

# 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: 1,280 lm (30W/RGB)

Uplight: 3,005 lm (30W)

### Dimming

DMX: High resolution dims to 0.1%

### Color Quality

CRI 85, CRI 93

### Rated Life

> 100,000 Hours (L70)

### Finish



Black



White



Gray



Bronze

### Color Temperature



2700K



3000K



3500K



4000K



Archi-Color™  
RGB

### Optics



40°



60°



Wide

### Warranty

5 Year limited warranty

### Listing

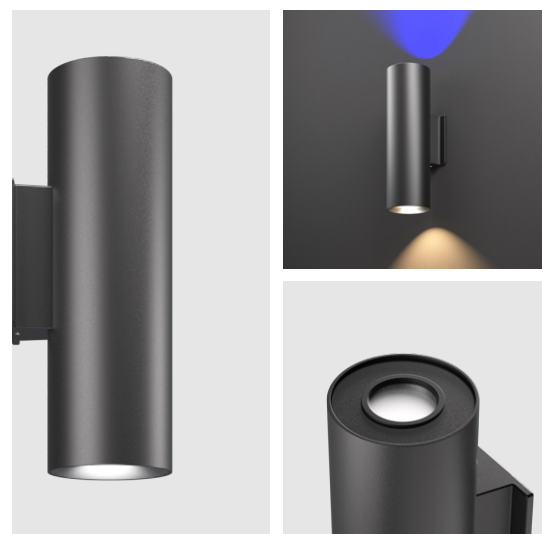


## SPECIFICATION SHEET RGB UPLIGHT / WHITE DOWNLIGHT

### Designed for Timeless Exteriors

This 6-inch round wall mount cylinder boasts in lumen of 4,285 lm, providing exceptional illumination while making a bold architectural statement. The RGB uplight version of the Lance 6 is a testament to the perfect harmony between decorative and functional design.

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.



**SPECIFICATION**

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

<input type="text" value="LA6"/>	MODEL	<b>LANCE 6</b>		
<input type="text" value="60"/>	WATTAGE	<b>60</b> Downlight: 30W Uplight: 30W		
<input type="text"/>	CCT / CRI	<b>Downlight</b>		
<input type="text" value="RGB"/>		<b>278</b> 2700K / CRI 85	<b>279</b> 2700K / CRI 93	<b>308</b> 3000K / CRI 85
		<b>309</b> 3000K / CRI 93	<b>358</b> 3500K / CRI 85	<b>359</b> 3500K / CRI 93
		<b>408</b> 4000K / CRI 85	<b>409</b> 4000K / CRI 93	
		<b>Uplight</b>		
		<b>RGB</b> RGB		
<input type="text" value="UNV"/>	VOLTAGE	<b>UNV</b> 120 – 277V		
<input type="text" value="DMX"/>	DIMMING	<b>DMX<sup>1</sup></b> DMX dims to 0.1%		
<input type="text"/>	BEAM ANGLE	<b>Downlight</b>		
<input type="text"/>		<b>40</b> 40°	<b>60</b> 60°	<b>WD<sup>2</sup></b> Wide
		<b>Uplight</b>		
		<b>40</b> 40°	<b>60</b> 60°	<b>WD<sup>2</sup></b> Wide
<input type="text"/>	FINISH	<b>BLK</b> Black <b>BRZ</b> Bronze	<b>WHT<sup>3</sup></b> White	<b>GRY</b> Gray
<input type="text"/>	ACCESSORIES	<b>FW<sup>4,5</sup></b> Forward Throw	<b>WW<sup>4,6</sup></b> Wall Wash 20°	<b>LL<sup>4,6</sup></b> Linear Lens
<input type="text"/>	RATING	<b>OUT<sup>7</sup></b> Outdoor Rating	<b>NAT<sup>8</sup></b> Natatorium Rating	<b>MAR<sup>9</sup></b> Marine Rating

CLEAR FORM

<sup>1</sup> DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires  
<sup>2</sup> Please factor in change in lumen output with WD -20%  
<sup>3</sup> Option is not compatible with Marine Rating  
<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: 1,280 lm (30W/RGB)
- Uplight: 3,005 lm (30W)
- Power Input: Universal (120/277V)
- Operating Temperature: 14°F~104°F
- Surge Protection: Built-in is 2.5KV

### LED Features

- Color Temperature: 2700K, 3000K, 3500K, 4000K
- Uplight: Wavelength R 645 nm, G 520 nm, B 445 nm
- CRI 85, CRI 93
- 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% (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\*

Delivered Lumens				
Downlight(30W)	2700K	3000K	3500K	4000K
	2,660lm	2,890lm	2,960lm	3,005lm
Uplight(30W)	R	G	B	
	150lm	1,010lm	120lm	

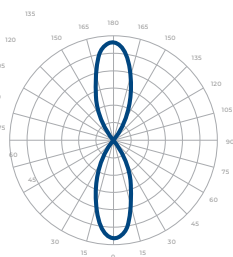
Current Consumption		
WATTAGE / VOLT	120V	277V
60W	0.55A	0.24A

\* Tolerance ±8%

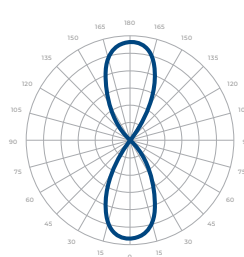
\* For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

## PHOTOMETRICS

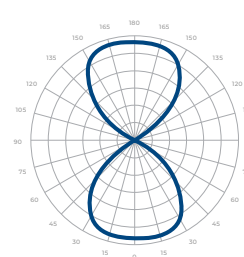
Below is a typical photometric representation of the Lance 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



Wide

## DMX REQUIREMENTS

Lance 6 static white + Archi-Color™ RGB fixture with DMX is a **four channel dmx** unit. The downlight and uplight are controlled **separately**. 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.

Fixture	DMX Address			
	Red Control (ex. X) Uplight	Green Control (ex. X+1) Uplight	Blue Control (ex. X+2) Uplight	White Control (ex. X+3) Downlight
#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

