



Anna Berke, Chair
Sharon Dennehy, Vice-Chair
Kat Zagaria Buckley
Phoebe Cole
Gillian Cook
Councilor Victoria Pelletier
Lindsay Hancock, Creative Portland
Kelly Hrenko, City Manager appointee
Jessica Lauren Lipton
Stephanie Motter
John Whipple

Management & Administration

Sean King
Urban Designer, Planning & Urban Development
Department

PORTLAND PUBLIC ART COMMITTEE

Wednesday, June 12, 2024

4:00 PM

1. Zoom Meeting Information

Due to the existence of an emergency or urgent issue the Portland Public Art Committee will conduct this meeting by remote methods/technology at the Zoom link provided below, in accordance with the requirements of 1 M.R.S. section 403-B and the City Council's Remote Participation Policy.

Allow your computer to install the free zoom app to get the best meeting experience.

For more information on how to use Zoom, please go to: <https://www.portlandmaine.gov/remotepud> Public comment will be taken; written comments may be submitted to publicart@portlandmaine.gov
Please click the link below to join the webinar:

<https://portlandmaine-gov.zoom.us/j/81634418875>

Or One tap mobile :

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Webinar ID: 816 3441 8875

International numbers available: <https://portlandmaine-gov.zoom.us/j/81634418875>

2. Call to Order

- Roll Call
- April 17, 2024 Meeting Minutes

3. Staff Updates

Report of decisions at the meeting held on April 17, 2024 –

1. Request conservation estimate for *Acrobatic Dogs* from Tuckerbrook LLC

Public art fund balance –

1. Tuckerbrook Conservation LLC repair treatment of *Playing Bears* \$1,015

4. **Project Reports**

A. Congress Square Park (Cole, Hancock, Whipple):

1. Contract amendment #3 & MOU under review by Sarah Sze Studio.
2. Subcommittee updates and coordination with the Friends Capital Campaign Committee

B. Conservation Projects – ACTIVE (Berke, Cole):

1. Jewell Box glass replacement – Staff in coordination with Jerry Alves of Port City Glass to replace two glass panels by June 7, 2024.

2. *Playing Bears* – Repair treatment completed and report provided by Tuckerbrook Conservation LLC.

3. Pullen fountain, “Czar Reed”, Miller statue, The Hiker, Kitson statue – Staff provided purchase order to Taggart Objects Conservation to proceed with a contract for a tentative June repair.

4. Loring Memorial - Maine Stone Scapes is under contract and will begin the project in June based on etching company delays. Todd Richardson, landscape architect has quote \$500 to perform a site visit to relocate sentinel granite post replacement and boulders.

ADDITIONAL ITEM – A vehicle struck the vantage boulders located within the circle on May 18, 2024, Staff has requested an additional service quote from Maine Stone Scapes to reset and anchor the boulders into the existing concrete foundation.

5. Tidal Moon - Jesse Salisbury to perform repair in mid-June directly on site at the Jetport.

6. *Passing the Torch* – Staff in coordination with lighting programmer Jay Lehaut to share updates on the artwork lighting malfunctions. Spot light replacement parts are ordered, awaiting install by electrical contractor.

7. *Rustle Diptych II* – (2) stem lights have gone missing, Staff is in coordination with Parks department and has requested electrical company quotes. Existing fixtures are unknown, Staff is requesting PPAC input to determine appropriate light replacement.

5. **Subcommittee Reports**

Governance/Board Development Subcommittee (Berke, Dennehy)

1. City Clerk’s office to host Boards / Committee Nomination meeting May 24th, 2024
2. New public art committee members to be announced during City Council meeting in June.

Acquisitions (Formerly “Gifts”) Subcommittee (Cole, Zagaria, Hrenko)

1. Subcommittee members to share updates.

Communications Subcommittee (Motter, Berke, Gibbs)

1. Subcommittee members to share updates.

Collection Management (Formerly “Site Selection”) Subcommittee (Berke, Dennehy, Gibbs, Hancock, Lipton, Zagaria)

1. Subcommittee members to share updates.
2. Obelisk at the Cleaves memorial did not receive Maine state historic CLG grant for the fence rehabilitation.
3. Relocation of Glimpse sculptures at Portland Jetport to require procedures to deinstall, transport, store and reinstall into the bid document set.

