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LIGHTING FIXTURE SCHEDULE
& CUT SHEET PACKAGE

THE LIGHTING DESIGN
ALLIANCE, INC.

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ORIGINAL ISSUE:
1 August 2022

REVISIONS:
1.

FIXTURE NOTES:

1. Fixtures shall include all accessories for installation as required by national or local electrical codes.
2. Electrical Engineer to determine all fixture voltages.
3. Electrical Engineer shall be responsible for emergency lighting, calculations and circuiting to meet code conformance as required by law.
4. Prior to the release of the lighting fixture order, the party responsible for fixture procurement (typically the Contractor) shall:
 - Verify all fixtures shall have appropriate UL, ETL or other recognized and accepted testing agency for dry, damp, or wet location installation as required by national or local electrical codes
 - Verify all integral or remote ballasts or drivers are recognized by UL, ETL, or other recognized testing agency. Remote ballasts or drivers shall be listed as an "assembly" to operate with the luminaire
 - Verify fixture and ballast configuration conform with Title 24 or other local energy codes (e.g. tandem wiring, ballast factor, etc)
 - Work with the Contractor to verify items outlined in section 5 below.
5. Prior to the release of the lighting fixture order, contractor shall work with the lighting procurement agent to:
 - Identify fixture location and above-ceiling clearances for recessed fixtures. Contractor shall notify the Lighting Designer of any conflicts.
 - Verify final fixture voltages
 - Verify housing and trim compatibility with ceiling type (e.g. gyp. or suspended ceiling) and ceiling thickness
 - Verify field lengths of cove or perimeter lighting. These fixtures must not be dimensioned from lighting plans
 - Identify fire rated ceiling or floor assemblies and provide fire rated enclosures for fixtures to be installed in these conditions
 - Identify insulated ceiling areas and provide IC rated housing options for fixtures to be installed in these conditions. Contractor shall notify the Lighting Designer if an IC option is not available for the specified fixture(s).
6. Lamps or LED light engines shall be installed as outlined in the fixture schedule below.
7. Ceiling thicknesses in excess of 3/4" shall be identified in writing by the Architect or Contractor.
8. Walls directly illuminated (e.g. "wall grazing" or perimeter lighting systems) shall be a Level 5 finish, as defined in Gypsum Association GA 216-96.
9. The Architect and Lighting Designer shall approve fixture substitutions prior to bid, in accordance with section 26 00 00 specifications. If non-specified or non-approved alternates are installed, they shall be replaced at the Contractors sole expense (including backcharges by other trades such as drywall, painting, etc.), with no additional cost to the owner.
10. Contractor or Purchaser to supply all necessary parts, pieces and mounting brackets as necessary for a fully functioning and properly installed fixture. Refer to detail drawings for additional comments.
11. All remote power supplies:
 - To be mounted in an accessible, concealed, dry, well ventilated location, within manufacturer recommendations and distance
 - All fixtures on a control zone to have equal length wire to the power supply.
 - Contractor to provide fully code compliant LED system, Contractor to coordinate any necessary additional parts or enclosures (such as NEMA rated enclosures) for the power supply and fixtures to be code compliant.
12. Dimming types:
 - a. NON - Standard dimmer module configured to function as Non-Dim.
 - b. TRIAC - Forward phase dimming module, traditionally used for Incandescent, Halogen, or Mark 10 Fluorescent, 2-wire.
 - c. MLV - Forward phase dimming module for magnetic low voltage, 2-wire.
 - d. ELV - Reverse Phase dimming module, for electronic low voltage, 2-wire.
 - e. 0-10V - 0-10V dimming module with switched mains power (class 1) and low voltage intensity control (class 2), 4-wire.
 - f. Hi-Lume - Specialized dimming module for use with Lutron Hi-Lume dimming drivers, 3-wire, all class 1.
 - g. ECO - Specialized dimming module for Lutron Ecosystem dimming drivers with switched mains power (class 1) and proprietary digital control cables (class 2), 4-wire.
 - h. DALI - Digital dimming module with switched mains power (class 1) and digital control cables (class 2), 4-wire.
 - i. NON+DMX - Fixture requires normal non-dim switched mains power IN ADDITION TO serial data DMX signal from lighting control system. DMX interface will require additional control hardware and configuration.
 - j. DIM - Dimming requirements are not known; dimmer type TBD by lamp and / or driver/power supply selection.

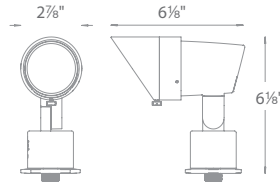
Latest revisions HIGHLIGHTED									
TYPE	DESCRIPTION	SHORT DESCRIPTION	MANUFACTURER & CATALOG #	LIGHT SOURCE	WATTS	VOLTS	LOAD TYPE	DIM TYPE	REMARKS
AL1	Stake-mounted landscape uplight with glare shield and: • Optics: adjustable 10°-60° • Dimensions: 2.9"Ø x 6.3"L • Transformer: remote, dimming	Landscape Uplights	WAC Lighting • Luminaire: 5011 27 BZ • Mount: 9000-SP9-BZ • Transformer: 9150-TRN-SS or approved MLV equal	Integral LED • CCT: 2700K • CRI: 85 • Lumens: 50-1160	18 max.	12	LED	MLV	• Set to 8w output, medium-beam, which may be adjusted during aiming session. • Conceal remote transformer in accessible, ventilated location. • Uplights may be subject to curfew dimming controls - circuit accordingly.
DP1	Decorative pendant, suitable for exterior, with: • Dimensions: 26"Ø x 16.5"H • Rating: wet	Exterior Pendants	Hinkley Lighting Finn 12395OZ	(5) Green Creative 5.5FB11DIM/927/R • CCT: 2700K • CRI: 92 • Lumens: 500 • Watts: 5.5 • Base: E12 candelabra	300 max.	120	LED	ELV	• Confirm selection and mounting height with Architect.
DW1	Decorative wall sconce, suitable for exterior, with: • Dimensions: 28.5"H x 4.75"W x 4" Proj. • Rating: wet, darksky	Exterior Decorative Sconce	Hinkley Lighting Mist 1225BZ	(1) Green Creative 6GU10DIM/827 FL40 • CCT: 2700K • CRI: 82 • Lumens: 550 • Watts: 6 • Base: GU10 • Beam: 40°	6.5	120	LED	ELV	• Confirm selection and mounting height with Architect.
DW2	Downlight wall sconce, suitable for exterior, with: • Dimensions: 4.5"H x 4.5"W x 6.7" Proj. • Rating: wet, darksky	Exterior Decorative Sconce	Tech Lighting Bowman 4 700WSBOW 4 Z LED827	Integral LED • CCT: 2700K • CRI: 90+ • Lumens: 696	17.8	120/277	LED	ELV	• Confirm selection and mounting height with Architect.
FS1	Downlight wall sconce, suitable for exterior, with: • Dimensions: 4.5"H x 4.5"W x 6.7" Proj. • Rating: wet, darksky	Trellis Downlights	Tech Lighting Bowman 4 700WSBOW 4 Z LED827	Integral LED • CCT: 2700K • CRI: 90+ • Lumens: 696	17.8	120/277	LED	ELV	• Confirm selection and mounting height with Architect.
GH1	Ingrade uplight with: • Optic: adjustable 15°-60° • Trim: 4.625" round, bronze • Recessed Depth: 6.25" • Accessory: concrete pour kit, where needed • Rating: outdoor • Driver: integral, onboard dimming and beam adjustment	Ingrade Uplights - SP	WAC Lighting • Luminaire: 5032 30 BZ • Concrete Pour Kit: 5030-PIP-PVC (if needed)	Integral LED • CCT: 3000K • CRI: 85 • Lumens: 65-515	11.5 max.	120	LED	NON (onboard)	• Set to 7w output, 15° beam, which may be adjusted during aiming session. • Confirm mounting conditions prior to ordering. • Uplights may be subject to curfew dimming controls - circuit accordingly.
GH2	Ingrade uplight with: • Optic: adjustable 15°-60° • Trim: 4.625" round, bronze • Recessed Depth: 6.25" • Accessory: concrete pour kit, where needed • Rating: outdoor • Driver: integral, onboard dimming and beam adjustment	Ingrade Uplights - FL	WAC Lighting • Luminaire: 5032 30 BZ • Concrete Pour Kit: 5030-PIP-PVC (if needed)	Integral LED • CCT: 3000K • CRI: 85 • Lumens: 65-515	11.5 max.	120	LED	NON (onboard)	• Set to 12w output, 60° beam, which may be adjusted during aiming session. • Confirm mounting conditions prior to ordering. • Uplights may be subject to curfew dimming controls - circuit accordingly.
PH1	12' exterior light column with: • Optics: 40° downlight • Dimensions: 12"H x 8" Ø • Driver: integral, dimming	Pedestrian Pole Light	Tech Lighting Turbo Light Column 700OCTUR 830 12 40 Z UNV 1 S	Integral LED • CCT: 3000K • CRI: 80 • Lumens: 2100	28	120-277	LED	0-10V	• Confirm selection with Architect. • Provide concrete base as needed.

TYPE	DESCRIPTION	SHORT DESCRIPTION	MANUFACTURER & CATALOG #	LIGHT SOURCE	WATTS	VOLTS	LOAD TYPE	DIM TYPE	REMARKS
RD1	Recessed LED downlight, suitable for exterior, with: • Housing: new construction • Optic: 25° • Bevel: black, 4.625"Ø with regressed lens • Trim: flanged • Ceiling Thickness: 0.5"-1.5" • Recessed Depth: 4" • Driver: integral, dimming	Recessed Downlights	Aculux Initia • Housing: INIT3 D 08LM 27K 90CRI 25D FPC 120 • Trim: NT3DBV BD BLSF WSOL	Integral LED • CCT: 2700K • CRI: 90+ • Lumens: 854	8	120	LED	TRIAC	• Confirm trim and finish.
SS1	Surface mounted LED tapelight with: • Optics: 120°, downlight • Mounting: flat channel, wall • Lens: frosted white • Dimensions: 1.4"H x 1.7"W • Max Continuous Run: 50' • Field Cutable: 4" OC • Driver: remote, dimming	Exterior Tapelight	Kelvix Max 200 (Outdoor) • Tape: JMX27K-WR-24V • Channel: CH219N-2-WH-CP-EC • Driver: HLV96	Integral LED • CCT: 2700K • CRI: 90+ • Lumens: 220/ft	1.9 /ft	24	LED	MLV	• Do not dimension lengths from lighting documents. • Install end-to-end with no visible gaps between fixtures. • Provide all necessary mounting and connecting hardware for a complete installation. • Conceal remote driver in ventilated, accessible location.

End of Fixture Schedule

ACCENT 12V

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WAC**LANDSCAPE LIGHTING**Fixture Type: Catalog Number: Project: Location: **PRODUCT DESCRIPTION**

Landscape accent luminaire. One fixture replaces all older halogen landscape accent lights

FEATURES

- Adjustable and lockable beam angle
- Integral dimmer
- IP66 rated, Protected against high-pressure water jets
- Includes a detachable shroud
- Solid diecast brass or corrosion resistant aluminum
- Factory sealed water tight fixtures
- Mounting stake, 6' lead wire and direct burial gel filled wire nuts included
- Maintains constant lumen output against voltage drop
- UL 1838 Listed
- MLV dimmable with remote MLV dimmers

SPECIFICATIONS

Input: 9 - 15VAC (Transformer is required)
Power: 1W to 18W / 2VA - 23VA
Brightness: 50 lm to 1160 lm
Beam Angle: 10° to 60°
CRI: 85
Rated Life: 70,000 hours

ORDERING NUMBER

	Color Temp	Finish
5011 Accent 12V	27 2700K	BK Black on Aluminum
	30 3000K	BZ Bronze on Aluminum
	40 4000K	BBR Bronze on Brass

5011-_____Example: **5011-30BBR**

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LANDSCAPE LIGHTING

Accessories

Accent Snoot		5010-SNOOT-BK 5010-SNOOT-BZ 5010-SNOOT-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Shields lamp and reduces glare		
6" Long Shroud		5010-LSHR-BK 5010-LSHR-BZ 5010-LSHR-BBR	Black on Aluminum Bronze on Aluminum Bronze on Brass	Reduce glare. Ideal for downlighting application		
Additional Stake		9000-ST9-BZ	Bronze	Durable PVC stake		
Surface Mount Flange/Stake		5000-SCP-BZ 5000-SCP-BBR 5000-SCP-BK	Bronze on Aluminum Bronze on Brass Black on Aluminum	Includes three 7 inch threaded stainless steel stabilizing pins for ground mounting or surface mounts with four screws or over a junction box		
Guardian Mount		9000-SP9-BZ	Stainless Steel	Heavy duty stainless steel spike to position fixture Formed from a single piece of metal		
Gutter Mount Bracket		5000-GM-BK	Stainless Steel	Stainless Steel universal mounting bracket for gutter mounting fixture		
Tree Mount Junction Box		5000-TCP-BZ 5000-TCP-BK	Bronze on Aluminum Black on Aluminum	Bronze on Aluminum box with Stainless steel mounting screws. Two ½" NPT threaded holes		
Optics		LENS-20-AMB LENS-20-GRN LENS-20-RED	Amber Green Red	LENS-20-BLU LENS-20-FR LENS-20-SPR	Blue Frosted Spread	Enhances saturation of florals and foliage
Extension Rods		5000-X04-BZ 5000-X04-BK 5000-X08-BZ 5000-X08-BK 5000-X12-BZ 5000-X12-BK	4 in 4 in 8 in 8 in 12 in 12 in	5000-X18-BZ 5000-X18-BK 5000-X24-BZ 5000-X24-BK	18 in 18 in 24 in 24 in	Extends distance between Accent light and Surface Mount Canopy, Stake, or Tree Mount box
Rod L-Coupler		5000-LCO-BZ	Bronze			

Magnetic Transformers

Stainless Steel, 12-15V output, IP65 rated, UL 1838 listed
See transformer spec sheet for details and its accessories

9075-TRN-SS
75W Max

9150-TRN-SS
150W Max

9300-TRN-SS
300W Max

9600-TRN-SS
600W Max



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INSTALLATION INSTRUCTION

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WARNING

IMPORTANT: NEVER attempt to do any work without shutting off the electricity.

