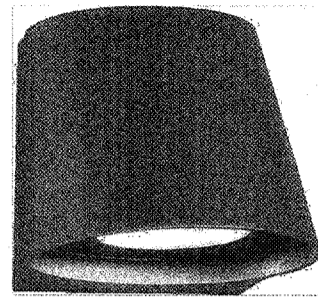


**MOD - model: WS-W65607**  
dweLED™ Outdoor Scence



**WAC LIGHTING**  
Responsible Lighting®

Fixture Type:   
Catalog Number:   
Project:   
Location:

**PRODUCT DESCRIPTION**

Expertly crafted from die cast aluminum, the Mod family features a smooth curved modern shape. ADA compliant and Dark Sky friendly. Ideal for exterior residential, hospitality and commercial applications.

**FEATURES**

- Diecast aluminum construction
- Dark Sky friendly
- Luminaire may be rotated 180° when mounting
- ETL & cETL wet location listed, IP65
- ADA compliant, low profile design
- 100%-10% electronic low voltage (ELV) dimming
- Driver located inside the fixture
- Universal driver (120V-220V-277V)
- CR: 90
- Color Temp: 3000K
- Rated Life: 70,000
- 5 year warranty

**SPECIFICATIONS**

**Construction:** Diecast aluminum construction  
**Light Source:** LED  
**Dimming:** 100%-10% Electronic Low Voltage (ELV)  
**Standards:** ETL & cETL wet location listed, IP65, ADA compliant, Dark Sky Friendly

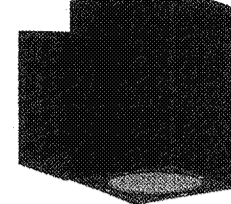
Watt	LED Lumens	Delivered Lumens	Finish
16.5W	1165	850	BZ Orange GH Graphite

Example: WS - W65607 - BZ

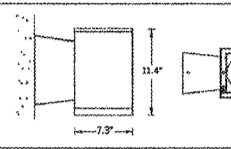
wacighting.com Phone (800) 526-2588 Fax (800) 526-2585  
Headquarters/Eastern Distribution Center 44 Harbor Park Drive Port Washington, NY 11850  
Central Distribution Center 1600 Distribution Ct Littleton, CO 80122  
Western Distribution Center 1750 Archibald Avenue Ontario, CA 91760

**HOLLYWOOD PARK RESIDENTIAL | LOS ANGELES, CA 12 MAR 2018**  
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**UTA-31891**  
Tango 32 Up/Down Light



**Physical Data**  
Length - 7.3"  
Height - 11.4"  
Weight - 18.5 lbs  
IP65 - Suitable For Wet Locations  
IK08 - Impact Resistant (Vandal Resistant)



Lamp	Beam Up	Beam Down	LED Color	Finish Color	Options (Contact Factory for Pricing)
2x10w LED	T2-Type II - 220lm	T2-Type II - 220lm	W2-220K	W2-220K	F- Frosted Lens S- Custom Surface Coated Entry Box H2I- Specialty Custom Height H2I- H2I-Mounting 6-pin Opt Environment H2I- Round Park Adapter

Ordering Example: UTA- 31891 - 2x32w - T2 - W3 - 02 - 120/277v - Options

PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_  
TYPE: \_\_\_\_\_ NOTE: \_\_\_\_\_  
Head Office: 7144 Progress Ct, Hillsboro, Oregon 97124 Tel: 503-645-0300 Fax: 503-645-0100 www.ligmanlightingusa.com

**HOLLYWOOD PARK RESIDENTIAL | LOS ANGELES, CA 12 MAR 2018**  
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**BOCA FLASHER**  
LED Lighting Systems, Technologies & Manufacturing

**HPNLS-HO**

DATE: \_\_\_\_\_ TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_ CUSTOMER: \_\_\_\_\_



**Line Voltage Linear LED Strip Fixture**  
Dimmable solid color line voltage fixture fabricated with a variety of options. The Boca HPNLS-HO is a high-output fixture well suited for many lighting situations where output is of concern. This line voltage version eliminates the need for secondary transformers, making installation contractor friendly. Boca's CleanDim™ technology ensures even dimming from 0-100%. The HPNLS can be fabricated with a range of optics and color temperature choices, affording a multitude of distribution and effect options. The housing is anodized aluminum with a durable finish making it weather and abrasion resistant. It is UL Listed for dry, damp or wet location (model dependent).