6. Other Business

Temporary Art

1. Staff hosted a temporary art review panel April 30th for Belonging, anticipated to be located at Congress Square Park, summer 2024. Committee member Hancock participated in the review panel to provide updates.
2. TempoArts summer installation, Dancing for Joy, by the MythMakers, to begin June 10. Programming event held June 13th, 5:00 pm at Back Cove site location. Committee member Gibbs to provide an update.
3. Maya Balassa with the City of Portland has prepared a Story Map to inventory past and present temporary artwork throughout the City. More information here - <https://storymaps.arcgis.com/stories/aef3001431a243b087277f32ef79e1f3> or under the Planning Department's Resource webpage here - <https://www.portlandmaine.gov/689/Resources>

Public Art Grant Application

1. Staff awaiting a response from the Maine Arts Commission organizational grant application, decisions sent by end of June.

7. Public Comment

Public Comment

8. Meeting Adjourns

Next Meeting - July 17, 2024 at 4:00 pm



Anna Berke, Chair
Sharon Dennehy, Vice-Chair
Kat Zagaria Buckley
Phoebe Cole
Alison Gibbs
Lindsay Hancock, Creative Portland
Kelly Hrenko, City Manager appointee
Jessica Lauren Lipton
Stephanie Motter
Councilor Victoria Pelletier
John Whipple

Management & Administration

Sean King, Urban Designer with Planning & Urban Development Department

PORTLAND PUBLIC ART COMMITTEE

April 17, 2024

4:00 p.m. – 6:00 p.m. online via Zoom link

Due to the existence of an emergency or urgent issue the Portland Public Art Committee will conduct this meeting by remote methods/technology at the Zoom link provided below, in accordance with the requirements of 1 M.R.S. section 403-B and the City Council's Remote Participation Policy.

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Webinar ID: 816 3441 8875

International numbers available: <https://portlandmaine-gov.zoom.us/j/81634418875>

1. Call to Order

- + Roll call (JLL absent, all other committee members present)
- + March 20, 2024 meeting minutes (AB motion to approve, LH second)

2. Staff Updates

- + Report of decisions at the meeting held on March 20, 2024 – No updates
- + Public art fund balance – No updates

3. Project Reports

A. Congress Square Park (Cole, Hancock, Whipple):

- Contract amendment #3 & MOU under review for Sarah Sze Studio. (SK – Still under review by Sarah Sze Studio)

B. Conservation Projects – ACTIVE (Berke, Cole):

- + Jewell Box glass replacement – Staff in coordination with Jerry Alves of Port City Glass to replace two glass panels. (SK- Port City has processed work order to purchase glass, will keep Staff informed for installation date)
- + Playing Bears – Staff to provide a tentative schedule. (AB recommends Tuckerbrook treatment proposal for Acrobatic Dogs, KZ look towards the Jetport point of contact – Zachary Briggs)
- + Pullen fountain, “Czar Reed”, Miller statue, The Hiker, Kitson statue – Staff request purchase order for Taggart Objects Conservation to proceed with a contract for a tentative May repair. (SK- Taggart requires signed contract to proceed and anticipates June start.)
- + Loring Memorial - Maine Stone Scapes under contract and will begin the project in May. (SK- Contractor anticipates June start based on etching company’s lead time)
- + Tidal Moon - Staff coordinating with Corporate Counsel/Legal office for insurance claim updates. (SK- No updates)
- + Passing the Torch – Swaney Lighting Associates quoted \$1250 for up a visit of up to four hours – my expectation is to start an hour or so before sunset on the scheduled day. (PC recommends to pause to review a local option to reduce costs, JW & KZ agree)

4. Subcommittee Reports

- + **Governance/Board Development Subcommittee (Berke, Dennehy)**
- + **Acquisitions (Formerly “Gifts”) Subcommittee (Cole, Zagaria, Hrenko)**
 - Gifts and acquisitions information uploaded to PPAC website. (PC – Place on the “About” page as a downloadable form)
- + **Communications Subcommittee (Motter, Berke, Gibbs)**
 - Subcommittee members to share updates. (SM – Met to discuss social media plan, intend to meet monthly.)
- + **Collection Management (Formerly “Site Selection”) Subcommittee (Lipton, Berke, Cook, Dennehy, Hancock, Lipton, Zagaria)**
 - Subcommittee members to share updates. (No updates)

5. Other Business

- + Temporary art - Staff has received two temporary art applications from Portland Downtown and the Friends of Congress Square Park. Lindsay Hancock and John Whipple are next to participate in the review panel. (LH – Lindsay will participate in the review panel for temporary art application by Friends of Congress Sq Park to be held April 30th).
- + Collections item
 - Obelisk at the Cleaves memorial – Historic Preservation program Staff applied for Maine state historic CLG grant, awaiting a response. (SK-No staff updates on grant decision)
 - Relocation of Glimpse sculptures at Portland Jetport – A site plan application is under review for a parking lot expansion to require the relocation of two existing public art

sculptures, PPAC committee members have reached out to artist Wendy Klemperer and curator for input. (AB- Introduced the relocation of two Glimpse sculptures at the Portland Jetport as part of a parking lot expansion. June LaCombe involved with Paul Bradbury in original siting of the sculptures and provided information to City Staff + PPAC chair about holding the sculptures during construction, need to hire metal workers to remove and later install deer hooves to new concrete footings). (LH – Can artwork be held at the airport?). (KH- Could be a potential opportunity for social media for relocation and storage of 2 sculptures during construction) (LH- Nelson Bruns is a recommended metalworker)