1. Read all instructions before installing.
2. System is intended for installation by a qualified electrician in accordance with the National Electrical Code and local regulations.
3. Place the wall switch in the "OFF" position.
4. Go to the main fuse box, or circuit breaker. Unscrew the fuse(s) or switch "OFF" the circuit breaker switch(es) that control the power to the space that you are working on.

CAUTION

- All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn out or broken. Failure to follow this instruction may invalidate the UL listing of this fixture.

AVERTISSEMENT

IMPORTANT : Coupez l'électricité avant TOUTE manipulation.

- Lisez toutes les instructions avant d'installer.
- Système est destiné à être installé par un électricien qualifié en conformité avec le code national de l'électricité et les règlements locaux.
- Placez l'interrupteur mural en position d'arrêt (« OFF »).
- Toujours mettre le fusible ou le disjoncteur en position arrêt dans la pièce ou des travaux électriques sont prévus

MISE EN GARDE

- Toutes les pièces doivent être utilisées tel qu'il est indiqué dans ces instructions. Ne remplacez pas les pièces, n'en laissez pas de côté et ne les utilisez pas si elles sont usées ou brisées. Le non-respect de ces instructions peut annuler l'homologation UL du luminaire.

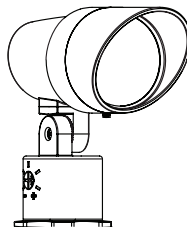
ADVERTENCIA

IMPORTANTE: NUNCA intente hacer trabajos sin desconectar el suministro eléctrico.

- Lea y comprenda todas las instrucciones e ilustraciones por completo antes de proceder con el ensamblaje e instalación de esta lámpara.
- Sistema está diseñado para ser instalado por un electricista calificado, de acuerdo con el código eléctrico nacional y las normas locales.
- Coloque el interruptor de la pared en la posición "OFF" (APAGADO).
- Diríjase a la caja de fusibles o a la caja del interruptor de circuito principal en su hogar. Coloque el interruptor de alimentación principal en la posición "OFF" (APAGADO).

PRECAUCIÓN

- Todas las piezas deben usarse como lo indican estas instrucciones. No reemplace las piezas, no omita piezas durante la instalación ni utilice piezas gastadas o rotas. El incumplimiento de esta indicación podría invalidar la calificación UL esta lámpara.

This instruction apply to the model(s) below:**Note: Transformer is required to power the fixture. (sold separately)*5011-27
5011-30

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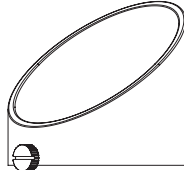
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MOUNTING ACCESSORIES

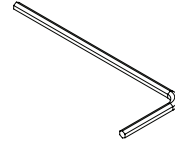
Mounting Stake
Qty: 1pcs



Adjustable Shroud
Qty: 1pc



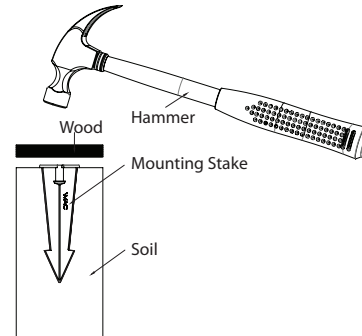
Outdoor Rated Wire Nut
Qty: 2pcs



Hex Key
Qty: 1pcs

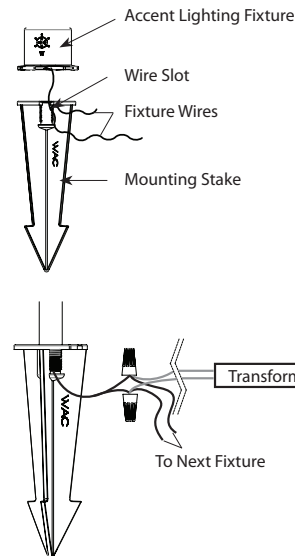
Step 1: Determining the location

1. Make sure your main power is off.
2. At the point of installation, mount the stake by placing a piece of wood on the stake and hammering the wood. Hammer until the bottom of the stake flange is flush with the ground.
3. In the case of hard soil, dig a hole and place the stake in so that the bottom of the stake flange is flush with the ground. Fill the rest of the hole with the removed soil and pack it tight to secure the stake.
4. Screw the fixture onto the stake provided, leading the wire from the fixture through the wire slot in the stake.

**Step 2: Wiring the Fixture**

**Note: Transformer is required to power the fixture. (sold separately)*

5. Cut the power supply wire from the transformer at the location of the fixture.
6. Separate the power supply wire into two individual wires by lightly pulling on each side so that a couple inches is separated.
7. Strip off ½ inch of the insulating material from each wire and connect one to each of the wires from the fixture using the outdoor rated wire nuts provided.



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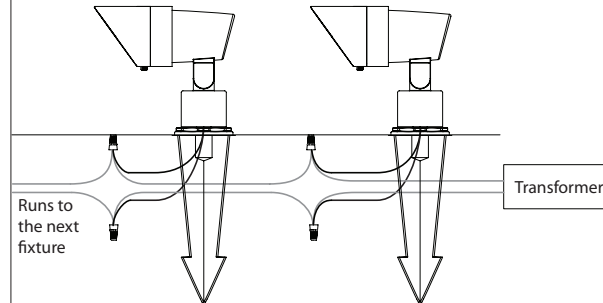
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Step 3: Installing the Fixture

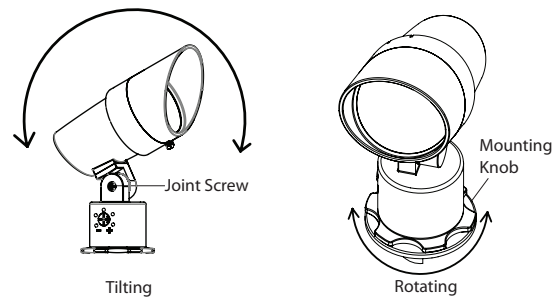
8. Screw the fixture onto the stake provided, leading the wire from the fixture through the wire slot in the stake.
9. If desired, bury your wire by digging a small trench. When finish burying the wires, close the trench.
10. Repeat steps for other fixtures in the same electrical circuit.
11. Turn the main power supply back on and make sure the fixtures light up.



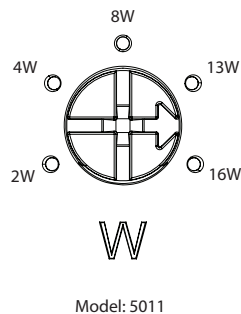
Note: To install multiple fixtures, follow diagram above.

Step 4: Aiming the Fixture

12. Tilting: Loosen the joint screw and adjust the head of the fixture to the desired direction before retightening the screw.
13. Rotating: Loosen the mounting knob and rotate the fixture to the desired position before retightening the knob.

**Step 5: Dimming Adjustment:**

14. Use a Phillips head screwdriver to adjust the dimming dial.
15. Rotate until the arrow on the dial is pointed at the desired wattage. The wattage may be adjusted to the pre-existing tabs or any value in between.
16. The lower the wattage, the dimmer the fixture will be.
17. Please refer to the yellow tag to determine the size of the required transformer.



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Step 6: Beam Angle Adjustment:

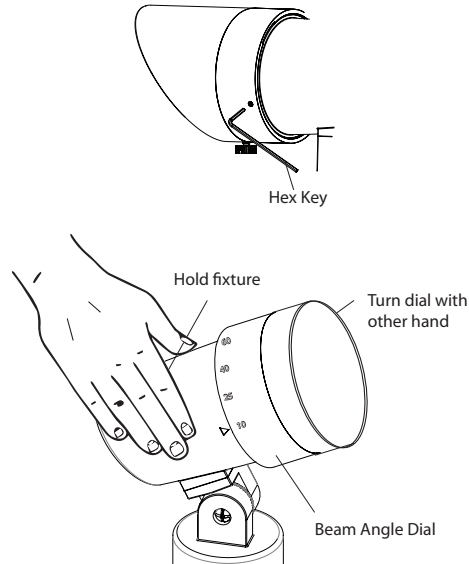
18. Note the four pre-determined beam angles on the beam angle changing dial.
19. Remove shroud before adjusting beam angle (See step 7)
20. Use the provided Hex Key to slightly loosen the set screw one or two turns. Do not remove set screw from the fixture.

CAUTION: Do not remove set screw from the fixture. It should only be removed from the fixture for servicing. Consult factory for service instruction.

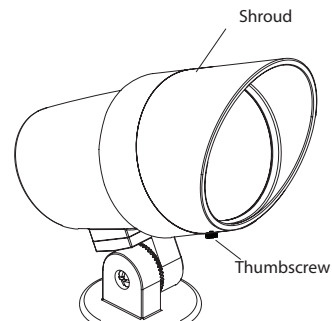
21. Hold the fixture body and Rotate the dial until the arrow is aligned with the desired beam angle. This beam angle may be one of the pre-determined markings or any number in between.

CAUTION: Keep the arrow marking on the fixture body between the beam angle range.

22. Tighten the set screw until it stops. Do not over tighten.
23. Install the shroud

**Step 7: Shroud Adjustment**

24. Loosen the thumb screw on the shroud.
25. Rotate the shroud until it is in the desired position to properly cut off glare.
26. Retighten the thumb screw to lock the shroud in place.



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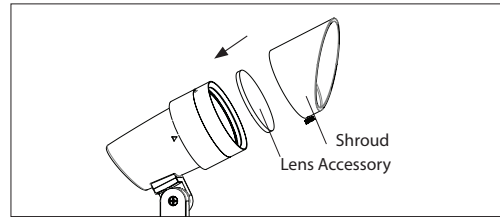
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ACCESSORIES**I. Lens Accessory:**

Frosted, red, blue, green and amber lens accessories are used to alter the spectrum and distribution of the light coming out of the fixture.

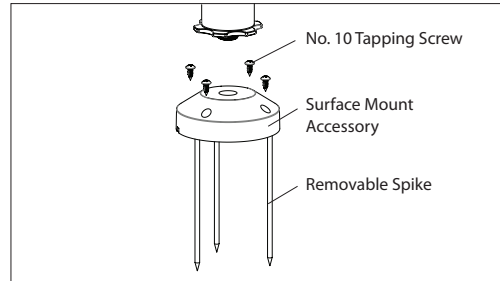
Installation: Place the lens in between the fixture and the shroud. Tighten the thumb screw on the shroud to secure the lens in place.

**II. Surface Mount Accessory**

The surface mount accessory is used to mount the fixture to a hard surface like wood or cement or as alternative to the mounting stake.

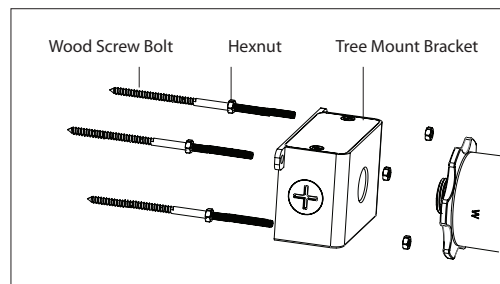
Installation: Mount the accessory to a hard surface using No. 10 Philips head screws that are at least half an inch long. If mounting on concrete or something similar, first use a plastic anchor sized for No. 10 screws. If mounting on a soft surface first attach the included spikes.

Create a route underneath the accessory for your wire to travel through. Lead your wire through the created route and screw your fixture onto the surface mount accessory.

**III. Tree Mount Accessory:**

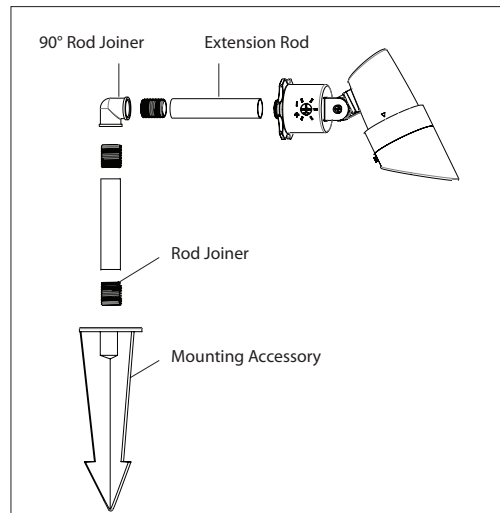
The tree mount accessory is a way for fixtures to be mounted on the trunk or a branch of a tree while minimizing damage to the tree.

Installation: Mark the screw hole locations at the point of installation. Thread one hex nut from flat side of wood screw bolt until end of threaded. Use a wrench to screw the bolt into the tree until the unthreaded portion of the bolt meets the surface of the tree. (Do this for all three bolts.) Place the tree mount bracket onto the bolts and secure it using additional hex nuts. Attach light fixture and lead wire through the bracket. Place all wire nuts into the tree mount bracket.

**IV. Extension Accessory**

Using extension rods and rod joiners, fixtures can be mounted away from a surface in any desired direction. Rods come in 5 sizes: 4 inches, 8 inches, 12 inches, 18 inches, and 24 inches. These rods can be connected via either straight or 90 degree rod joiners.

Installation: Screw in a rod joiner into your mounting accessory. Screw an extension rod to the other side of the rod joiner. Continue to use rod joiners and extension rods until the fixture is in the desired position.



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1750 Archibald Avenue
Ontario, CA 91760



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OPEN AIR™
collection



PRODUCT DETAILS:

- This chain or cable hung fixture may be installed on any sloped ceiling
- Suitable for use in wet (outdoor direct rain or sprinkler) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association Product Safety Standards
- Ideal for vintage filament bulbs (not included)
- 2 year finish warranty
- The stylish Open Air collection includes outdoor-rated chandeliers, pendants and sconces that provide design-conscious solutions to a variety of exterior environments.
- Classic, modern style with a nautical flair adds elegance to a variety of exteriors
- Bold and robust dark bronze finish

FINN

123950Z

MEDIUM SINGLE TIER

Finn fuses contemporary style and California coastal modern, making it ideal for either indoor or outdoor living. Finn features a warm wood finish with a jute rope inspired metal that has been handcrafted to reinforce the true coastal vibe. Finn is available in an Oil Rubbed Bronze with Sequoia finish.

