# 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** | **Rated Life** |
|---|---|
| CRI 85 | > 100,000 Hours (L70) |

**Finish**

Black | White | Gray | Bronze

**Color Temperature**

3000K + Archi-Color® W+RGB

**Optics**

40° | 60° | Wide

**Warranty**
5 Year limited warranty

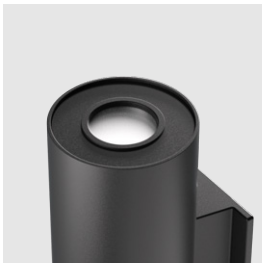
**Listing**

Intertek | CE | FC | IP65

## 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

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## 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.*

| | | | | |
|---|---|---|---|---|
| LA6 | MODEL | **LANCE 6** | | |
| 60 | WATTAGE | **60** Downlight: 30W<br>Uplight: 30W | | |
| 308C | CCT / CRI | **308C**[1] 3000K +RGB / CRI 85<br>Archi-Color® W+RGB | | |
| UNV | VOLTAGE | **UNV** 120-277V | | |
| DMX | DIMMING | **DMX**[2] DMX dims to 0.1% | | |
| | BEAM ANGLE | *Downlight*<br>**40** 40° | **60** 60° | **WD**[3] Wide |
| | | *Uplight*<br>**40** 40° | **60** 60° | **WD**[3] Wide |
| | FINISH | **BLK** Black<br>**BRZ** Bronze | **WHT**[4] White | **GRY** Gray |
| | RATING | **OUT**[5] Outdoor Rating | **NAT**[6] Natatorium Rating | **MAR**[7] Marine Rating |
| | ACCESSORIES | **FW**[8] Forward Throw | **WW**[9] Wall Wash 20° | **LL**[10] Linear Lens |

CLEAR FORM

[1] *W+RGB for both uplight and downlight. Uplight and downlight will be dimmed together using four DMX-controlled channels*
[2] *DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires*
[3] *WD option reduces delivered lumens by ~20%*
[4] *WHT is not compatible with MAR*
[5] *Outdoor Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long-term operation in outdoor environments*
[6] *Natatorium Rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long-term exposure to chlorine vapors*
[7] *Marine Rating: Uses high corrosion-resistant materials for the coating and sealant to prevent damage from long-term exposure to saltwater environment*
[8] *FW option reduces delivered lumens by ~20%, and FW is not compatible with 60°, WD*
[9] *WW option reduces delivered lumens by ~20%, and WW is not compatible with 60°, WD*
[10] *LL option reduces delivered lumens by ~20%, and LL is not compatible with WD*


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## 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 integrated across all dimming options, delivering video flicker-free performance and full compliance with IEEE 1789.
- 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 | | | | |
|---|---|---|---|---|
| **Downlight (30W)** | R | G | B | W |
| | 75lm | 505lm | 60lm | 1,075lm |
| **Uplight (30W)** | R | G | B | W |
| | 75lm | 505lm | 60lm | 1,075lm |

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

**Beam Angle: 40° * Tolerance ±8%*

| Wattage | | | | |
|---|---|---|---|---|
| Channel / Fixture Wattage | R | G | B | W |
| **Downlight (30W)** | 5W | 5W | 5W | 15W |
| **Uplight (30W)** | 5W | 5W | 5W | 15W |


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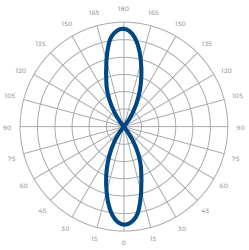
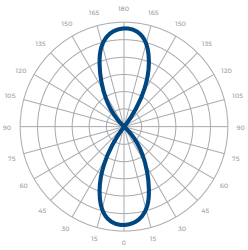
## PHOTOMETRICS

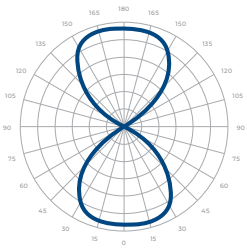
Below is a typical photometric representation of the Lance 6 fixture. Please download IES files to ensure exact photometric value.



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.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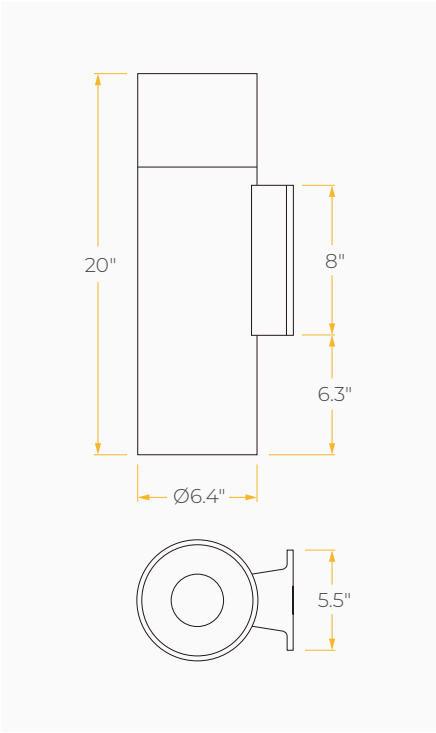
## DIMENSIONS





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