

ADVANCED HIGH CEILING

# Lance 6 - RGB Uplight / White Downlight



## High Performing Outdoor Luminaire

Built to last, the Lance 6 is a 6-inch round outdoor wall mount cylinder with a combined lumen package range from 3,430 lm to 10,018 lm. Available in a variety of configurations, this IP 65 rated luminaire has W+RGB color tuning technology to make a bold architectural statement.

Quantity	Type
Project	Note

### Electrical System

- 4287 lm (60W) Uplight: 30W / Downlight: 30W
- Power Input: Universal (120/277V)
- Operating Temperature: 14°F~104°F
- Surge Protection: 2.5KV

### LED Technology

- Downlight: 2700K, 3000K, 3500K, 4000K
- Uplight: Wavelength R 645 nm, G 520 nm, B 445 nm
- 85 CRI, 93 CRI
- Beam Angle:  
Down: 40°, 60°, WD  
Up: 40°, 60°, WD
- Rated Life > 60,000 Hours (L70)

### Housing

- Diameter: 1.5" (40mm)
- Height: 8.5" (216.5mm)
- Material: Aluminum
- Weight: 1.3 l

### Warranty

- 5year limited warranty

### Listing

- ETL Wet Location Listed
- IP65

### Advanced Dimming

(Proprietary VX Driver is incorporated to all dimming options for video flicker-free lighting)

- DMX: high resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)



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**How to Specify:**

**Ordering Example: LA6-60-408RGB-UNV-SPV-4040-BLK-OUT-FW**

**4-5 weeks lead time on over 75% of specifications.**

Model	Wattage	CCT / CRI	Voltage
<b>LA6</b>			<b>UNV</b>
LA6 Lance 6	<b>60</b> Downlight: 30W Uplight: 30W  NOTE: Contact Factory for only downlight option	Downlight <b>278</b> 2700K / CRI85 <b>308</b> 3000K / CRI85 <b>358</b> 3500K / CRI85 <b>408</b> 4000K / CRI85 <b>279</b> 2700K / CRI93 <b>309</b> 3000K / CRI93 <b>359</b> 3500K / CRI93 <b>409</b> 4000K / CRI93 Uplight <b>RGB</b> RGB	<b>UNV</b> 120/277V

Dimming	Beam Angle	Color	Finish	Accessories
<b>DMX</b> DMX dims to 0.1%	Downlight <b>40</b> 40° <b>60</b> 60° <b>WIDE<sup>1</sup></b> WIDE Uplight <b>40</b> 40° <b>60</b> 60° <b>WIDE<sup>1</sup></b> WIDE  <sup>1</sup> Please factor in change in lumen output of -12%	<b>BLK</b> Black <b>WHT</b> White <b>GRY</b> Gray <b>BRZ</b> Bronze   BLK WHT GRY BRZ	<b>OUT</b> Outdoor <b>NAT</b> Natatorium Rated <b>MAR</b> Marine Finish	<b>FW<sup>1</sup></b> Forward Throw <b>WW<sup>1</sup></b> Wall Wash 20° <b>LL<sup>1</sup></b> Linear Lens  <sup>1</sup> Please factor in change in lumen output of -20%

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## Delivered Lumens\*

Uplight	Color	R	G	B
	Wattage	30W	150 lm	1010 lm

Downlight	CCT	2700K	3000K	3500K	4000K
	Wattage	30W	2661 lm	2890 lm	2960 lm

\*Tolerance ± 8%

## Current Consumption

Wattage	120V	277V
60W	0.55A	0.24A

## DMX Requirements\*

The Lance 6 RGB Uplight fixture with DMX is a **FOUR CHANNEL DMX unit**.

When placing order, please indicate DMX address.

Fixture	DMX Address			
	Uplight			Downlight
	Red Control (ex. X)	Green Control (ex. X+1)	Blue Control (ex. X+2)	White Control (ex. X+3)
#1	1	2	3	4
#2	5	6	7	8
#3	9	10	11	12

- When placing order, please indicate DMX address. (The DMX address will be listed on the back of the fixture.)
- The LED fixture will have 2 DMX positive / Negative wires for connection.
- The final fixture should be terminated by the use of DMX Terminator (by others).

## Compatible DMX Cabling List

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 for DMX installation. Belden 9729 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed. Below is a list of other compatible Belden cables.

**Dimensions**