DETAILS	
FINISH:	Oil Rubbed Bronze
MATERIAL:	Aluminum
GLASS:	Clear Seedy
SLOPE DEGREE:	90

DIMENSIONS	
WIDTH:	26"
HEIGHT:	16.5"
WEIGHT:	17lb

LIGHT SOURCE	
LIGHT SOURCE:	Socket
WATTAGE:	5-60w Cand.
VOLTAGE:	120v

MOUNTING	
CANOPY:	5.5" Dia.
LEAD WIRE:	1 X 72"

SHIPPING	
CARTON LENGTH:	28.5
CARTON WIDTH:	28.5
CARTON HEIGHT:	19.2
CARTON WEIGHT:	25.3

HINKLEY

HINKLEY
33000 Pin Oak Parkway
Avon Lake, OH 44012

PHONE: (440) 653-5500
Toll Free: 1 (800) 446-5539

hinkley.com

Project Name:	Type:
Part Number:	Date:



PREMIUM FILAMENT DECO. FAMILY

FEATURES

- Suitable to replace 40W and 60W incandescent
- Vintage look fits most decorative applications
- 320° omnidirectional beam angle
- Smooth dimming with most forward and reverse phase controls*
- Comfortable warm diffused light
- Full glass construction
- Suitable for use in wet locations, not suitable for use in totally enclosed fixtures
- Fixture operating temperature: -13°F to 95°F (-25°C to 35°C)
- Lamp ambient temperature: -13°F to 113°F (-25°C to 45°C)
- Rated Lifetime (L70): 15,000hrs
- 3 year limited warranty**



073021



SPECIFICATIONS

Product	Model	Equiv.	CCT	Finish	Wattage (W)	Lumens (LM)	Efficacy (LPW)	Power Factor	Input Voltage	CRI	Beam Angle	Dim.*	UL Location	Fixture Rating	ES / T20
36061	3.3FB11DIM/927/R	40W	2700K	Clear	3.3	300	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36062	3.3FB11DIM/927/E26/R	40W	2700K	Clear	3.3	300	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36063	3.3FB11DIM/927/FR/R	40W	2700K	Frosted	3.3	300	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36064	5.5FB11DIM/927/R	60W	2700K	Clear	5.5	500	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36065	5.5FB11DIM/927/E26/R	60W	2700K	Clear	5.5	500	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36066	3.5FBA11DIM/820/FT/A/R	40W	2000K	Amber	3.5	240	69	0.7	120V	82	320°	Yes	Wet	Non-Enclosed	N.A. / N.A.
36067	3.8FG16.5DIM/927/R	40W	2700K	Clear	3.8	350	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36068	3.8FG16.5DIM/927/E26/R	40W	2700K	Clear	3.8	350	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36069	4FG16.5DIM/820/A/R	40W	2000K	Amber	4	250	63	0.7	120V	82	320°	Yes	Wet	Non-Enclosed	N.A. / N.A.
36070	3.8FG25DIM/927/R	40W	2700K	Clear	3.8	350	92	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓
36071	4FG25DIM/820/A/R	40W	2000K	Amber	4	250	63	0.7	120V	82	320°	Yes	Wet	Non-Enclosed	N.A. / N.A.
36072	4.5FG25DIM/827/SB/R	40W	2700K	Silver Bowl	4.5	400	89	0.7	120V	82	320°	Yes	Wet	Non-Enclosed	N.A. / N.A.
36073	5.5FG40DIM/927/R	60W	2700K	Clear	5.5	500	91	0.7	120V	92	320°	Yes	Wet	Non-Enclosed	✓ / ✓

* This lamp might not be compatible with all dimmers. Please visit www.greencreative.com for compatibility information.

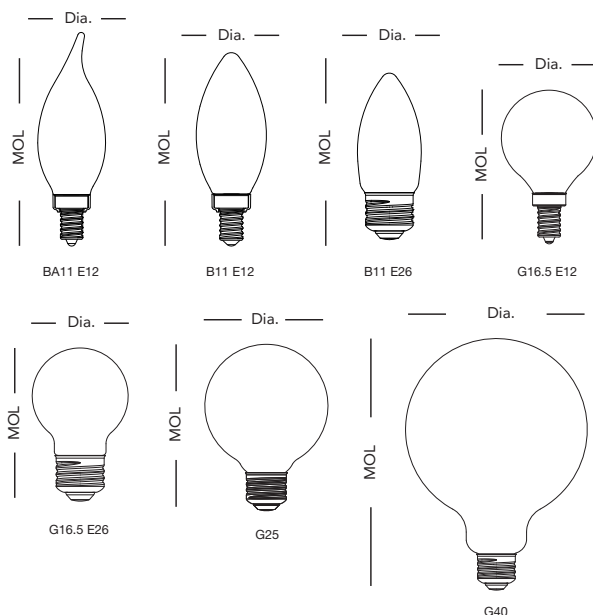
** Please visit www.greencreative.com for Limited Warranty terms.

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PREMIUM FILAMENT DECO. FAMILY

DIMENSION & WEIGHT



Product	Model	Base	MOL	Dia.	Weight
36061	3.3FB11DIM/927/R	E12	3-13/16"	1-3/8"	0.03lb
36062	3.3FB11DIM/927/E26/R	E26	3-9/16"	1-3/8"	0.04lb
36063	3.3FB11DIM/927/FR/R	E12	3-13/16"	1-3/8"	0.03lb
36064	5.5FB11DIM/927/R	E12	3-13/16"	1-3/8"	0.03lb
36065	5.5FB11DIM/927/E26/R	E26	3-9/16"	1-3/8"	0.04lb
36066	3.5FBA11DIM/820/FT/A/R	E12	4-3/8"	1-3/8"	0.03lb
36067	3.8FG16.5DIM/927/R	E12	3-3/16"	1-15/16"	0.04lb
36068	3.8FG16.5DIM/927/E26/R	E26	3-1/4"	2-1/16"	0.04lb
36069	4FG16.5DIM/820/A/R	E12	3-3/16"	1-15/16"	0.04lb
36070	3.8FG25DIM/927/R	E26	4-5/16"	3-1/8"	0.09lb
36071	4FG25DIM/820/A/R	E26	4-5/16"	3-1/8"	0.09lb
36072	4.5FG25DIM/827/SB/R	E26	4-5/16"	3-1/8"	0.09lb
36073	5.5FG40DIM/927/R	E26	6-7/8"	4-15/16"	0.22lb

ORDERING INFORMATION

Model	Product Series	Master Carton			Shipping Carton		
		Case Qty	Case Dimensions (LxWxH)	Case Weight	Case Qty	Case Dimensions (LxWxH)	Case Weight
36061	3.3FB11DIM/927/R	6 PCS	4-15/16" x 3-5/16" x 4-3/4"	0.53lb	24 PCS	10-5/8" x 7-1/2" x 5-5/16"	2.34lb
36062	3.3FB11DIM/927/E26/R	6 PCS	4-15/16" x 3-5/16" x 4-3/4"	0.53lb	24 PCS	10-5/8" x 7-1/2" x 5-5/16"	2.34lb
36063	3.3FB11DIM/927/FR/R	6 PCS	4-15/16" x 3-5/16" x 4-3/4"	0.53lb	24 PCS	10-5/8" x 7-1/2" x 5-5/16"	2.34lb
36064	5.5FB11DIM/927/R	6 PCS	4-15/16" x 3-5/16" x 4-3/4"	0.53lb	24 PCS	10-5/8" x 7-1/2" x 5-5/16"	2.34lb
36065	5.5FB11DIM/927/E26/R	6 PCS	4-15/16" x 3-5/16" x 4-3/4"	0.53lb	24 PCS	10-5/8" x 7-1/2" x 5-5/16"	2.34lb
36066	3.5FBA11DIM/820/FT/A/R	6 PCS	4-15/16" x 3-5/16" x 5-1/8"	0.59lb	24 PCS	6-7/8" x 7-1/16" x 5-7/8"	2.65lb
36067	3.8FG16.5DIM/927/R	12 PCS	6-7/8" x 4-3/4" x 8-7/16"	1.32lb	48 PCS	14-3/8" x 10-1/16" x 9-1/16"	5.69lb
36068	3.8FG16.5DIM/927/E26/R	12 PCS	6-7/8" x 4-3/4" x 8-7/16"	1.32lb	48 PCS	14-3/8" x 10-1/16" x 9-1/16"	5.69lb
36069	4FG16.5DIM/820/A/R	12 PCS	6-7/8" x 4-3/4" x 8-7/16"	1.32lb	48 PCS	14-3/8" x 10-1/16" x 9-1/16"	5.69lb
36070	3.8FG25DIM/927/R	6 PCS	10-7/16" x 7-1/16" x 5-11/16"	1.29lb	24 PCS	21-5/8" x 14-15/16" x 6-11/16"	5.62lb
36071	4FG25DIM/820/A/R	6 PCS	10-7/16" x 7-1/16" x 5-11/16"	1.29lb	24 PCS	21-5/8" x 14-15/16" x 6-11/16"	5.62lb
36072	4.5FG25DIM/827/SB/R	6 PCS	10-5/8" x 7-1/4" x 5-5/16"	1.29lb	24 PCS	21-13/16" x 14-7/8" x 6-1/8"	5.62lb
36073	5.5FG40DIM/927/R	6 PCS	15-15/16" x 10-13/16" x 7-7/8"	2.31lb	12 PCS	16-9/16" x 11-1/4" x 16-9/16"	9.70lb



PREMIUM FILAMENT DECO. FAMILY

CERTIFICATION INFORMATION		
Product	Model	ES ID#
36061	3.3FB11DIM/927/R	2329592
36062	3.3FB11DIM/927/E26/R	2331414
36063	3.3FB11DIM/927/FR/R	2378377
36064	5.5FB11DIM/927/R	2378396
36065	5.5FB11DIM/927/E26/R	2378395
36067	3.8FG16.5DIM/927/R	2378394
36068	3.8FG16.5DIM/927/E26/R	2378387
36070	3.8FG25DIM/927/R	2331415
36073	5.5FG40DIM/927/R	2381717

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MIST

1225BZ

LARGE WALL MOUNT LANTERN

The sleek design of the Mist collection discreetly emphasizes its contemporary heritage. Featuring a prominent interior panel of clear seedy glass captured on both ends and encased in a protective clear acrylic cylinder. Its solid aluminum construction is underscored by bold Satin Black, Bronze or Titanium finish options. Mist is both Dark Sky and ADA compliant.

DETAILS	
FINISH:	Bronze
MATERIAL:	Aluminum
GLASS:	Clear Acrylic Outside Cylinder & Seedy Glass Inside Panel

DIMENSIONS	
WIDTH:	4.8"
HEIGHT:	28.5"
WEIGHT:	6lb
BACK PLATE:	4.75" Sq.
EXTENSION:	4"
TOP TO OUTLET:	14.25"

LIGHT SOURCE	
LIGHT SOURCE:	LED Lamp
WATTAGE:	1-6.50w GU10 LED
VOLTAGE:	120v

SHIPPING	
CARTON LENGTH:	8
CARTON WIDTH:	8
CARTON HEIGHT:	32.5
CARTON WEIGHT:	7

PRODUCT DETAILS:

- Mounting hardware is hidden on the backplate to ensure a clean silhouette
- Suitable for use in wet (outdoor direct rain or sprinkler) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association Product Safety Standards
- Fixture is Dark Sky compliant and engineered to minimize light glare upward into the night sky
- 2 year finish warranty
- Bold lines and a clean, minimalist style complement contemporary architecture
- For LED lamping, a 6.5w GU10 LED lamp is recommended: GU10LED-3K
- Warm rich light bronze tone

HINKLEY

HINKLEY
33000 Pin Oak Parkway
Avon Lake, OH 44012

PHONE: (440) 653-5500
Toll Free: 1 (800) 446-5539

hinkley.com

Project Name:	Type:
Part Number:	Date:



VALUE SELECT MR FAMILY

FEATURES

- Suitable to replace 35W, 50W, 60W Halogen MR16 lamps
- Compatible with most low-voltage electronic transformers
- 35W and 50W models are dimmable with most electronic low voltage dimming controls*
- Compact size 1:1 halogen form factor
- Narrow flood and flood beam angles
- Suitable for use in totally enclosed fixtures
- Suitable for use in damp location
- Fixture operating temperature: -4°F to 95°F (-20°C to 35°C)
- Lamp ambient temperature: -4°F to 113°F (-20°C to 45°C)
- Rated Lifetime (L70): 25,000hrs
- 3 year limited warranty**



