

# LANCE 6

## ARCHITECTURAL GRADE OUTDOOR WALL LUMINAIRE

### Housing

Diameter : Ø6.4" | Height : 15" | Weight : 13 lbs

### Material

Housing: Extruded Aluminum

Lens: Tempered Glass

### Power Input

30W, 50W | 120-277V

### Lumen Output

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

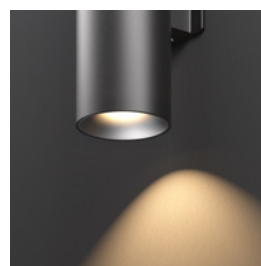


## SPECIFICATION SHEET SINGLE SIDED

## Designed for Timeless Exteriors

This 6-inch round wall mount cylinder boasts an impressive lumen range of 2,660 to 5,010 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.



# METEOR

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

## SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

<b>LA6-SS</b>	MODEL	<b>LA6-SS</b> Lance 6 Single Sided		
<b>D</b>	DIRECTION	<b>D</b> Down		
	WATTAGE	<b>30</b> 30W	<b>50</b> 50W	
	CCT / CRI	<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
<b>UNV</b>	VOLTAGE	<b>UNV</b> 120 – 277V		
	DIMMING	<b>NOD</b> Non-Dimming <b>DMX<sup>1</sup></b> DMX dims to 0.1%	<b>STV</b> Standard 0-10V dims to 10%	<b>SPV</b> Superior 0-10V dims to 1%
	BEAM ANGLE	<b>40</b> 40°	<b>60</b> 60°	<b>WD<sup>2</sup></b> Wide
	FINISH	<b>BLK</b> Black <b>BRZ</b> Bronze	<b>WHT</b> White	<b>GRY</b> Gray
	ACCESSORIES	<b>NO</b> No Accessories <b>LL<sup>3,5</sup></b> Linear Lens	<b>FW<sup>3,4</sup></b> Forward Throw	<b>WW<sup>3,5</sup></b> Wall Wash 20°
	RATING	<b>OUT<sup>6</sup></b> Outdoor Rating	<b>NAT<sup>7</sup></b> Natatorium Rated	<b>MAR<sup>8</sup></b> Marine Rating

<sup>1</sup> DMX wiring is through 3 DMX Positive / Negative / Common wires

<sup>2</sup> Please factor in change in lumen output with WD -12%

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

<sup>4</sup> Not compatible with 60° and WD option

<sup>5</sup> Not compatible with WD option

<sup>6</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>7</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>8</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

- 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

### 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 incorporated to all dimming options for video flicker-free lighting
- Standard 0-10V: Dims to 10%
- Superior 0-10V: Dim to 1 %
- DMX: High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)

### Housing

- Diameter: Ø6.4"
- Height: 15"
- Material: Extruded Aluminum, Tempered Glass
- Weight: 13 lbs

### Warranty

- 5-year limited warranty

### Listing

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

## PERFORMANCE SUMMARY\*

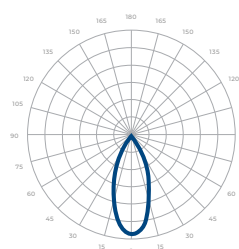
Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
30W	2,660lm	2,890lm	2,960lm	3,005lm
50W	4,435lm	4,810lm	4,935lm	5,010lm

\*Tolerance ±8%

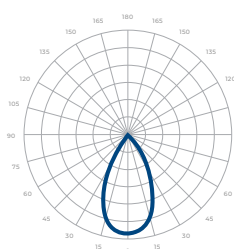
Current Consumption		
WATTAGE / VOLT	120V	277V
30W	0.275A	0.12A
50W	0.46A	0.2A

## PHOTOMETRICS

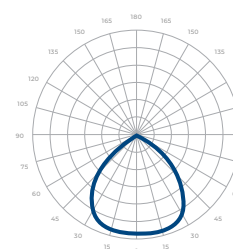
Below is a typical photometric representation of the Lance 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



Wide

## DMX REQUIREMENTS

The Lance 6 fixture with DMX is a **single channel dmx** unit. 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.

The fixture can be connected 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.

DMX Address	
Fixture	Downlight (ex. X+1)
#1	1
#2	2
#3	3

## 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

