of transformers and power supplies are for use with luminaires specifically described as being compatible with either 12 V AC (wirewound only) transformers or with 12-24 V DC power supplies. Compatibility will be noted in the ordering code of the luminaire concerned, and will typically be referenced by Voltage Code '13' or '13-DIM'. In the case of '13-DIM' additional components may be required. Refer to the applicable wiring diagram/s.

Compatibility with each transformer or power supply is indicated by the value mentioned, representing the maximum number of luminaires that may be powered from each transformer or power supply. Please note, this does not take into consideration voltage drop or ampacity limits of the branch circuit. For assistance, please contact factory.

	Wall Mounted Landscape Lighting Transformers			Wall Mounted Transformers				Class 2 Power Supply	Direct Burial Transformer
	LS-TWM-1-300	LS-TWM-2-600	LS-TWM-3-900	LS-TWM-50	LS-TWM-100	LS-TWM-150	LS-TWM-250	LSLED-24V96W277	LS-TDB1-300
Input Voltage	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120-277 V, 50/60 Hz	120 V, 60 Hz
Output Voltage	12/13/14/15 V 60 Hz	12/13/14/15 V 60 Hz	12/13/14/15 V 60 Hz	12 V, 60 Hz	12 V, 60 Hz	12 V, 60 Hz	12 V, 60 Hz	24 V DC	12.5 V, 60 Hz
Wattage	1 x 300 W circuit	2 x 300 W circuits	3 x 300 W circuits	50 W	100 W	150 W	250 W	96 W	300 W
LS411LED, 9 Watt								7	

Class 2 LED Power Supplies

LSLED-24V96W277

Electronic DC power supply - wall mounted

Input	120-277 V, 50/60 Hz		
Rating	96 W / 4 A		
Output	24 V DC		
Output Circuits	1		
Approvals	CSA, CSA-US		
Location	Wet location		
Dimensions	H 12.32" (313 mm)	W 2.54" (65 mm)	D 1.67" (42 mm)
Weight	2 lb (0.9 kg)		

LSLED-24V12W277

Electronic DC power supply - NEMA enclosure required (by others)

Input	120-277 V, 50/60 Hz		
Rating	12 W / 0.5 A		
Output	24 V DC		
Output Circuits	1		
Approvals	UL, CUL Recognized, Class 2		
IP rating	IP66		
Location	Wet location		
Dimensions	H 3.35" (85 mm)	W 1.42" (36 mm)	D 0.91" (23 mm)
Weight	0.282 lb (0.1 kg)		

Control Related Equipment

LS6133

0-10 V to PWM translator - NEMA enclosure required (by others)

Input	24 V DC		
Rating	96 W max		
Output	4 A max		
Output Circuits	1		
Approvals	UL, CUL Recognized, Class 2		
IP Rating	IP66		
Dimensions	H 5.2" (132 mm)	W 1.3" (33 mm)	D 1" (25 mm)
Weight	0.2 lb (0.1 kg)		

LS67100

DMX to PWM translator - dry location only

Input	24 V DC		
Rating	4 x 60 W max		
Output	4 x 2.5 A max		
Output Circuits	4		
Approvals	UL, CUL		
IP Rating	N/A		
Dimensions	H 11.25" (286 mm)	W 4.6" (117 mm)	D 3.2" (82 mm)
Weight	0.5 lb (0.2 kg)		