120221



SPECIFICATIONS

Product	Model	Equiv.	Wattage (W)	CCT	Lumens (lm)	Efficacy (LPW)	Input Voltage	Beam Angle	CBCP (cd)	CRI	Dim.*	Power Factor	Base	Fixture Rating	ES / JA8 / T20
36200	6.5MR16DIM/827NF25/35W	35W	6.5	2700K	460	71	12V	NF 25°	1,610	82	Yes	0.9	GU5.3	Enclosed	✓ / N.A. / N.A.
36201	6.5MR16DIM/830NF25/35W	35W	6.5	3000K	460	71	12V	NF 25°	1,610	82	Yes	0.9	GU5.3	Enclosed	✓ / N.A. / N.A.
36202	6.5MR16DIM/827FL35/35W	35W	6.5	2700K	460	71	12V	FL 35°	910	82	Yes	0.9	GU5.3	Enclosed	✓ / N.A. / N.A.
36203	6.5MR16DIM/830FL35/35W	35W	6.5	3000K	460	71	12V	FL 35°	910	82	Yes	0.9	GU5.3	Enclosed	✓ / N.A. / N.A.
36204	6.5MR16DIM/927NF25	50W	6.5	2700K	500	77	12V	NF 25°	2,350	92	Yes	0.9	GU5.3	Enclosed	✓ / ✓ / ✓
36205	6.5MR16DIM/930NF25	50W	6.5	3000K	520	80	12V	NF 25°	2,400	92	Yes	0.9	GU5.3	Enclosed	✓ / ✓ / ✓
36206	6.5MR16DIM/940NF25	50W	6.5	4000K	540	83	12V	NF 25°	2,450	92	Yes	0.9	GU5.3	Enclosed	✓ / ✓ / ✓
36207	6.5MR16DIM/927FL35	50W	6.5	2700K	500	77	12V	FL 35°	1,350	92	Yes	0.9	GU5.3	Enclosed	✓ / ✓ / ✓
36208	6.5MR16DIM/930FL35	50W	6.5	3000K	520	80	12V	FL 35°	1,400	92	Yes	0.9	GU5.3	Enclosed	✓ / ✓ / ✓
36209	6.5MR16DIM/940FL35	50W	6.5	4000K	540	83	12V	FL 35°	1,450	92	Yes	0.9	GU5.3	Enclosed	✓ / ✓ / ✓
36210	6GU10DIM/827FL40	50W	6	2700K	550	92	120V	FL 40°	700	82	Yes	0.7	GU10	Enclosed	✓ / N.A. / N.A.
36211	6GU10DIM/830FL40	50W	6	3000K	570	95	120V	FL 40°	750	82	Yes	0.7	GU10	Enclosed	✓ / N.A. / N.A.
36212	6PAR16DIM/827FL35/RC	60W	6	2700K	550	92	120V	FL 35°	1,000	82	Yes	0.7	E26	Enclosed	✓ / N.A. / N.A.
36213	6PAR16DIM/830FL35/RC	60W	6	3000K	570	95	120V	FL 35°	1,050	82	Yes	0.7	E26	Enclosed	✓ / N.A. / N.A.
57984	6MR16DIM/827FL35/R	50W	6	2700K	480	80	12V	FL 35°	1,350	82	Yes	0.9	GU5.3	Enclosed	✓ / N.A. / N.A.
57985	6MR16DIM/830FL35/R	50W	6	3000K	500	83	12V	FL 35°	1,400	82	Yes	0.9	GU5.3	Enclosed	✓ / N.A. / N.A.
57986	6MR16DIM/840FL35/R	50W	6	4000K	520	86	12V	FL 35°	1,450	82	Yes	0.9	GU5.3	Enclosed	✓ / N.A. / N.A.
57991	6PAR16DIM/830FL35/R	60W	6	3000K	500	83	120V	FL 35°	1,050	82	Yes	0.9	E26	Enclosed	✓ / N.A. / N.A.

* This lamp might not be compatible with all dimmers and low-voltage transformers. Please visit www.greencreative.com for compatibility information.

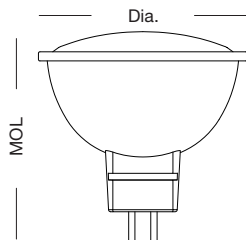
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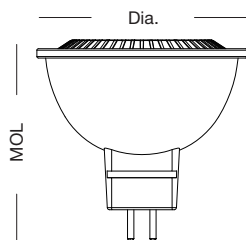
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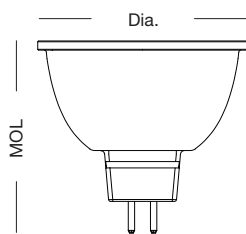
DIMENSIONS & WEIGHT



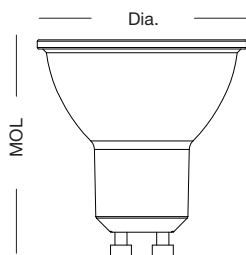
Model	Base	Dia.	MOL	Weight
6.5MR16DIM/827NF25/35W	GU5.3	1-15/16"	2"	0.1lb
6.5MR16DIM/830NF25/35W				



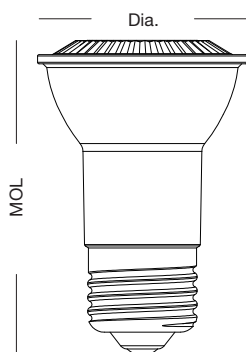
Model	Base	Dia.	MOL	Weight
6.5MR16DIM/827FL35/35W	GU5.3	1-15/16"	1-15/16"	0.09lb
6.5MR16DIM/830FL35/35W				



Model	Base	Dia.	MOL	Weight
6.5MR16DIM/927NF25	GU5.3	1-15/16"	1-13/16"	0.1lb
6.5MR16DIM/930NF25				
6.5MR16DIM/940NF25				
6.5MR16DIM/927FL35				
6.5MR16DIM/930FL35				
6.5MR16DIM/940FL35				



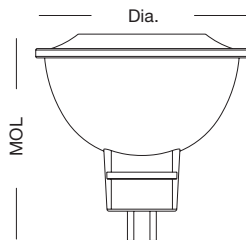
Model	Base	Dia.	MOL	Weight
6GU10DIM/827FL40	GU10	1-15/16"	2-1/16"	0.08lb
6GU10DIM/830FL40				



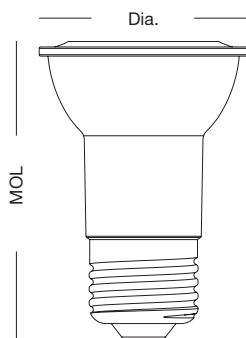
Model	Base	Dia.	MOL	Weight
6PAR16DIM/827FL35/RC	E26	1-15/16"	2-15/16"	0.09lb
6PAR16DIM/830FL35/RC				

VALUE SELECT MR FAMILY

DIMENSIONS & WEIGHT



Model	Base	Dia.	MOL	Weight
6MR16DIM/827FL35/R	GU5.3	1-15/16"	1-15/16"	0.1lb
6MR16DIM/830FL35/R				
6MR16DIM/840FL36/R				



Model	Base	Dia.	MOL	Weight
6PAR16DIM/830FL35/R	E26	1-15/16"	2-13/16"	0.1lb

ORDERING INFORMATION

Model	Master Carton			Shipping Carton		
	Case Qty	Case Dimensions (LxWxH)	Case Weight	Case Qty	Case Dimensions (LxWxH)	Case Weight
6.5MR16DIM/xxxxxxx/35W	12PCS	8-7/8" x 6-11/16" x 2-3/4"	1.59 lb	48PCS	13-3/4" x 9-3/8" x 6-1/2"	6.98 lb
6.5MR16DIM/xxxxxxx	12PCS	8-7/8" x 6-11/16" x 2-3/4"	1.59 lb	48PCS	13-3/4" x 9-3/8" x 6-1/2"	6.98 lb
6GU10DIM/xxxxxxx	12PCS	8-7/8" x 6-11/16" x 2-15/16"	1.4 lb	48PCS	13-3/4" x 9-3/8" x 6-13/16"	6.21 lb
6PAR16DIM/xxxxxxx/RC	12PCS	8-7/8" x 6-11/16" x 3-11/16"	1.6 lb	48PCS	13-3/4" x 9-3/8" x 8-1/4"	7.1 lb
6MR16DIM/xxxxxxx/R	12PCS	8-7/8" x 6-11/16" x 2-3/4"	1.62 lb	48PCS	13-3/4" x 9-3/8" x 6-1/2"	7.12 lb
6PAR16DIM/xxxxxxx/R	12PCS	8-3/8" x 6-11/16" x 3-11/16"	1.9 lb	48PCS	13-7/8" x 9-1/4" x 4-3/4"	8.32 lb

Where xxx means 824-965 which indicates CRI and color temperature
Where yyyy means beam angle

CERTIFICATION INFORMATION

Product	Model	ES ID#	Product	Model	ES ID#
36200	6.5MR16DIM/827NF25/35W	2388773	36209	6.5MR16DIM/940FL35	2387981
36201	6.5MR16DIM/830NF25/35W	2388774	36210	6GU10DIM/827FL40	2388068
36202	6.5MR16DIM/827FL35/35W	2388775	36211	6GU10DIM/830FL40	2388069
36203	6.5MR16DIM/830FL35/35W	2388776	36212	6PAR16DIM/827FL35/RC	2388065
36204	6.5MR16DIM/927NF25	2387976	36213	6PAR16DIM/830FL35/RC	2388067
36205	6.5MR16DIM/930NF25	2387978	57984	6MR16DIM/827FL35/R	2334431
36206	6.5MR16DIM/940NF25	2387980	57985	6MR16DIM/830FL35/R	2334430
36207	6.5MR16DIM/927FL35	2387977	57986	6MR16DIM/840FL35/R	2334429
36208	6.5MR16DIM/930FL35	2387979	57991	6PAR16DIM/830FL35/R	2334661

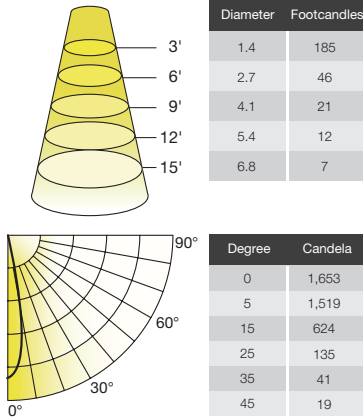
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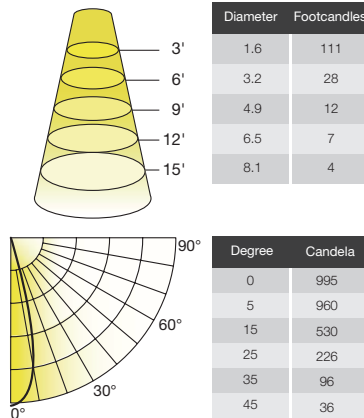
VALUE SELECT MR FAMILY

ILLUMINANCE & CANDELA DISTRIBUTION

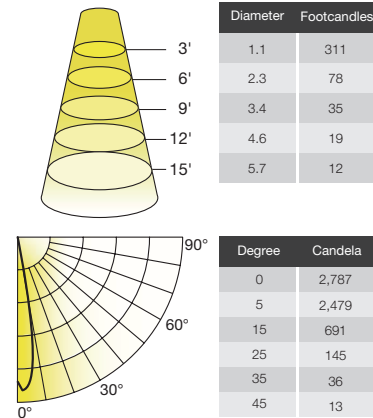
6.5MR16DIM/827NF25/35W



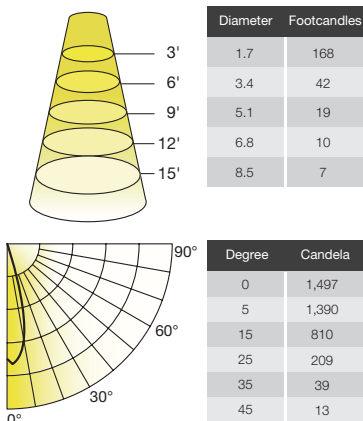
6.5MR16DIM/827FL35/35W



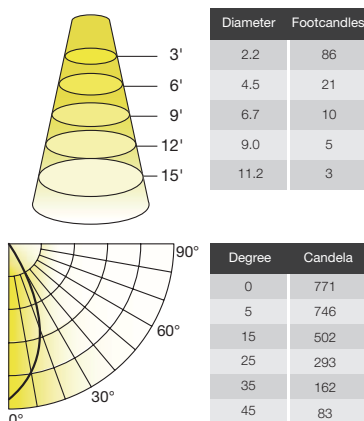
6.5MR16DIM/927NF25



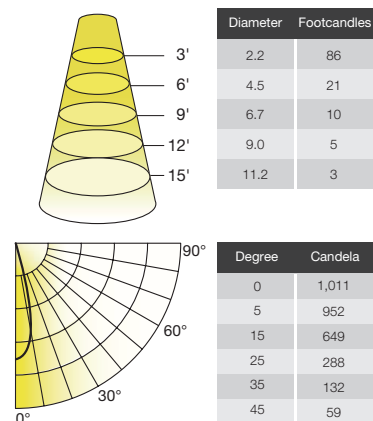
6.5MR16DIM/927FL35



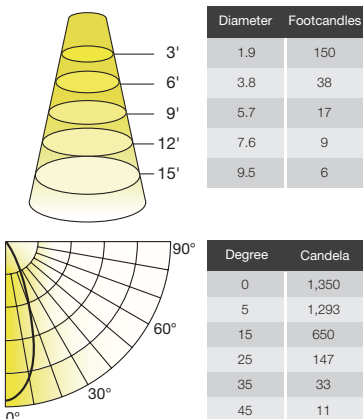
6GU10DIM/827FL40



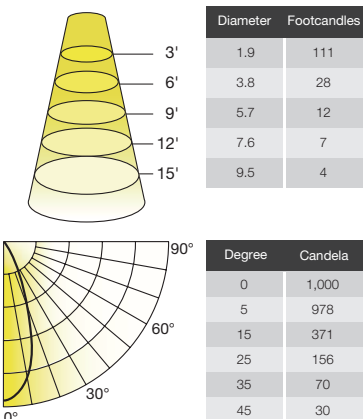
6PAR16DIM/827FL35/RC



6MR16DIM/827FL35/R



6PAR16DIM/827/FL35/R



For other CCT use the following multiplier: 3000K 1.02, 4000K 1.04.

Note: All rights reserved. All sizes and specifications are subject to change at any time without notice.

www.greencreative.com - info@greencreative.com - Tel / Fax: (866) 774-5433 - f / GREENCREATIVELED / GClightingLED / GREEN-CREATIVE

An ILLUMUS Brand

BOWMAN 4 WALL SCONCE



The classic silhouette of this sleek LED wall sconce makes it suitable for both indoor and outdoor applications. The Bowman's die-cast aluminum body houses a powerful, long-lasting LED light source tightly controlled for down light only, yet supplying significant illumination for even the darkest nights. Available in two sizes and five finishes.

Outstanding protection against the elements:

- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized frosted acrylic lensing

SPECIFICATIONS

DELIVERED LUMENS	696.6
WATTS	17.8
VOLTAGE	120V, 277V
DIMMING	ELV
LIGHT DISTRIBUTION	Symmetric
MOUNTING OPTIONS	Downlight
CCT	2700K**, 3000K
CRI	90+
COLOR BINNING	3 Step
BUG RATING	B1-U0-G0
DARK SKY	Compliant
WET LISTED	IP65
GENERAL LISTINGS	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	No
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70; >60,000 Hours
WARRANTY*	5 Years
WEIGHT	1.7 lbs.

