

# 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, 50W | 120-277V

Uplight : 30W, 50W | 120-277V

### Lumen Output

Downlight : 3,005 lm (30W), 5,010 lm (50W)

Uplight : 3,005 lm (30W), 5,010 lm (50W)

### Dimming

Standard 0-10V : Dims to 10%

Superior 0-10V : Dim to 1%

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

### Optics



40°



60°



Wide

### Warranty

5 Year limited warranty

### Listing



## SPECIFICATION SHEET STATIC WHITE OUTDOOR

## Designed for Timeless Exteriors

This 6-inch round wall mount cylinder boasts an impressive lumen range of 6,010 to 10,020 lm, providing exceptional illumination while making a bold architectural statement.

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**

<b>PROJECT NAME</b>	<b>DATE</b>
<input type="text"/>	<input type="text"/>
<b>CATALOG #</b>	<b>QUANTITY</b>
<input type="text"/>	<input type="text"/>

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

<input type="text" value="LA6"/>	<b>MODEL</b>	<b>LANCE 6</b>		
<input type="text"/>	<b>WATTAGE</b>	<b>60</b> Downlight: 30W Uplight: 30W	<b>80</b> Downlight: 50W Uplight: 30W	<b>100<sup>1</sup></b> Downlight: 50W Uplight: 50W
<input type="text"/>	<b>CCT / CRI</b>	<b>278</b> 2700K / CRI 85 <b>309</b> 3000K / CRI 93 <b>408</b> 4000K / CRI 85	<b>279</b> 2700K / CRI 93 <b>358</b> 3500K / CRI 85	<b>308</b> 3000K / CRI 85 <b>359</b> 3500K / CRI 93
<input type="text" value="UNV"/>	<b>VOLTAGE</b>	<b>UNV</b> 120 – 277V		
<input type="text"/>	<b>DIMMING</b>	<b>NOD</b> Non-Dimming	<b>STVS</b> Standard 0-10V dims to 10% Single (Up/Down Together)	<b>STVD</b> Standard 0-10V dims to 10% Dual (Up/Down Separately)
<input type="text"/>		<b>SPVS</b> Superior 0-10V dims to 1% Single (Up/Down Together)	<b>SPVD</b> Superior 0-10V dims to 1% Dual (Up/Down Separately)	<b>DMXD<sup>1,2</sup></b> DMX dims to 0.1% Dual (Up/Down Separately)
<input type="text"/>	<b>BEAM ANGLE</b>	<b>Downlight</b>	<b>40</b> 40°	<b>60</b> 60°
<input type="text"/>		<b>Uplight</b>	<b>40</b> 40°	<b>60</b> 60°
<input type="text"/>	<b>FINISH</b>	<b>BLK</b> Black <b>BRZ</b> Bronze	<b>WHT<sup>4</sup></b> White	<b>GRY</b> Gray
<input type="text"/>	<b>RATING</b>	<b>OUT<sup>5</sup></b> Outdoor	<b>NAT<sup>6</sup></b> Natatorium Rated	<b>MAR<sup>7</sup></b> Marine Finish
<input type="text"/>	<b>ACCESSORIES</b>	<b>FW<sup>8</sup></b> Forward Throw	<b>WW<sup>9</sup></b> Wall Wash 20°	<b>LL<sup>10</sup></b> Linear Lens

CLEAR FORM

<sup>1</sup> DMX is not compatible with 80, 100  
<sup>2</sup> DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires  
<sup>3</sup> WD option reduces delivered lumens by ~12%  
<sup>4</sup> WHT is not compatible with MAR  
<sup>5</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>6</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>7</sup> Marine Rating: Uses high corrosion-resistant materials for the coating and sealant to prevent damage from long-term exposure to saltwater environment  
<sup>8</sup> FW option reduces delivered lumens by ~20%, and FW is not compatible with 60°, WD  
<sup>9</sup> WW option reduces delivered lumens by ~20%, and WW is not compatible with 60°, WD  
<sup>10</sup> LL option reduces delivered lumens by ~20%, and LL is not compatible with WD

**TECHNICAL DETAILS**

**Electrical**

- Downlight : 3,005 lm (30W), 5,010 lm (50W)
- Uplight : 3,005 lm (30W), 5,010 lm (50W)
- Power Input : Universal (120/277V)
- Operating Temperature : 14°F~104°F
- Surge Protection : Built-in is 2.5KV
- Power Factor Greater than 0.9

**LED Features**

- Color Temperature : 2700K, 3000K, 3500K, 4000K
- 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 : 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.
- Standard 0-10V : Dims to 10%  
Single Dimming (Controls Up/Down together)  
Dual Dimming (Controls Up/Down separately)
- Superior 0-10V : Dim to 1 %  
Single Dimming (Controls Up/Down together)  
Dual Dimming (Controls Up/Down separately)
- DMXD : High resolution dims to 0.1%  
(Supports ANSI E1.20 RDM protocol)  
(Controls Up/Down separately)

**Housing**

- Diameter : Ø6.4"
- Height : 20" (50W), 22" (100W)
- Material : Extruded Aluminum, Tempered Glass
- Weight : 15.2 lbs (50W), 16.7lbs (100W)

**Warranty**

- 5-year limited warranty

**Listing**

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

**PERFORMANCE SUMMARY\***

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
<b>30W</b> DOWN	2,660lm	2,890lm	2,960lm	3,005lm
<b>30W</b> UP	2,660lm	2,890lm	2,960lm	3,005lm
<b>50W</b> DOWN	4,435lm	4,810lm	4,930lm	5,010lm
<b>50W</b> UP	4,435lm	4,810lm	4,930lm	5,010lm

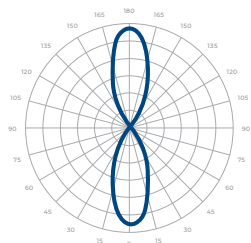
Current Consumption		
WATTAGE / VOLT	120V	277V
<b>60W</b>	0.55A	0.24A
<b>80W</b>	0.73A	0.32A
<b>100W</b>	0.92A	0.4A

\*Tolerance ±8%

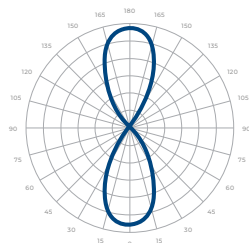
\* For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

## PHOTOMETRICS

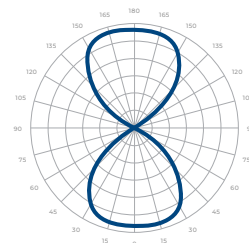
Below is a typical photometric representation of the Lance 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



WIDE

## DMX REQUIREMENTS

The Lance 6 with DMX unit has **two channels** per fixture (1 to control uplight, 1 to control downlight). 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	
	Uplight (ex. X)	Downlight (ex. X+1)
#1	1	2
#2	3	4
#3	5	6

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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