

# LANCE 6

## ARCHITECTURAL GRADE OUTDOOR WALL LUMINAIRE

### Housing

Diameter : Ø6.4" | Height : 20" | Weight : 15.2 lbs

### Material

Housing: Extruded Aluminum

Lens: Tempered Glass

### Power Input

Downlight: 30W | 120-277V

Uplight: 30W | 120-277V

### Lumen Output

Downlight: 1,075 lm (30W/RGB)

Uplight: 1,075 lm (30W/RGB)

### Dimming

DMX: High resolution dims to 0.1%

### Color Quality

CRI 85

### Rated Life

> 100,000 Hours (L70)

### Finish



Black



White



Gray



Bronze

### Color Temperature



+



Archi-Color™ W+RGB

3000K

### Optics



40°



60°



Wide

### Warranty

5 Year limited warranty

### Listing



## SPECIFICATION SHEET Archi-Color™ W+RGB UP & DOWN

## Designed for Timeless Exteriors

This 6-inch round wall mount cylinder boasts an impressive lumen of 2,150 lm, providing exceptional illumination while making a bold architectural statement. Paired with Archi-Color™ W+RGB color tuning technology to let your spaces come alive after dark.

The IP65 rated Lance 6 ensures durability and reliability in all outdoor environments, making it the ideal choice for accentuating architectural features and enhancing outdoor facades.



# METEOR

[meteor-lighting.com](https://meteor-lighting.com)

## SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

LA6	MODEL	LANCE 6		
60	WATTAGE	60 Downlight: 30W Uplight: 30W		
308C	CCT / CRI	308C <sup>1</sup> 3000K +RGB / CRI 85 Archi-Color™ W+RGB		
UNV	VOLTAGE	UNV 120-277V		
DMX	DIMMING	DMX <sup>2</sup> DMX dims to 0.1%		
<input type="text"/>	BEAM ANGLE	Downlight		
<input type="text"/>		40 40°	60 60°	WD <sup>3</sup> Wide
<input type="text"/>	BEAM ANGLE	Uplight		
<input type="text"/>		40 40°	60 60°	WD <sup>3</sup> Wide
<input type="text"/>	FINISH	BLK Black BRZ Bronze	WHT White	GRY Gray
<input type="text"/>	ACCESSORIES	NO No Accessories LL <sup>4,6</sup> Linear Lens	FW <sup>4,5</sup> Forward Throw	WW <sup>4,6</sup> Wall Wash 20°
<input type="text"/>	RATING	OUT <sup>7</sup> Outdoor Rating	NAT <sup>8</sup> Natatorium Rating	MAR <sup>9</sup> Marine Rating

<sup>1</sup> 308C already includes Archi-Color™ W+RGB downlight and uplight, cannot be paired with a different uplight option. No dual switching option. Please contact factory for different up/down CCT options

<sup>2</sup> Only available with 4 channels, RGBW channels are controlled together

<sup>3</sup> Please factor in change in lumen output with WD -20%

<sup>4</sup> Please factor in change in lumen output of -20%

<sup>5</sup> Not compatible with 60° and WD option

<sup>6</sup> Not compatible with WD option

<sup>7</sup> Outdoor Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long-term operation in outdoor environments

<sup>8</sup> Natatorium Rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long-term exposure to chlorine vapors

<sup>9</sup> Marine Rating: Uses high corrosion-resistant materials for the coating and sealant to prevent damage from long-term exposure to saltwater environment

## TECHNICAL DETAILS

## Electrical

- Downlight: 1,075 lm (30W/RGB)
- Uplight: 1,075 lm (30W/RGB)
- Power Input: Universal (120/277V)
- Operating Temperature: 14°F~104°F
- Surge Protection: Built-in is 2.5KV

## LED Features

- Color Temperature: 3000K + Archi-Color™ W+RGB
- Wavelength: R 645 nm, G 520 nm, B 445 nm
- CRI 85
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

## Optics

- Precision molded high transmittance clear PC lens
- Beam Angle: Uplight & Downlight 40°, 60°, Wide

## Advanced Dimming

- Proprietary VX Driver™ is incorporated to all dimming options for video flicker-free lighting
- DMX: High resolution dims to 0.1% (Up/Down dims together) (Supports ANSI E1.20 RDM protocol)

## Housing

- Diameter: Ø6.4"
- Height: 20"
- Material: Extruded Aluminum, Tempered Glass
- Weight: 15.2 lbs

## Warranty

- 5-year limited warranty

## Listing

- ETL Wet Location Listed
- CE
- FCC
- IP 65

## PERFORMANCE SUMMARY\*

Lumen Performance(W+RGB)				
	R	G	B	W
Downlight (30W)	75lm	505lm	60lm	1,075lm
	R	G	B	W
Uplight (30W)	75lm	505lm	60lm	1,075lm

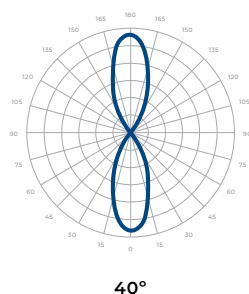
\*Beam Angle: 40° \*Tolerance ±8%

Current Consumption		
WATTAGE / VOLT	120V	277V
60W	0.55A	0.24A

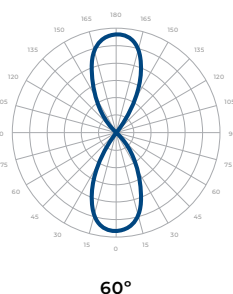
Wattage (W+RGB)				
Channel Fixture Wattage	R	G	B	W
Downlight (30W)	5W	5W	5W	15W
Uplight (30W)	5W	5W	5W	15W

## PHOTOMETRICS

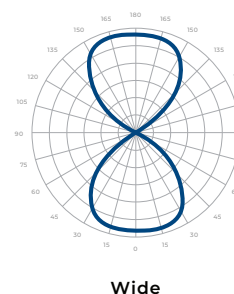
Below is a typical photometric representation of the Lance 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



Wide

## DMX REQUIREMENTS

The Lance 6 Archi-Color™ W+RGB fixture with DMX is a **four channel dmx** unit. The downlight and uplight are controlled **together**. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

DMX Address				
Fixture	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

The fixture can be connected with 2 DMX positive / negative wires for connection. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

## 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 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

## DIMENSIONS

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