- KEY FEATURES:**
- Compact, variable light fixture for dry, damp or wet location use
  - Fixture comes in 6" increments (12" minimum)
  - Many options in optics, color temperature and accessories
  - Multiple different types of lenses
  - Ultra standard low voltage dimmers
  - Fixtures are compatible with both forward and reverse phase dimming 0-10V, DMX dimmable
  - Clear anodized aluminum or black finish standard
  - Contact Boca Flasher for tips with custom installations
  - Total linear feet per power feed: 40ft @ 120V

**LENS OPTIONS:**

**Key Features:**

- Interior or exterior use
- Lens is 1/8" (2.0) thick, adds 1/16" to overall height of fixture
- Call factory for more information
- 87% transmission
- To specify add "L" in lens box

**Key Features:**

- Interior use only
- Best for direct view use
- Lens is 1/4" (2.5) thick, adds 1/8" to overall height of fixture
- Call factory for more information
- 42% transmission

**TECHNICAL SPECIFICATIONS:**

WATTAGE: 16 watts per linear ft.  
INPUT VOLTAGE: 90-120V, 230-277V  
DIMMING: Indirect dimming only  
DIMMING: 0-10V  
POWER FACTOR: UL standard 0.9  
LED SPACING: 1" on center  
LENGTH: 12"-96" in 6" increments  
TOTAL WIDTH: 1.6"  
TOTAL HEIGHT: Not including clip 1.3"

**PROJECT SPECIFICATIONS:**

HPNLS - HO  
COLOR OPTIONS: 2700K, 3000K, 4000K, 5000K, white, red, green, blue  
OPTICS AVAILABLE: 1/8", 1/4", 1/2", 3/4", 1", 2", 3", 4", 6", 12"  
RATING: IP65, IP68  
COLOR RENDERING INDEX (CRI): 90+ CRI

We are constantly improving our fixtures and reserve the right to change options and specifications. For specific requirements, contact your Boca Flasher sales representative. This product complies with UL and CE listing procedures and relevant standards. Complete Lighting System needs or requests: (1) 3rd Certificate, (2) 3rd Certificate per WAC. For additional information and details visit our website at www.bocaflasher.com. All products proudly manufactured in the USA. Boca Flasher Inc., 525 South Military Trail, Deerfield Beach, Florida 33442 USA. Phone: 888-999-5336 Fax: 561-962-8330 © 2017 Boca Flasher Inc. All rights reserved. All names and trademarks are property of their respective owners. REV 06-2017

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**BOCA FLASHER**  
LED Lighting Systems, Technologies & Manufacturing

**HPNLS-HO**  
ADDITIONAL OPTIONS

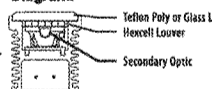
DATE: \_\_\_\_\_ TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_ CUSTOMER: \_\_\_\_\_

**BAFFLE:**



**Hexcell Louver**

- Key Features:**
- Economical solution to off axis glare
  - Louver is located flush to secondary optic, preventing unwanted rotation
  - Louver cannot be utilized when no optic (120°) is specified
  - Louver is behind lens to ensure no damage is done during installation or after. This also ensures no dust build-up
  - Louver aligns and seals during on site fixture installation
  - No unsightly clips, screws, or brackets
  - Can be used with other baffles
  - Adds nothing to overall height
  - To specify add "ML" in options box

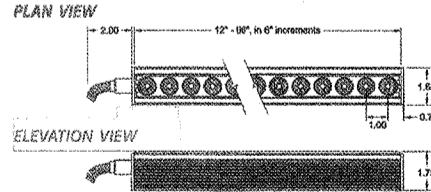


**Baffle Square Design**

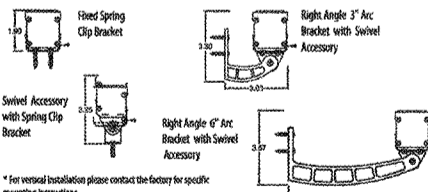
- Key Features:**
- Design cuts off light at 90°
  - Baffles are lightweight black PVC with non-reflective surfaces to avoid glare from interior sections
  - One piece baffle slides onto the extruded housing making installation easy
  - 58 only adds .75" to overall height
  - 58B adds .90" to overall height
  - 58B adds .102" to overall height
  - Louver aligns and seals during on site fixture installation
  - To specify add "58" or "58B" for standard version or "58Q" for thicker version in options box



**DIAGRAMS & DIMENSIONS:**



**MOUNTING INFORMATION:**



**LUMINAIRE INFORMATION:**

Fixture Type: 3000°K, 10° optic, 120V, 48"

Total Lumen Output: 077 Lumens for 4ft.  
Luminaire Efficacy: 45.4 Lumens per watt

For luminaire efficacy by 1076 (no dimming)

