

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



RGB

Optics



40°



60°



Wide

Warranty

5 Year limited warranty

Listing

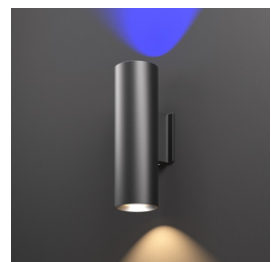


SPECIFICATION SHEET RGB OUTDOOR RGB UPLIGHT & WHITE DOWNLIGHT

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.



METEOR

meteor-lighting.com

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

CLEAR FORM

¹ DMX does not feature XLR or RJ45 sockets; connections are hard-wired using three DMX wires² WD option reduces delivered lumens by ~20%³ WHT is not compatible with MAR⁴ Outdoor Rating: Coating and wiring will be changed to high UV resistant and corrosion resistant materials for long-term operation in outdoor environments⁵ Natatorium Rating: Coating and sealant will be changed to high corrosion resistant materials to prevent damage from long-term exposure to chlorine vapors⁶ Marine Rating: Uses high corrosion-resistant materials for the coating and sealant to prevent damage from long-term exposure to saltwater environment⁷ FW option reduces delivered lumens by ~20%, and FW is not compatible with 60°, WD⁸ WW option reduces delivered lumens by ~20%, and WW is not compatible with 60°, WD⁹ LL option reduces delivered lumens by ~20%, and LL is not compatible with WD

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 integrated across all dimming options, delivering video flicker-free performance and full compliance with IEEE 1789.
- 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	

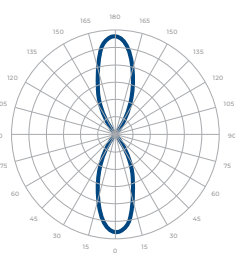
Current Consumption		
WATTAGE / VOLT	120V	277V
60W	0.55A	0.24A

* Tolerance ±8%

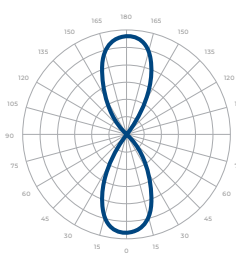
* For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.

PHOTOMETRICS

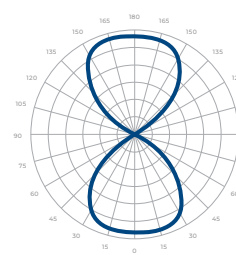
Below is a typical photometric representation of the Lance 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



Wide

DMX REQUIREMENTS

Lance 6 static white + 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