* Visit techlighting.com for specific warranty limitations and details.
 ** Available in Black and Bronze finish only.



BOWMAN 4
Shown in Black



BOWMAN 4
Shown in Bronze



BOWMAN 4
Shown in Charcoal



BOWMAN 4
Shown in Silver



BOWMAN 4
Shown in White

ORDERING INFORMATION

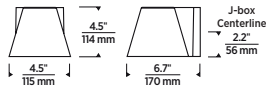
PRODUCT	LENGTH	FINISH	LAMP
700WSBOW	4" 4"	B BLACK Z BRONZE H CHARCOAL I SILVER W WHITE	-LED827 LED 90 CRI, 2700K 120V* -LED827-277 LED 90 CRI, 2700K 277V* -LED830 LED 90 CRI, 3000K 120V -LED830-277 LED 90 CRI, 3000K 277V

*AVAILABLE IN BLACK AND BRONZE FINISH ONLY

techlighting.com

UPDATED 5/24/22

BOWMAN 4 WALL SCONCE

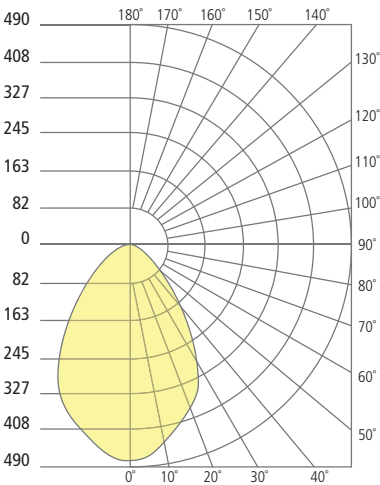


Bowman 4

PHOTOMETRICS*

*For latest photometrics, please visit www.techlighting.com/OUTDOOR

BOWMAN 4
Total Lumen Output: 696.7
Total Power: 17.2
Luminaire Efficacy: 39.1
Color Temp: 3000K
CRI: 90+
BUG Rating: B1-U0-GO



PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



VISUAL COMFORT & CO.

7400 Linder Avenue, Skokie, Illinois 60077
T 847.410.4400



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BOWMAN 4 WALL SCONCE



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Outstanding protection against the elements:

- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized frosted acrylic lensing

SPECIFICATIONS

DELIVERED LUMENS	696.6
WATTS	17.8
VOLTAGE	120V, 277V
DIMMING	ELV
LIGHT DISTRIBUTION	Symmetric
MOUNTING OPTIONS	Downlight
CCT	2700K**, 3000K
CRI	90+
COLOR BINNING	3 Step
BUG RATING	B1-U0-G0
DARK SKY	Compliant
WET LISTED	IP65
GENERAL LISTINGS	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	No
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70; >60,000 Hours
WARRANTY*	5 Years
WEIGHT	1.7 lbs.

* Visit techlighting.com for specific warranty limitations and details.
 ** Available in Black and Bronze finish only.



BOWMAN 4
Shown in Black



BOWMAN 4
Shown in Bronze



BOWMAN 4
Shown in Charcoal



BOWMAN 4
Shown in Silver



BOWMAN 4
Shown in White

ORDERING INFORMATION

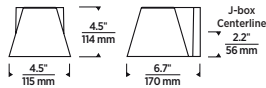
PRODUCT	LENGTH	FINISH	LAMP
700WSBOW	4" 4"	B BLACK Z BRONZE H CHARCOAL I SILVER W WHITE	-LED827 LED 90 CRI, 2700K 120V* -LED827-277 LED 90 CRI, 2700K 277V* -LED830 LED 90 CRI, 3000K 120V -LED830-277 LED 90 CRI, 3000K 277V

*AVAILABLE IN BLACK AND BRONZE FINISH ONLY

techlighting.com

UPDATED 5/24/22

BOWMAN 4 WALL SCONCE

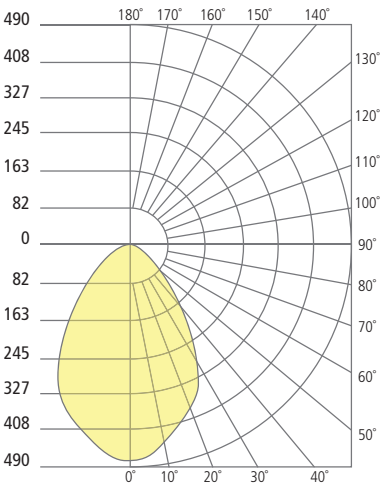


Bowman 4

PHOTOMETRICS*

*For latest photometrics, please visit www.techlighting.com/OUTDOOR

BOWMAN 4
Total Lumen Output: 696.7
Total Power: 17.2
Luminaire Efficacy: 39.1
Color Temp: 3000K
CRI: 90+
BUG Rating: B1-U0-G0



PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



VISUAL COMFORT & CO.

7400 Linder Avenue, Skokie, Illinois 60077
T 847.410.4400

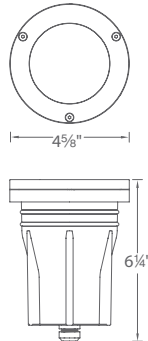


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3" INGROUND 120V

5032

WAC**LANDSCAPE LIGHTING**Fixture Type: Catalog Number: Project: Location: **PRODUCT DESCRIPTION**

Landscape Wall Wash luminaire

FEATURES

- Adjustable beam angle
- Integral dimmer
- IP67 rated, protected from temporary immersion under water
- Drive over up to 4500lbs
- Solid diecast brass or corrosion resistant aluminum
- Available concrete pour kit
- 6' lead wire and wire nuts included
- Maintains constant lumen output against voltage drop
- UL 1598 listed for indoor and outdoor use
- Not suitable to use with external dimmers

SPECIFICATIONS

Input: 110V - 120VAC
Power: 3W to 11.5W
Brightness: 65 lm to 515 lm
Beam Angle: 15° to 60°
CRI: 85
Rated Life: 45,000 hours

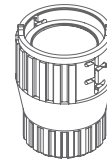
IEC safety Standard	Walk over	Drive over
Resistance to static load test	Yes (1125lbs)	Yes (4496lbs)
Resistance to torque and shear loads test	N/A	Yes

ORDERING NUMBER

	Color Temp	Finish
5032 3" Inground 120V	30 3000K	BZ Bronze on Aluminum BBR Bronze on Brass

Module Replacement

3000K	M5032LE-30BZ
-------	---------------------

**5032-30**Example: **5032-30BBR**

wacighting.com
 Phone (800) 526.2588
 Fax (800) 526.2585

Headquarters/Eastern Distribution Center
 44 Harbor Park Drive
 Port Washington, NY 11050

Central Distribution Center
 1600 Distribution Ct
 Lithia Springs, GA 30122

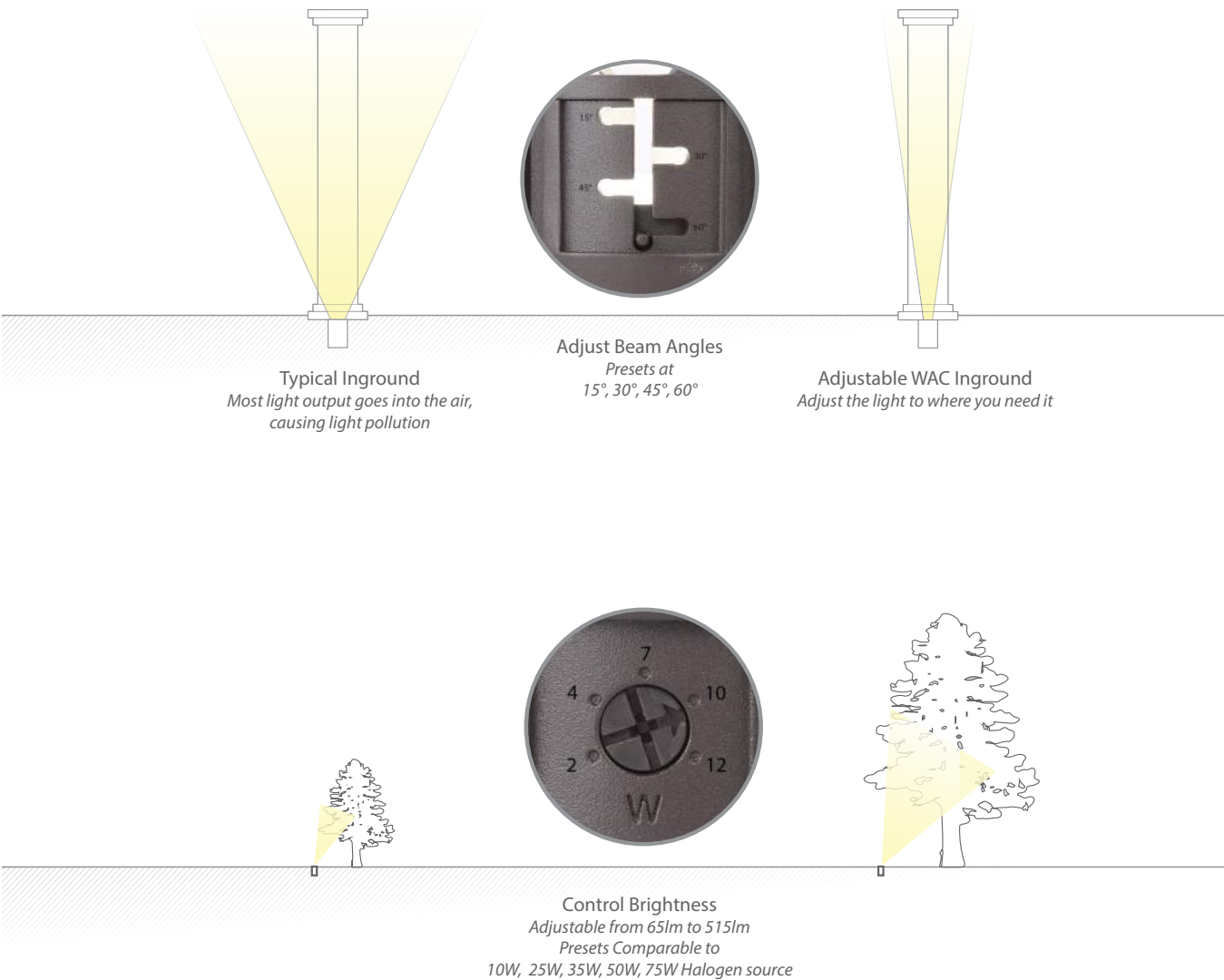
Western Distribution Center
 1750 Archibald Avenue
 Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. AUG 2017

3" INGROUND 120V

5032

WAC
LANDSCAPE LIGHTING



wacighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

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3" INGROUND 120V
5032

WAC
LANDSCAPE LIGHTING

Rock Guard

Protects the fixture face



5030-GRD-BZ
Bronze on Aluminum

5030-GRD-BBR
Bronze on Brass

Optics

Enhances saturation of florals and foliage



LENS-25-AMB
Amber

LENS-25-RED
Red

LENS-25-FR
Frosted

LENS-25-GRN
Green

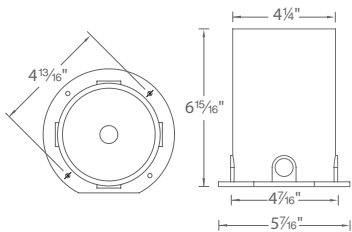
LENS-25-BLU
Blue

LENS-25-HCL
Honeycomb Louver
Reduces glare

Concrete Pour Kit

For installation in concrete
Five 1/2" NPT threaded holes, PC

5030-PIP-PVC
Shown with temporary dense foam cap



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Phone (800) 526.2588
Fax (800) 526.2585

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Port Washington, NY 11050

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1600 Distribution Ct
Lithia Springs, GA 30122

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TURBO LIGHT COLUMN



The distinctively modern Turbo cylindrical light column is a powerful outdoor LED solution for general illumination and area lighting. The Turbo light column has symmetric optics with beam spread options 20° or 40° as well as two different lumen output options.

Universal 120-277V driver with integral transient surge protection

Outstanding protection against the elements:

- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized frosted acrylic lensing

Beam spread options, 20 degree and 40 degree

SPECIFICATIONS

DELIVERED LUMENS	2100 or 4517
WATTS	28 or 60
VOLTAGE	Universal 120-277V, with integral transient 2.5kV surge protection (driver)
SECONDARY SURGE PROTECTOR	10kA
DIMMING	0-10
LIGHT DISTRIBUTION	Symmetric
OPTICS	20° or 40°
MOUNTING OPTIONS	Bolt
PERFORMANCE OPTIONS	Photocontrol / In-line Fuse
CCT	3000K or 4000K
CRI	80
COLOR BINNING	3 Step
BUG RATING	B1-U2-G0
DARK SKY	Compliant
WET LISTED	IP65
GENERAL LISTING	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	Yes
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70; >60,000 Hours
WARRANTY*	5 Years
WEIGHT	70 lbs.

* Visit techlighting.com for specific warranty limitations and details.



