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	Rated Life
CRI 85, CRI 93	> 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

cETLus Intertek   CE   FC   IP65

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.

LIT. 2020 WINNER LIGHTING DESIGN AWARDS   PIA'20 Architectural SSL Magazine product innovation award

METEOR

LANCE 6
ARCHITECTURAL GRADE
OUTDOOR WALL LUMINAIRE

METEOR

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**		
	WATTAGE	**60** Downlight: 30W Uplight: 30W	**80** Downlight: 50W Uplight: 30W	**100**[1] Downlight: 50W Uplight: 50W
	CCT / CRI	**278** 2700K / CRI 85 **309** 3000K / CRI 93 **408** 4000K / CRI 85	**279** 2700K / CRI 93 **358** 3500K / CRI 85	**308** 3000K / CRI 85 **359** 3500K / CRI 93
UNV	**VOLTAGE**	**UNV** 120 – 277V		
	DIMMING	**NOD** Non-Dimming **SPVS** Superior 0-10V dims to 1% Single (Up/Down Together)	**STVS** Standard 0-10V dims to 10% Single (Up/Down Together) **SPVD** Superior 0-10V dims to 1% Dual (Up/Down Separately)	**STVD** Standard 0-10V dims to 10% Dual (Up/Down Separately) **DMXD**[1,2] DMX dims to 0.1% Dual (Up/Down Separately)

BEAM ANGLE

Downlight

40 40°	**60** 60°	**WD**[3] Wide

Uplight

40 40°	**60** 60°	**WD**[3] Wide

	FINISH	**BLK** Black **BRZ** Bronze	**WHT**[4] White	**GRY** Gray
	ACCESSORIES	**FW**[5] Forward Throw	**WW**[6] Wall Wash 20°	**LL**[7] Linear Lens
	RATING	**OUT**[8] Outdoor	**NAT**[9] Natatorium Rated	**MAR**[10] Marine Finish

↻ **CLEAR FORM**

[1] *DMX is not compatible with 80, 100*

[2] *DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires*

[3] *WD option reduces delivered lumens by ~12%*

[4] *WHT is not compatible with MAR*

[5] *FW option reduces delivered lumens by ~20%, and FW is not compatible with 60°, WD*

[6] *WW option reduces delivered lumens by ~20%, and WW is not compatible with 60°, WD*

[7] *LL option reduces delivered lumens by ~20%, and LL is not compatible with WD*

[8] *Outdoor Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long-term operation in outdoor environments*

[9] *Natatorium Rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long-term exposure to chlorine vapors*

[10] *Marine Rating: Uses high corrosion-resistant materials for the coating and sealant to prevent damage from long-term exposure to saltwater environment*

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Page 2

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METEOR

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 incorporated to all dimming options for video flicker-free lighting
- 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
30W DOWN	2,660lm	2,890lm	2,960lm	3,005lm
30W UP	2,660lm	2,890lm	2,960lm	3,005lm
50W DOWN	4,435lm	4,810lm	4,930lm	5,010lm
50W UP	4,435lm	4,810lm	4,930lm	5,010lm

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

Tolerance ±8%

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

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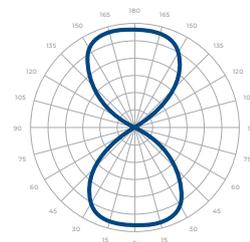
Page 3

PHOTOMETRICS

Below is a typical photometric representation of the Lance 6 fixture. Please download IES files to ensure exact photometric value.
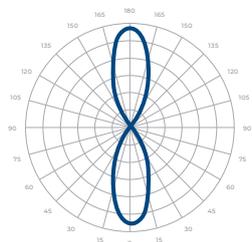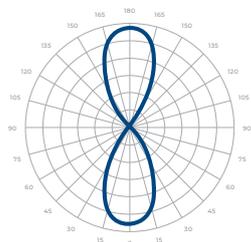
| 40° | 60° | WIDE |

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.

	DMX Address	
Fixture	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.

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Meteor Lighting reserves the right to make changes to this product for design and development improvements at any time without prior notice, and such modification shall be effective immediately. ©Meteor Illumination Technologies, Inc.

REV 01092026

Page 4

DIMENSIONS

60W

20"

8"

6.3"

Ø6.4"

5.5"

100W

22"

8"

6.3"

Ø6.4"

5.5"