The North American Collection

BOULDER

Indoor/Outdoor — LED Wall Wash Luminaire

Shown As: Style A (100% Downlight)
See Ordering Guide for Other Options

FASCIA STYLES

Fascia A

Fascia C

LED WATTAGE / LUMENS

	DISTRIBUTION		
WATTAGES	**Downlight Only (DN)**	**50% Up / 50% Down**	**10% Up / 90% Down**
LED30 (30W)	3200 Lumens	1600 Lumens / 1600 Lumens	320 Lumens / 2880 Lumens
LED40 (40W)	4200 Lumens	2100 Lumens / 2100 Lumens	420 Lumens / 3780 Lumens
LED50 (50W)	5400 Lumens	2700 Lumens / 2700 Lumens	540 Lumens / 4860 Lumens

Catalog Number

Project Name & Location | Type

Product Specifications

DRIVER: Universal Voltage 120/277v Electronic Driver with 0-10V dimming is standard.
EMERGENCY: Integral or Remote LED emergency battery.
GASKETING: High temperature, non-aging black EPDM and/or Neoprene Rubber concealed in housing pocket and enclosed by cast-in drip shield and rear wire entrance hole to protect against outside contaminants.
HOUSING: Formed and welded aluminum with line side wire access on the back, top and bottom through 1/2“ trade size conduit knockouts.
FINISH: Oven baked Polyester Powder Coat.
LIGHT ENGINE: Energy Efficient Light Emitting Diode (LED).
LENS: UV stabilized 1/8” thick injection molded clear prismatic Hi-impact Polycarbonate.
LENS FASTENERS: Stainless steel tamperproof screws (4) to secure lens in place.
MOUNTING: Wall.
REFLECTOR: .032 aluminum painted white with high reflectivity.
FASCIA: 0.063” Aluminum Curved Fascia.
COMPLIANCE: Built to comply with U.S. and Canadian safety standards. Suitable for wet locations. **Made in USA / Buy America Compliant / Buy American Act.**

order example:

BO-C-UP20-DN20-CT4-90CRI-UNV-BZ

SERIES
BO Boulder Series

FASCIA
A Curved Fascia - Front Window Opening
C Curved Fascia - Solid Front

DISTRIBUTION / WATTAGE
Refer to LED Wattage / Lumens Table

100% Downlight Only (Dark Sky Compliant) or
DN30 30 Watt Total
DN40 40 Watt Total
DN50 50 Watt Total

50% / 50% Uplight / Downlight Split or
UP15-DN15 30 Watt Total
UP20-DN20 40 Watt Total
UP25-DN25 50 Watt Total

10% / 90% Uplight / Downlight Split
UP3-DN27 30 Watt Total
UP4-DN36 40 Watt Total
UP5-DN45 50 Watt Total

Note: Use of SL option negates Dark Sky compliance
SL Side Light

LED COLOR TEMPERATURE (CCT)
CT3 ±3000K LED Color Temp
CT35 ±3500K LED Color Temp
CT4 ±4000K LED Color Temp
CT5 ±5000K LED Color Temp

COLOR RENDERING INDEX (CRI)
80CRI 80 Color Rendering Index (STANDARD)
90CRI 90 Color Rendering Index (Not Available for 5K)

VOLTAGE
347 347 Volt
UNV 120~277 Universal Volt Electronic Driver

STANDARD FINISH
BK Black
BZ Bronze
PA Painted Aluminum
WHT Textured White - STANDARD

PREMIUM UPCHARGE FINISH
CC Custom Color (Visit www.ralcolor.com)
– Provide RAL# or Make-to-Match Color Chip