TURBO COLUMN
shown in bronze

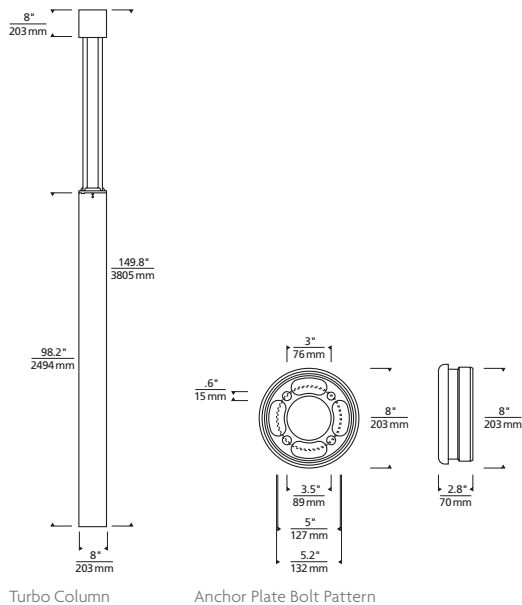
TURBO COLUMN
shown in charcoal

ORDERING INFORMATION

PRODUCT	CRI/CCT	LENGTH	BEAM SPREAD	FINISH	VOLTAGE	OUTPUT	DISTRIBUTION	OPTIONS
7000CTUR	830 80 CRI, 3000K 840 80 CRI, 4000K	12 12'	20 20° NARROW 40 40° WIDE	Z BRONZE H CHARCOAL	UNV 120V-277V	1 60W / 4517 LUMENS 2 28W / 2100 LUMENS	S SYMMETRIC	NONE PC BUTTON PHOTOCONTROL LF IN-LINE FUSE PCLF BUTTON PHOTOCONTROL & IN-LINE FUSE

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TURBO LIGHT COLUMN

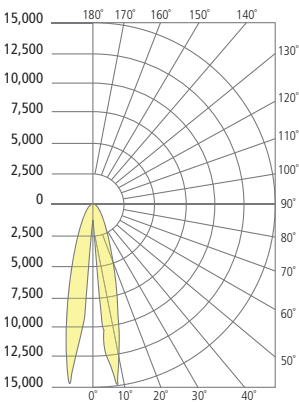


PHOTOMETRICS*

*For latest photometrics, please visit www.techlighting.com/OUTDOOR

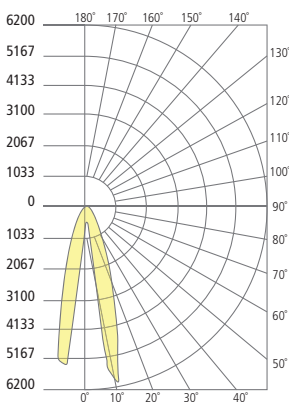
TURBO COLUMN 40° LOW OUTPUT

Total Lumen Output: 2100
Total Power: 28
Luminaire Efficacy: 75
Color Temp: 4000K
CRI: 80+
BUG Rating: B1-U2-G0



TURBO COLUMN 20° HIGH OUTPUT

Total Lumen Output: 4517
Total Power: 60.4
Luminaire Efficacy: 75
Color Temp: 4000K
CRI: 80+
BUG Rating: B1-U2-G0



PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES



VISUAL COMFORT & CO.

7400 Linder Avenue, Skokie, Illinois 60077
T 847.410.4400



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initia™ INIT3 | 3" APERTURE
Downlight | Wall Wash | 400 – 1500 Lumens



TRIM STYLES



Deep Reflector



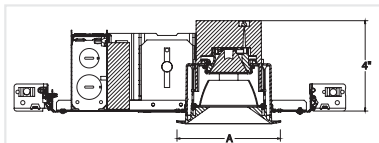
Bevel



Pinhole



Lensed Wall Wash



A Dimension:
Self Flanged: 4.625"
Flangeless: 3.875"

FEATURES

AFFORDABLE & ELEGANT PRECISION RECESSED

- Complete family of recessed downlight, adjustable, and wall wash luminaires
- Available with reflector, bevel and pinhole trims
- Coordinated apertures with Aculux AX3 family

QUIET AND GLARE FREE APERTURES

- Deep source regression with 45-degree visual cutoff
- Total Internal Reflection (TIR) Optics in four (4) beam spreads

EXCELLENT PERFORMANCE

- Up to 1500 lumens delivered!
- Exceptionally consistent color with < 2SDCM
- Excellent color rendition with 80+ CRI | 90+ CRI Available
- WarmDim® option mimics halogen dimming (3000K - 1800K)

PERFORMANCE

Static White*

LUMEN PACKAGE	WATTS IN	DELIVERED LUMENS	EFFICACY (LPW)
04LM	5	492	98
08LM	8	854	107
12LM	12	1294	108
15LM	16	1605	100

WarmDim®

LUMEN PACKAGE	WATTS IN	DELIVERED LUMENS	EFFICACY (LPW)
08LM	12	828	68
10LM	16	1070	67

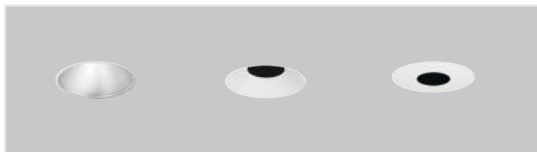
*Performance with NT3DP at 3000K | 80CRI
Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.



FLANGE STYLES



Flanged



Flangeless (Gypsum)



initia™ INIT3 | 3" APERTURE

Downlight | Wall Wash | 400 – 1500 Lumens



ORDERING INFORMATION

EXAMPLE: INIT3 D 15LM 30K 90CRI 25D EZ1 MVOLT NT3DP CD SF

Housing Style	Lumens	CCT	CRI	Beam	Driver	Voltage ⁴	Ratings	Options
INIT3 D New Construction Downlight & Wall Wash	Static White 04LM ¹ 400 lumens 08LM 800 lumens 12LM 1200 lumens 15LM 1500 lumens	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 90CRI ²	18D 18° beam 25D 25° beam 35D 35° beam 50D 50° beam	FPC Phase cut dim (1% min) EZ1 eldoLED 0-10V (linear 1% min) GZ1 0-10V (Linear 1% min) ECOS2 ³ Lutron 2-wire (1% min) ECOD ³ Lutron EcoSystem (1% min)	120 277 MVOLT (120-277)	(blank) Non-IC Rated CP ⁵ Chicago Plenum ICAT ⁵ IC Rated, Air-tight	NLIGHT ⁶ nLight Dimming E5WT20R ⁷ Emergency 5W battery pack with remote test switch, T20 compliant E5WR ⁷ Emergency 5W battery pack with remote test switch
INIT3 DR Remodel Downlight & Wall Wash	WarmDim® 08LM 800 Lumens 10LM ⁹ 1000 lumens	WDIM HALR 3000K - 1800K	90CRI	25D 25° beam 35D 35° beam 50D 50° beam				

Downlight Trim	Reflector Finish	Flange Style	Trim Lens Environment	Ceiling Installation
Reflector NT3DP 	W White Paint CD Clear Diffuse CS Clear Specular BS Black Specular WTD Wheat Diffuse	Flanged SF Self Flanged (same finish as reflector) WHSF Self Flanged, White Painted Flange (not available with W finish) Flangeless ⁸ FM Flangeless	(blank) Open Damp Location WSOL Solite Wet Location	Flanged (blank) Ceiling 0.5" - 1.5" Flangeless (Gypsum) NT3FMA Ceiling 0.5" - 1.5"
Bevel NT3DBV BD 	Finish & Flange Style Flanged WHSF White, Flanged BLSF Black, Flanged Flangeless ⁸ WHFM White, Flangeless BLFM Black, Flangeless		(blank) Open Damp Location WSOL Solite Wet Location	Flanged (blank) Ceiling 0.5" - 1.5" Flangeless (Gypsum) NT3FMA Ceiling 0.5" - 1.5"
Pinhole NT3DPIN BD 	1 3/4" Pinhole Downlight			

Wall Wash Trim	Reflector Finish	Flange Style	Environment	Ceiling Installation
Lensed Wall Wall NT3WW 	W White Paint CD Clear Diffuse CS Clear Specular BS Black Specular WTD Wheat Diffuse	Flanged SF Self Flanged (same finish as reflector) WHSF Self Flanged, White Painted Flange (not available with W finish) Flangeless ⁸ FM Flangeless	(blank) Damp Location	Flanged (blank) Ceiling 0.5" - 1.5" Flangeless (Gypsum) NT3FMA Ceiling 0.5" - 1.5"
*Must specify 25D beam with wall wash trim				

REFLECTOR & WALL WASH FINISHES

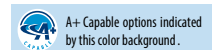


BEVEL & PINHOLE FINISHES



ORDERING NOTES

- 04LM available with FPC driver only.
- 90CRI not available on 40K CCT.
- ECOS2 & ECOD not available with ICAT at 15LM. ECOS2 not available with WDIM with ICAT.
- MVOLT standard on EZ1, GZ1, ECOD unless NLIGHT specified. Must be 120 for ECOS2, FPC.
- CP & ICAT available on new construction only.
- NLIGHT available on Non-IC with EZ1 only. Must specify 120 or 277 volts.
- E5WT20R & E5WR not available with remodel, ICAT, or CP.
- For flangeless trims, must specify flangeless installation (NT3FMA).
- 10LM WDIM not available with ICAT or CP.





initia™ INIT3 | 3" APERTURE
Downlight | Wall Wash | 400 – 1500 Lumens



ACCESSORIES

Beam Control Lenses & Filters			Replacement Optics		Optional Installation Accessories	
Beam Control Lenses		UV Filter & Color Correction	Static White Optics		Bar Hangers	
DIFF 200	Diffuse Spread Lens	UVF 200	UV Filter Lens	NT3OPT/18D	18° beam	HB26 26" C-Channel Bar Hangers
SOLITE 200	Solite Uniformity Lens	DCCF 200 HAL4250	Daylight Blue Correction	NT3OPT/25D	25° beam	HB50 50" C-Channel Bar Hangers
PRISM 200	Prismatic Lens			NT3OPT/35D	35° beam	LB27 27" Linear Bar Hangers
LSPREAD 200	Linear Spread Lens			NT3OPT/50D	50° beam	Note: Fixture supplied with residential style bar hangers (except when specified with battery)
HCLBL 200	Hexcell Louver					
				WarmDim® Optics		
				NT3WDOPT/25D	25° beam	
				NT3WDOPT/35D	35° beam	
				NT3WDOPT/50D	50° beam	

PRODUCT SPECIFICATIONS

FIELD INTERCHANGEABLE LED LIGHT ENGINE

- <2SDCM Binning
- 2700K | 3000K | 3500K | 4000K CCT
- 80+ CRI available for all CCTs
- 90+ CRI available for 2700K, 3000K, 3500K
- WarmDim mimics halogen, with CCT shifting from 3000K to 1800K when dimmed.
- Future proof and easy to maintain - serviceable from below the ceiling

OPTICAL SYSTEM

- 45° visual cutoff to source and source image
- Field interchangeable TIR optics from 18° FWHM to 50° FWHM provide smooth, striation-free beams
- Accommodates 1 beam control lens or filter

HIGH QUALITY TRIMS

- Available with die cast bevels, pinholes, and angle cut reflectors
- Flanged and flangeless for gypsum
- Must specify NT3FMA for gypsum flangeless installation

FIELD REPLACEABLE DRIVER

- Accommodates 120-277V input and multiple control protocols
- Dims without perceived flicker to <1% depending on driver specified
- Field replaceable from below the ceiling
- >0.9 Power Factor

BUY AMERICAN

- This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT.
- Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY & RATED LIFE

- LED is rated for >50,000 hours at 70% lumen maintenance
- 5- year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

EMERGENCY BATTERY

- Provides a minimum of 400 lumens (3000K, 80CRI) for minimum duration of 90 minutes.
- Above ceiling access required.
- Supplied with remote test switch
- E5WT20R option is CEC T20 Compliant

CEILING THICKNESS

- Accommodates ½" to 1 1/2" ceiling thickness

INSTALLATION

- New construction or remodel (install from below) are available.
- Residential style bar hanger provided with all new construction housings except when specified with emergency battery.
- Vertically adjustable mounting brackets (butterfly brackets) are provided on non-ICAT new construction housings.

JUNCTION BOX

- New construction housings are rated for (4) No. 12 AWG 90°C through branch circuit conductors (excludes ECOS2 & ECOD drivers)
- New Construction housings include (6) ½", (1) ¾", (4) Non-metallic sheathed cable knock-outs.
- Remodel housings feature (8) ½" knockouts suitable for daisy chain wiring.
- Push-in electrical connectors for field connections.

CODES & LABELS

- UL & cUL listed for through branch wiring (excludes ECOS2 & ECOD), damp location. Listed for wet location with WSOL option.
- ICAT meets energy code air leakage requirements per ASTM E283
- ENERGY STAR® certified with NT3DP and NT3DBV (excluding 50D beam) trims for static white @ 80CRI and NT3DP trims (excluding: BS finish, ECOD & ECOS2 drivers) for warmdim.
- Title 24, Part 6: JA-8 Compliant with 90CRI and ICAT. Refer to CEC T24 website for compatible trims.
- ICAT housings are rated for direct contact with insulation
- Low Density open-cell Spray Foam Insulation Compatible: 04LM|08LM|12LM (ICAT option) are compatible with foam insulation with an R-Value of 4.3 per inch or less (excludes ECOS2, ECOD, & WDIM)
- Medium Density closed-cell Spray Foam Insulation Compatible: 04LM|08LM (ICAT option) are compatible with foam insulation with an R-Value of 6.8 per inch or less (excludes ECOS2, ECOD, & WDIM)
- Union made

A+ CAPABLE LUMINAIRE

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background on ordering information*

To learn more about A+, visit www.acuitybrands.com/aplus.



initia™ INIT3 | 3" APERTURE

Downlight | Wall Wash | 400 – 1500 Lumens



DIMENSIONS

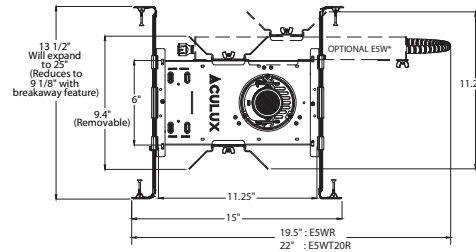
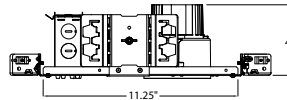
NEW CONSTRUCTION

Ceiling Cutout: 4" Dia. (Refer to installation instructions for flangeless ceiling cutout)

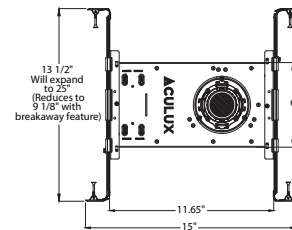
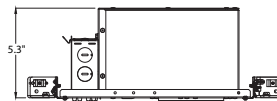
Ceiling Thickness Range: 1/2" – 1 1/2" (see ordering matrix)



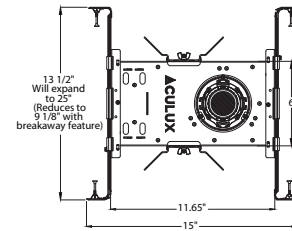
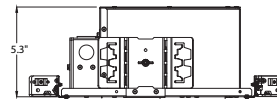
Non-ICAT



ICAT



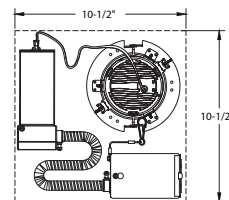
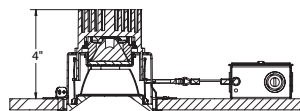
CP



REMODEL (install from below)

Ceiling Cutout: 4.25" Dia. (Refer to installation instructions for flangeless ceiling cutout)

Ceiling Thickness Range: 1/2" – 1 1/2" (see ordering matrix)



ELECTRICAL SPECIFICATIONS

LUMEN PACKAGE	Static White				WarmDim® 			
	04LM		08LM		12LM		15LM	
Voltage	120	277	120	277	120	277	120	277
Input Watts	4.6	4.8	7.7	7.8	11.9	12.3	16.1	16.4
Input Current	0.04	0.02	0.06	0.03	0.1	0.05	0.13	0.06
Frequency	50/60HZ		50/60HZ		50/60HZ		50/60HZ	
Power Factor	.9 MIN.		.9 MIN.		.9 MIN.		.9 MIN.	