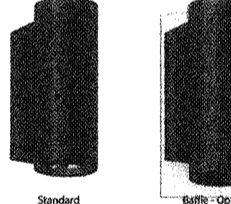
Center Beam Candies Power & Illumination Information

Distance	Foot Candles
2ft	4200.0
4ft	1050.0
6ft	472.2
8ft	266.4
10ft	158.4
12ft	92.6
14ft	54.9
16ft	32.5
18ft	20.3
20ft	13.9
22ft	9.3
24ft	6.1
26ft	4.1
28ft	2.8
30ft	1.9

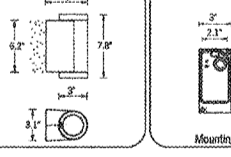
We are constantly improving our fixtures and reserve the right to change options and specifications. For specific requirements, contact your Boca Flasher sales representative. This product complies with UL and CE listing procedures and relevant standards. Complete Lighting System needs or requests: (1) 3rd Certificate, (2) 3rd Certificate per WAC. For additional information and details visit our website at www.bocaflasher.com. All products proudly manufactured in the USA. Boca Flasher Inc., 525 South Military Trail, Deerfield Beach, Florida 33442 USA. Phone: 888-999-5336 Fax: 561-962-8330 © 2017 Boca Flasher Inc. All rights reserved. All names and trademarks are property of their respective owners. REV 06-2017

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**UMV-30031**  
Marvik 4 Up/Downlight 3" Dia



**Physical Data**  
Diameter - 3"  
Length - 4"  
Height - 7.8"  
Weight - 3.7 lbs  
IP65 - Suitable For Wet Locations  
IK08 - Impact Resistant (Vandal Resistant)



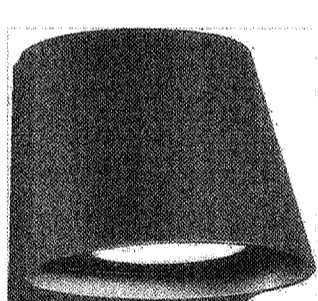
Lamp	Beam Up & Down	LED Color	Finish Color	Options (Contact Factory for Pricing)
2x10w LED	N - Narrow 2° M - Medium 3° W - Wide 37° VW - Very Wide 7°	W27-2700K W27-3000K W27-4000K	W27-2700K W27-3000K W27-4000K	F- Frosted Lens S- Custom Surface Coated Entry Box H2I- Specialty Custom Height H2I- H2I-Mounting 6-pin Opt Environment H2I- Round Park Adapter

Ordering Example: UMV- 30031 - 2x10w - N - M - W30 - 02 - 120/277v - Options

PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_ QUANTITY: \_\_\_\_\_  
TYPE: \_\_\_\_\_ NOTE: \_\_\_\_\_  
Head Office: 7144 Progress Ct, Hillsboro, Oregon 97124 Tel: 503-645-0300 Fax: 503-645-0100 www.ligmanlightingusa.com

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**MOD - model: WS-W65607**  
dweLED™ Outdoor Scence



**WAC LIGHTING**  
Responsible Lighting®

Fixture Type:   
Catalog Number:   
Project:   
Location:

**PRODUCT DESCRIPTION**

Expertly crafted from die cast aluminum, the Mod family features a smooth curved modern shape. ADA compliant and Dark Sky friendly. Ideal for exterior residential, hospitality and commercial applications.

**FEATURES**

- Diecast aluminum construction
- Dark Sky friendly
- Luminaire may be rotated 180° when mounting
- ETL & cETL wet location listed, IP65
- ADA compliant, low profile design
- 100%-10% electronic low voltage (ELV) dimming
- Driver located inside the fixture
- Universal driver (120V-220V-277V)
- CR: 90
- Color Temp: 3000K
- Rated Life: 70,000
- 5 year warranty

**SPECIFICATIONS**

**Construction:** Diecast aluminum construction  
**Light Source:** LED  
**Dimming:** 100%-10% Electronic Low Voltage (ELV)  
**Standards:** ETL & cETL wet location listed, IP65, ADA compliant, Dark Sky Friendly

Watt	LED Lumens	Delivered Lumens	Finish
16.5W	1165	850	BZ Orange GH Graphite

Example: WS - W65607 - BZ

wacighting.com Phone (800) 526-2588 Fax (800) 526-2585  
Headquarters/Eastern Distribution Center 44 Harbor Park Drive Port Washington, NY 11850  
Central Distribution Center 1600 Distribution Ct Littleton, CO 80122  
Western Distribution Center 1750 Archibald Avenue Ontario, CA 91760

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