MISC OPTIONS
FUS Fuse and Fuseholder
DFUS Double Fuse and Fuseholder

Additional Options on PAGE 2

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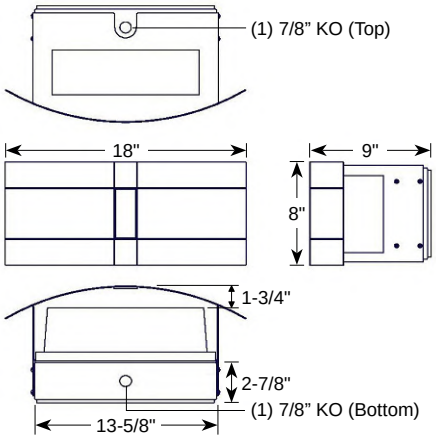
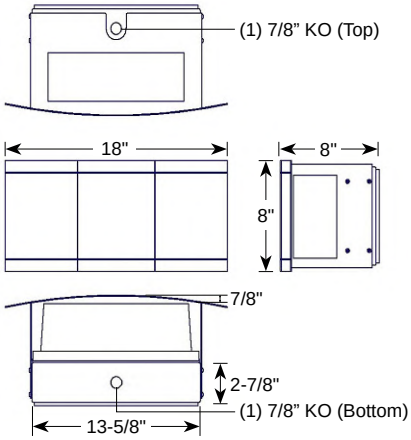
DIMENSIONS

Fascia A



Fascia C



PHOTOCELL OPTIONS

PHTD	Photocell Button (120/277V) *– Not Available with 50/50% Distribution*

CONTROL OPTIONS (Choose from Manual or Sensor)

MANUAL CONTROL (Wall Switch or Control System)
Note: Cannot be used with Sensor Controls Below
Note: 0-10V (100-30%) Dimming is Standard

0-10D1	0-10VDC LED Dimming Driver (100-10%)
0-10D2	0-10VDC LED Dimming Driver (100-1%)

OR

SENSOR CONTROL (Sensor Integral to Fixture)
Note: Cannot be used with Manual Controls Above
Note: Motion Sensor Max Mounting Height 18-Feet

OCC	Occupancy Sensing / Motion Sensor Integral *– Microwave / Single Feed / 120/277 Only* *– Stand-by Dimming Level Presets: ON/OFF*
BLD	Bi-Level Dimming - Motion Sensor Integral *– Microwave / Single Feed / 120/277 Only* *– Stand-by Dimming Level Presets:* 10% / 20% / 30% / 50%

EMERGENCY BATTERY OPTIONS

- **Emergency Battery will ONLY illuminate Downlight**
- **Emergency Battery Options Meet California Energy Commission Title 20 [CEC-400-2014-009-CMF] Efficiency Standands (Cold Weather is Non-CEC)**
- **Cold Weather Emergency Batteries Temp Range: -20°C thru 50°C**
- **Constant Power Batteries have Constant Lumens**
- **Max Whip Length for REM is 8ft**

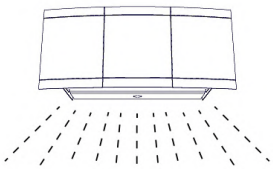
EM8W	Integral 8 Watt LED
EM10W	Integral 10 Watt LED
EM16W	Integral 16 Watt LED
EM10W-CW	Integral 10 Watt LED - Cold Weather
REM8W	Remote 8 Watt LED
REM10W	Remote 10 Watt LED
REM16W	Remote 16 Watt LED
REM10W-CW	Remote 10 Watt LED - Cold Weather

ACCESSORY OPTIONS
Order As A Separate Line

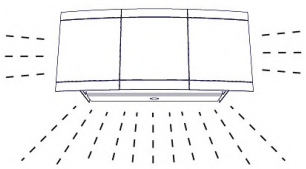
REMT	Remote Controller for Sensor Options
TPD	Tamperproof Screwdriver

DISTRIBUTION STYLES

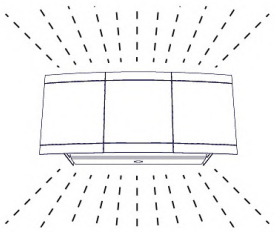
DN = 100% Downlight



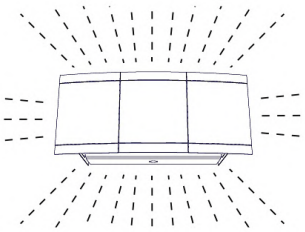
DN = 100% Downlight with Side Light (SL)



50/50 = 50% Uplight / 50% Downlight



50/50 = 50% Uplight / 50% Downlight with Side Light (SL)



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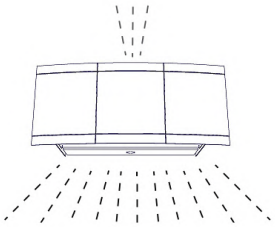
DISTRIBUTION STYLES (Continued)