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INIT3 DL WW | Rev. 06/20/22
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initia™ INIT3 | 3" APERTURE

Downlight | Wall Wash | 400 – 1500 Lumens



PHOTOMETRICS

Tested in accordance to IESNA LM79

18 Degree Beam

INIT3 D 12LM 30K 80CRI 18D EZ1 MVOLT NT3DP CD, input watts: 11.9, delivered lumens: 1234, LPW: 103.7, S/MH: 0.30, test no.: 19-951-01

	CP Summary	Zonal Lumen Summary			Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
					pf	20%										Mounting Height	Initial FC Center Beam	Beam Diameter	
						pc	50%	30%	10%	50%	30%	10%	50%	30%	10%				
0°	7,658	Zone	Lumens	% Fixture	0	119	119	119	116	116	111	111	111	6.0	212.7	1.9	45°	2,028	
5°	6,002	0° - 30°	1,185	96%	1	113	111	109	111	109	108	108	104	8.0	119.7	2.5	55°	1,648	
15°	1,653	0° - 40°	1,220	99%	2	108	105	102	106	104	101	103	101	99	10.0	76.6	3.1	65°	231
25°	493	0° - 60°	1,233	100%	3	103	100	97	102	99	96	100	97	95	12.0	53.2	3.8	75°	126
35°	48	0° - 90°	1,234	100%	4	99	96	93	98	95	92	96	93	91	14.0	39.1	4.4	85°	0
45°	9				5	96	92	89	95	91	89	93	90	88					
55°	6				6	93	89	86	92	88	85	91	87	85					
65°	1				7	90	86	83	89	85	83	88	85	82					
75°	0				8	87	83	80	87	83	80	86	82	80					
85°	0				9	85	81	78	84	81	78	84	80	78					
90°	0				10	82	79	76	82	78	76	81	78	76					

25 Degree Beam

INIT3 D 12LM 30K 80CRI 25D EZ1 MVOLT NT3DP CD, input watts: 11.9, delivered lumens: 1238, LPW: 104.0, S/MH: 0.51, test no.: 19-951-08

<
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35 Degree Beam

INIT3 D 12LM 30K 80CRI 35D EZ1 MVOLT NT3DP CD, input watts: 12.0, delivered lumens: 1294, LPW: 107.8, S/MH: 0.60, test no.: 19-951-15

|--|

50 Degree Beam

INIT3 D 12LM 30K 80CRI 50D EZ1 MVOLT NT3DP CD, input watts: 11.9, delivered lumens: 1072, LPW: 90.1, S/MH: 0.65, test no.: 19-951-22

	CP Summary	Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf	20%										Mounting Height	Initial FC Center Beam		Beam Diameter	
							pc	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0°	1,952	0° - 30°	867	81%	0	119	119	119	116	116	116	111	111	111	6.0	54.2	4.6	45°	3,157		
5°	1,849	0° - 40°	1,038	97%	2	105	101	109	107	109	105	105	104	102	8.0	30.5	6.1	55°	2,188		
15°	1,336	0° - 60°	1,070	100%	2	105	101	98	103	100	97	100	97	95	10.0	19.5	7.6	65°	578		
25°	720	0° - 90°	1,072	100%	3	98	94	90	97	93	90	94	91	88	12.0	13.6	9.1	75°	315		
35°	263				4	93	88	84	92	87	83	90	86	83	14.0	10.0	10.6	85°	187		
45°	14				5	88	82	79	87	82	78	85	81	78							
55°	8				6	83	78	74	82	77	74	81	76	73							
65°	2				7	79	73	70	78	73	69	77	72	69							
75°	1				8	75	70	66	74	69	66	73	69	65							
85°	0				9	71	66	62	71	66	62	70	65	62							
90°	0				10	68	63	59	68	63	59	67	62	59							

LUMEN | CBCP MULTIPLIERS

CCT	80+ CRI	90+ CRI	04LM	08LM	10LM	12LM	15LM
2700K	0.96	0.83	0.38	0.66	0.85	1.00	1.24
3000K	1.00	0.86	*Refer to website for additional photometry (alternate trims, CCT/CRI, lumen packages)				
3500K	1.03	0.89					
4000K	1.05	-					
WDIM HALR	-	0.97					

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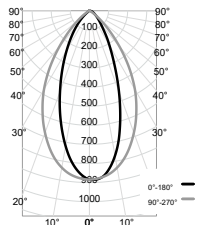
initia™ INIT3 | 3" APERTURE
Downlight | Wall Wash | 400 – 1500 Lumens



PHOTOMETRICS

Tested in accordance to IESNA LM79

INIT3 D 12LM 30K 80CRI 25D EZ1 MVOLT NT3WW CD, input watts: 12.7, delivered lumens: 714, LPW: 58.3, S/MH: 0.65, test no.: 20-081-01



CP Summary			Zonal Lumen Summary				Coefficients of Utilization												Luminance (cd/sq.m)	
							pl	80%				20%				50%				Average Luminance
							pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				
0°	885	885	0° - 30°	471	64%		0	119	119	119	116	116	111	111	111	111	111	111	45°	15,948
5°	868	872	0° - 40°	620	84%		1	110	107	105	108	105	103	104	102	100	100	100	55°	10,825
15°	619	769	0° - 60°	725	98%		2	102	97	94	100	96	93	97	93	91	91	91	75°	7,619
25°	308	581	0° - 90°	741	100%		3	94	89	85	93	88	84	90	86	82	82	82	85°	1,870
35°	140	360					4	87	81	77	86	81	76	84	79	76	76	76		
45°	69	148					5	81	75	71	80	75	70	79	74	70	70	70		
55°	38	34					6	76	70	65	75	69	65	74	68	64	64	64		
65°	22	7					7	71	65	60	71	65	60	69	64	60	60	60		
75°	12	2					8	67	61	56	66	60	56	65	60	56	56	56		
85°	1	0					9	63	57	53	63	57	53	62	56	52	52	52		
90°	0	0					10	60	53	49	59	53	49	58	53	49	49	49		

FOOTCANDLES ON WALL FROM MULTIPLE FIXTURES

Fixture Distance to Wall		24"								
										
Fixture Centers (spacing)		24"			30"			36"		
DISTANCE FROM CEILING	1'	5	4	5	4	3	4	4	3	4
	2'	9	9	9	8	7	8	7	6	7
	3'	12	12	12	10	9	10	8	8	8
	4'	13	14	13	11	11	11	9	9	9
	5'	13	13	13	11	11	11	9	9	9
	6'	11	12	11	10	10	10	8	8	8
	7'	9	10	9	8	8	8	7	7	7
	8'	8	8	8	7	7	7	6	6	6
	9'	6	6	6	5	6	5	5	5	5
	10'	5	5	5	5	5	5	4	4	4

Performance listed at 3000K | 80CRI

LUMEN | CBCP MULTIPLIERS

CCT	80+ CRI	90+ CRI
2700K	0.96	0.83
3000K	1.00	0.86
3500K	1.03	0.89
4000K	1.05	-
WDIM HALR	-	0.97

04LM	08LM	10LM	12LM	15LM
0.38	0.66	0.85	1.00	1.24

*Refer to website for additional photometry (alternate trims, CCT/CRI, lumen packages)



initia™ INIT3 | 3" APERTURE

Downlight | Wall Wash | 400 – 1500 Lumens



DIMMER COMPATIBILITY

Phase Dimming (FPC Driver)

Incandescent, Magnetic Low Voltage and Electronic Low Voltage Dimming

- Dimming range of 100% down to as low as 1% a minimum load of one fixture
- Dimming range and maximum rated load vary depending on dimmer type and model. See maximum load calculations below to identify max number of luminaires per dimmer.

Incandescent (INC) and Magnetic Low Voltage (MLV)

Example: Fixture Rating = 13W
 Dimmer Rating = 600W
 Equivalent Incandescent Load (EIL) = 50%
 (600/13W) X 0.5 = 23 Fixtures per Dimmer

Electronic Low Voltage (ELV)

Example: Fixture Rating = 13W
 Dimmer Rating = 600W
 Equivalent Incandescent Load (EIL) = 75%
 (600/13W) X 0.75 = 34 Fixtures per Dimmer

INCANDESCENT, MLV, ELV WALL DIMMERS

Manf.	Product Family	Series	Type	Min Light (%)
Lutron	Glyder	GLV*	MLV	3
Leviton	SureSlide	6633*	INC	2
Lutron	Diva	DVLV	MLV	6
Lutron	Diva	DV*	INC	2
Lutron	Skylark	SLV*	MLV	4
Leviton	IllumaTech	IPL016-10Z*	INC	4
Leviton	SureSlide	6613*	MLV	3
Lutron	Diva	DVCL	INC	2
Insteon	Keypad Dimmer	2334-232*	INC	2
Insteon	Dimmer Switch	2477D*	INC	2
Control4	Forward Phase Dimmer	C4-FPD 120*	INC	2
Lutron	Nova	NTELV*	ELV	6
Lutron	Diva	DVELV	ELV	3
Lutron	Maestro	MAELV*	ELV	6
Leviton	Vizia	VPE06-1LX	ELV	3
Leviton	IllumaTech	IPE04*	ELV	6
Lutron	RadioRA2	RRD-6NA	PHA	2
Control4	Adaptive Phase Dimmer	C4-APD 120*	PHA	2

INTEGRATED CONTROL SYSTEMS

Manf.	Product Family	Series	Type	Min Light (%)
Lutron	LP	LP-RPM-4U*	INC	6
Lutron	LP	LP-RPM-4A	PHA	2
Lutron	GrafikEye QS	QSGRJ-3P*	PHA	2
Lutron	GrafikEye QS	PHPM-PA-120	PHA	2
Lutron	HomeWorks QS	PHPM-PA-120	PHA	2
Lutron	HomeWorks QS	HW-RPM-4A	PHA	2
Acuity	nLight nSP5PCD ELV	nSP5PCD*	ELV	2
Insteon	Micro Module Dimmer	2442-222*	INC	2
Control4	8 Ch Dimmer	C4-DIN-8DIM-E	PHA	2

0-10V Dimming (EZ1/GZ1 Driver)

WALL DIMMERS

Manf.	Product Family	Series	Type	Min Light (%)
Lutron	Nova T	NTFTV* +	0-10V	1
Lutron	Nova T	NTSTV-DV*	0-10V	1
Lutron	Nova T	NFTV* +	0-10V	1
ACUITY	SensorSwitch	WSX D WH*	0-10V	1

*: recommended dimmers

+: require a separate relay module to turn fixture on/off

INTEGRATED CONTROL SYSTEMS

Manf.	Product Family	Series	Type	Min Light (%)
Lutron	Energi Tripak	RMJ-5T-DV-B*	0-10V	1
Wattstopper	DLM	LMRC-211*	0-10V	1
Crestron	GreenLight	DIN-4DIMFLV4*	0-10V	1
Leviton	IllumaTech	IP710-DLX	0-10V	1
Lutron	GrafikEyeQS	GRX-TVI*	0-10V	1
Lutron	GrafikEyeQS	GRX-TVI*	0-10V	1
Lutron	HomeworksQS	GRX-TVM2*	0-10V	1



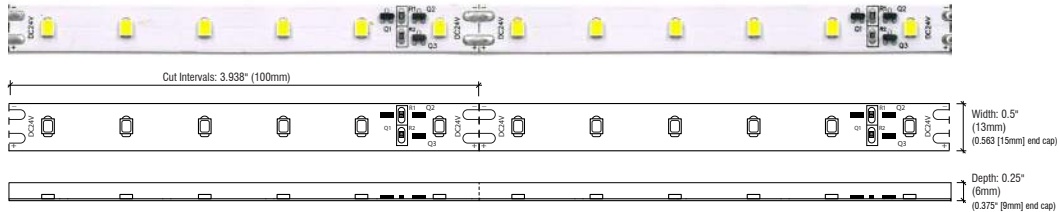
MAX™ 200 (OUTDOOR)

MX-SERIES | LONG DISTANCE | RUBBED COATED
LINEAR LED LIGHTING

Fixture Type: _____

Project: _____

Location: _____

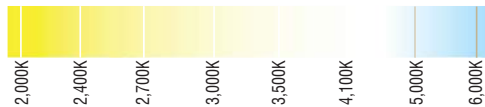


MODEL:	MX27K-WR-24V	MX30K-WR-24V	MX35K-WR-24V	MX40K-WR-24V	MX50K-WR-24V
Kelvin	2700K	3000K	3500K	4000K	5000K
Lumens	220 lm/ft	230 lm/ft	239 lm/ft	248 lm/ft	258 lm/ft
Rating	IP67	IP67	IP67	IP67	IP67