10/90 = 10% Uplight / 90% Downlight

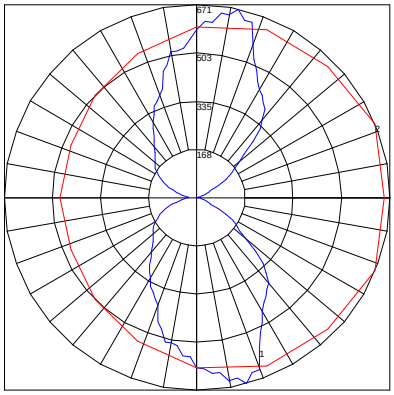


PHOTOMETRY

Summary of Results | BO-A-UP15-DN15-CT3-80CRI-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3012.8 Lumens	100.1 Lm/W	30.1W	3000K	N/A	B1-U5-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	253.1
Forward Medium (30-60)	446.2
Forward High (60-80)	118.1
Forward Very High (80-90)	12.1
Back Low (0-30)	199.3
Back Medium (30-60)	350.4
Back High (60-80)	151.2
Back Very High (80-90)	30.3
Up Low (90-100)	35.6
Up High (100-180)	1416.5

POLAR GRAPH

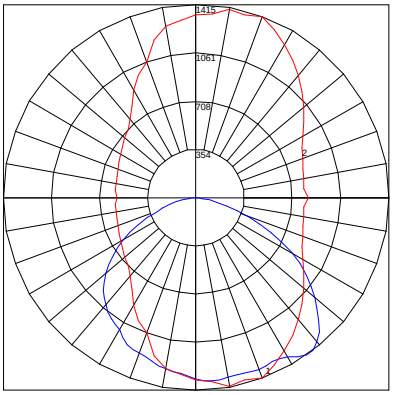


Maximum Candela = 670.833 Located At Horizontal Angle = 337.5, Vertical Angle = 167.5
1 - Vertical Plane Through Horizontal Angles (337.5 - 157.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (167.5) (Through Max. Cd.)

Summary of Results | BO-C-DN40-CT4-80CRI-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3294.2 Lumens	82.4 Lm/W	40.0W	4000K	Type I	B1-U0-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	554.1
Forward Medium (30-60)	994.9
Forward High (60-80)	254.4
Forward Very High (80-90)	9.4
Back Low (0-30)	456.9
Back Medium (30-60)	764.2
Back High (60-80)	240.3
Back Very High (80-90)	20.0
Up Low (90-100)	0.0
Up High (100-180)	0.0

POLAR GRAPH

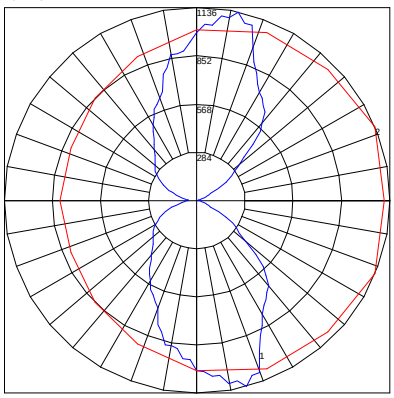


Maximum Candela = 1415.2 Located At Horizontal Angle = 290, Vertical Angle = 37.5
1 - Vertical Plane Through Horizontal Angles (290 - 110) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (37.5) (Through Max. Cd.)

Summary of Results | BO-C-UP25-DN25-CT5-80CRI-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
5103.4 Lumens	103.3 Lm/W	49.4W	5000K	N/A	B1-U5-G1

LCS Summary	
Zone	Lumens
Forward Low (0-30)	428.7
Forward Medium (30-60)	755.8
Forward High (60-80)	200.0
Forward Very High (80-90)	20.6
Back Low (0-30)	337.7
Back Medium (30-60)	593.5
Back High (60-80)	256.2
Back Very High (80-90)	51.4
Up Low (90-100)	60.2
Up High (100-180)	2399.3

POLAR GRAPH



Maximum Candela = 1136.317 Located At Horizontal Angle = 337.5, Vertical Angle = 167.5
1 - Vertical Plane Through Horizontal Angles (337.5 - 157.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (167.5) (Through Max. Cd.)

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