PRODUCT FEATURES

- Max run length - Up to 50ft per power feed
- 90+ CRI
- Dimmable
- 5-year warranty
- 50,000 hour life
- UL-listed for indoor and outdoor use
- 3M™ Industrial adhesive backing
- For use with 24V power supplies

KELVIN COLOR TEMPERATURE SCALE



SPECIFICATIONS

Series	MX - Max™ 200 (Outdoor)
Input Voltage	24V DC / Constant Voltage
Watts per Foot	1.9W/ft @ Maximum Run Length
Beam Spread	120°
Max Run Length	Unlimited, power every 50ft
Production Intervals	3.938" (100mm)
End Cap Dimensions	0.563" (15mm) × 0.375" (9mm)
Tape Dimensions	0.5" (13mm) × 0.25" (6mm)
CRI	90+
Diode	Epistar 2835
Dimming Options	PWM, Triac, 0-10V, DMX, Hi-lume
Temp Range	-40°F (-40°C) to 149°F (65°C)

TOTAL WATTAGE USED AT EACH LENGTH

1ft	2ft	3ft	4ft	5ft	6ft	7ft	8ft	9ft	10ft	11ft	12ft	13ft	14ft	15ft	16ft	17ft
1.886	3.772	5.658	7.544	9.43	11.32	13.2	15.09	16.97	18.86	20.75	22.63	24.52	26.4	28.29	30.18	32.06
18ft	19ft	20ft	21ft	22ft	23ft	24ft	25ft	26ft	27ft	28ft	29ft	30ft	31ft	32ft	33ft	34ft
33.95	35.83	37.72	39.61	41.49	43.38	45.26	47.15	49.04	50.92	52.81	54.69	56.58	58.47	60.35	62.24	64.12
35ft	36ft	37ft	38ft	39ft	40ft	41ft	42ft	43ft	44ft	45ft	46ft	47ft	48ft	49ft	50ft	51ft
66.01	67.9	69.78	71.67	73.55	75.44	77.33	79.21	81.1	82.98	84.87	86.76	88.64	90.53	92.41	94.3	N/A

Conforms to ANSI/UL Standard 2108
 Certified to CAN/CSA Standard C22.2 No. 250.0



Questions/Support | 800-789-3810 | quotes@kelvix.com

092619DM



CH-219-N

EXTRUDED ALUMINUM MOUNTING CHANNEL

PRODUCT FEATURES

- Available in 2 Meter Sections
- Extruded Aluminum Construction
- Anodized Matte Finish
- Consult Factory for Custom Lengths & Finishes

SPECIFICATIONS

Model	CH-219-N
Length	78.74" (2m)
External Width	1.7" (42mm)
Internal Width	1.2" (30mm)
Height	1.4" (35mm)

Fixture Type: _____

Project: _____

Location: _____



90° Connector (A)



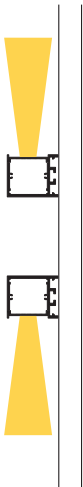
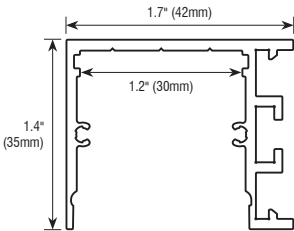
90° Connector (B)



End Caps (EC)



Mounting Clips



ORDERING INFORMATION

Example: CH219N-2-WH-CP-EC

Item	Length	Lens	Mounting	End Cap
CH219N	2		CP	EC
CH219N—CH-219-N	2—2 Meter	CL—Clear FR—Frosted WH—White	CP—Wall Clip	EC—End Caps (included)

Questions/Support | 800-789-3810 | quotes@kelvix.com

041222RY



HLV96

96 WATT-24 VOLT | CLASS 2 SUPPLY

Fixture Type: _____

Project: _____

Location: _____

UL-LISTED FOR WET LOCATIONS

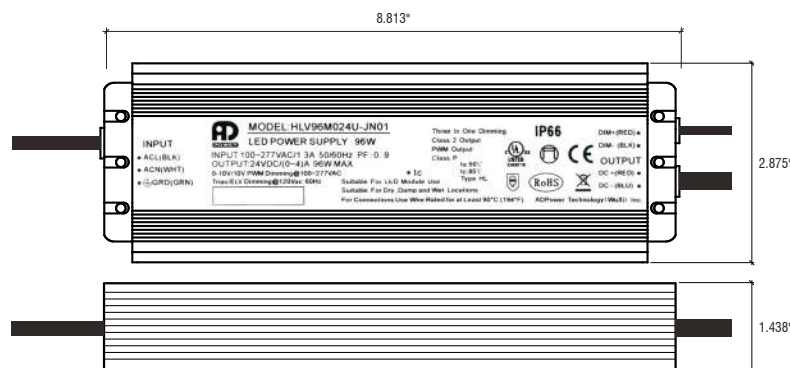
PRODUCT FEATURES

- 431 Hz/Flicker-free Dimming Down to 1%
- Incandescent, ELV, MLV, or 0-10V Dimming
- Protections: Short Circuit/Over Current/Over Voltage
- Free Air Convection Cooling
- Dry/Damp/Wet Rated
- UL-listed Class 2 for Indoor/Outdoor Use



SPECIFICATIONS

Model	HLV96
Input Voltage	100-277 VAC
Output Voltage	24VDC/Constant Voltage
Max. Wattage	96W
Temp Range	-20°F-158°F
Dimensions	8.813" x 2.875" x 1.438"
Classification	Class 2



Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.0



Questions/Support | 800-789-3810 | quotes@kelvix.com

102819DM



HLV96

96 WATT-24 VOLT | CLASS 2 SUPPLY



MODEL LIST

Model Name	Rated Input Voltage	Rated Output Power	Rated Output Voltage	Output Current	Note
HLV96	100-277 VAC	96W	24V	0-4000 mA	3 In 1 Dimming
	100-120 VAC				

SPECIFICATION

Parameters	Symbols	Test Conditions / Comment	Min	Typ	Max	Units
INPUT						
Input Voltage	V _{IN}		90		305	VAC
Rated Input Voltage	V _{IN RATED}	Dimming with TRIAC / ELV / CL Dimmer	100		120	VAC
		No Phase Cut Dimming	100		277	VAC
Input Frequency	f _{line}		47	50 / 60	63	Hz
Input Current	I _{IN}	Full Load, V _{IN} = 100 VAC			1.3	A
GENERAL CHARACTERISTICS						
Power Factor	PF	30% - 100% Load, V _{IN} = 120 VAC	0.95			PF
		60% - 100% Load, V _{IN} = 230 VAC	0.9			PF
		70% - 100% Load, V _{IN} = 277 VAC	0.9			PF
Total Harmonic Distortion	THD	30% - 100% Load, V _{IN} = 120 VAC			20	%
		60% - 100% Load, V _{IN} = 230 VAC			20	%
		70% - 100% Load, V _{IN} = 277 VAC			20	%
Efficiency	η	Full Load, V _{IN} = 120 VAC	81	83		%
		Full Load, V _{IN} = 230 VAC	83	85		%
		Full Load, V _{IN} = 277 VAC	82	84		%
Turn On Delay Time	T _{on_delay}	Cold Start, No TRIAC Dimmer		0.3	0.5	S
OUTPUT						
Output Voltage	V _{OUT}	No Dimming	23.3	24	24.7	V
No Load Output Voltage	V _{NO LOAD}	No Load, No Dimming	23.7	24	24.3	V
Output Current	I _{OUT}		0		4000	mA
Line Regulation	V _{OUT-LINE}				1	%
Load Regulation	V _{OUT-LOAD}	I _{OUT} from MIN. to MAX.			2	%
Ripple Voltage	V _{OUT-RIPPLE}	Full Load, (pk-to-pk) / Average			3	%
Output Voltage Overshoot	V _{OVERSHOOT}	Turning Power ON			3	%
No Load Power Dissipation	P _{NO-LOAD}				4	W
0-10V OR RESISTOR DIMMING						
The 0-10V or resistor dimming is a dimming manner that can be used to dim the output voltage via a standard commercial wall dimmer (0-10VDC) or an external control voltage source (0-10VDC) or external resistor.						
The dimming range is 100% V _{OUT} to 1% V _{OUT} . When V _{DIM} is 9-10VDC, the output voltage maintains 100% V _{OUT} , and when V _{DIM} is below 0.3V, the output voltage is 1% V _{OUT} .						
Absolute Maximum Voltage on 0-10V Pin	V _{DIM}		-2		15	V
Source Current on 0-10V Dimming Pin	I _{DIM}			100		uA
V _{DIM} Voltage for Full Bright	V _{DIM-MAX}		9			V
Minimum Output Voltage	V _{OUT-MAX}	V _{DIM} = 0.3V				% of V _{OUT}
External Resistor Value at Full Bright	R _{External-MAX}			90		kΩ

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HLV96

96 WATT-24 VOLT | CLASS 2 SUPPLY



SPECIFICATION (CONT.)

Parameters	Symbols	Test Conditions / Comment	Min	Typ	Max	Units
PWM DIMMING						
The PWM dimming is a dimming manner that can be used to dim the output voltage via the duty cycle of PWM signal.						
The dimming range is 100% V _{OUT} to 1% V _{OUT} . When the duty cycle is 90% to 100%, the output voltage reaches 100% V _{OUT} , and the output voltage maintains 1% V _{OUT} when the duty cycle below 3%.						
PWM Frequency	f _{PWM}		0.1		1	KHz
High Level Voltage of PWM Signal	V _{PWM-High}	V _{PWM-High} Affect Output Voltage	-	10	-	V
Lower Level Voltage of PWM Signal	V _{PWM-Low}	V _{PWM-Low} Affect Output Voltage	0		1	V
Minimum Output Voltage	V _{OUT-MIN}			1		% of V _{OUT}
TRIAC DIMMING						
The unit is compatible with leading-edge and trailing-edge dimmer.						
Input Voltage	V _{IN-TRIAC DIM}		100		120	VAC
Dim Output Voltage	V _{OUT-TRIAC}	PWM Output	0	-	100	% of V _{OUT}
Suggest Load Range	P _{Suggest}	V _{IN} from 100 VAC to 120 VAC	9.6		96	W
PROTECTION						
Over Voltage Protection	V _{OVP}	Latch Off Mode	28	32	36	V
Over Current Protection	I _{OCP}	It will recover automatically after fault condition is removed.	4.0	4.1	4.5	A
Over Temperature Protection	T _{OTP}	If the case temperature exceeds OTP point, the output voltage of the driver is automatically reduced.	90	95	100	°C
Short Circuit Protection		It will recover automatically after fault conditions is removed.				
ENVIRONMENT						
Storage Temperature	T _{Storage}	Humidity: 5% RH to 95% RH	-40	-	+85	°C
Operating Relative Humidity	H _a	Non Condensing	10		95	%
OTHERS						
Life Time	T _{Life}	Full load, 65 °C Case Temperature	30			kHrs
MTBF	T _{MTBF}	Full Load, 120 VAC Input, 25 °C Ambient Temperature	200			kHrs
Dimension L × W × H	224 mm × 73 mm × 36.5 mm (8.813" × 2.875" × 1.438")					
SAFETY COMPLIANCE						
UL Listed	UL8750 Compliance to UL1310 Class 2, CSA-C22.2 No. 107.1					
EMC COMPLIANCE						
FCC Part 15B	Conducted Emission Test and Radiated Emission Test					
Note: Unless otherwise specified, all the above parameters are measured at ambient temperature of 25 °C and V _{IN} = 100 – 277 VAC.						

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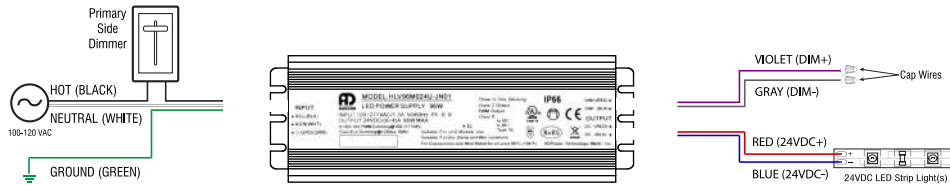
HLV96

96 WATT-24 VOLT | CLASS 2 SUPPLY

TYPICAL APPLICATION



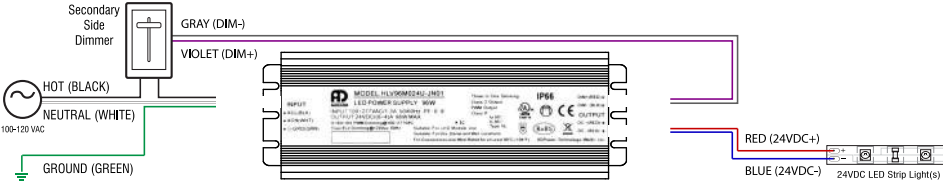
PRIMARY SIDE DIMMING (120V ONLY)



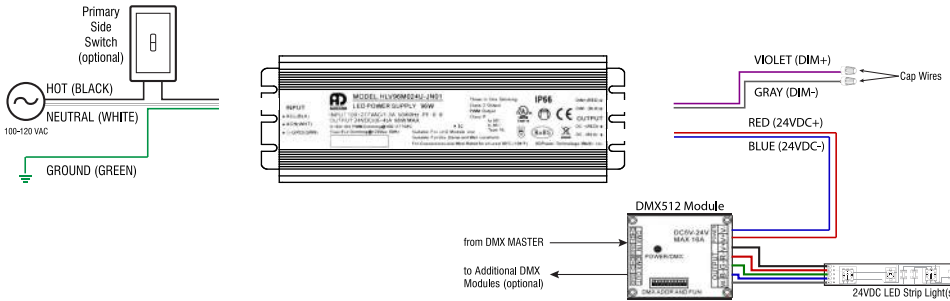
SECONDARY SIDE SWITCHING (120-277V)



SECONDARY SIDE DIMMING (0-10V)



SECONDARY SIDE DIMMING (DMX)



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