+ Public art grant application – Staff awaiting a response for the Maine Arts Commission organizational grant application. (SK-No staff updates on grant decision)

6. Public comment

7. Meeting adjourns @ 5:17pm

Next Meeting – May 15, 2024 at 4pm

FY24 - Proposed Budget (July 2023-June 2024)

TOTAL PPAC Balance		
A	Total Balance (includes FY24)	\$ 334,474.33
B	Total Encumbrances	\$ 202,172.00
C	Remaining Balance	\$ 132,302.33

Remaining Encumbrances from approved budget plans			
	Activity	Description	Budget
A	Congress Square Public Art	New Commission - Sarah Sze artist	\$ 176,000.00
B	Bramhall Square Artwork	New Commission - Chris Miller artist	\$ 26,172.00
	Total Encumbered		\$ 202,172.00

FY24 - Proposed Budget Breakdown				
	Activity	Description	Proposed Budget	Current FY23 Budget Balance
A	Conservation and Maintenance	To cover routine maintenance, priority conservation items	\$ 10,000	\$ 10,000.00
B	Contingency Fund	To cover repairs, theft, relocation, Community Art grant, plaque purchase, etc.	\$ 10,000	\$ 6,317.33
C	New Artwork	New acquisition + install:	\$ 30,000	\$ 30,000.00
	Total FY23 Budget		\$ 50,000	\$ 46,317.33

FY24 Expenses	Funding Source	Total (PAID)	Project Notes
Burr Signs	FY24 Contingency	\$ 611.38	Passing the Torch Plaques (Qt.)2
Passing the Torch sign install	FY24 Contingency	\$ 250.00	Jesse Salisbury
Portland Glass replacement	FY24 Contingency	\$ 1,806.29	Jewell Box emergency repair
Conservation Armillary	FY22-FY23 Conservation	\$ 15,500.00	Encumbered funds for Armillary conservation
Playing Bears maintenance	FY24 Contingency	\$ 1,015.00	Tuckerbrook Conservation LLC

TUCKERBROOK CONSERVATION LLC
2498 Belfast Road
Lincolntonville, Maine 04849
(207) 446-2390
rsharvey@tidewater.net

Condition Treatment Report

Client: Sean King, PLA
Urban Designer
389 Congress Street, 4th Floor
Portland, Maine 04101
(207) 874-8901
sking@portlandmaine.gov

Object: Two Bears (Playing Bears)
Artist: Bernard Langlais
Material: Carved and worked wood and paint
Culture: USA
Date of fabrication: 1976-77
Dimensions: 79" (H)

Date of review: December 2023
Date of Treatment: 15-16 April 2024

Description: The pair of facing, larger than life size bears are in a sitting position, upper arms outreaching, and legs splayed and forward. The bears are painted a reddish brown with white teeth and claws.

Condition: The overall condition of the sculpted wood Bears are good, however the sculptures are in a very public area of the Portland Airport. Many people pass the bear sculptures daily. The bears are sitting on a raised platform that protects them from floor cleaning devices, however the bears are easily accessible to the public.

The bears are missing three claws and a section of the proper right lower foot. The bear with its back facing the glass window has one claw missing and one recovered claw as well as wood loss to the proper right foot. The bear with its back facing the interior wall is missing a claw on its proper left upper paw. The client has one of the detached claws.

Treatment

The sculpture was treated in its current location, a public space in the Portland International Airport, Portland Maine.

A visual examination, written condition report and photographic documentation (digital photography) of the current condition of the sculpture was completed.

The recovered claw fit the existing hole adjacent to the area of lost carved wood on the proper

right rear paw of the bear with its back facing West, towards the glass windows in the public space between the luggage retrieval and the flight gates.

The recovered claw was placed into the hole, its orientation was determined by the flat surface on the claw and the proper fit into the drilled hole. A small hole was drilled into the lower section of the claw to accommodate a wood screw. The claw was removed from the hole. The lower (unpainted) surface of the claw and the remaining section of the hole were given a liberal application of High Tack Fish Glue. Then the claw was placed into the hole, adjusted for fit and lower part of the claw was secured in place with a GRK 2" long Fin/trim screw. A galvanized dry wall screw was screwed into place in the gap between the underside of the claw and the bottom of the hole.

The loss noted on the proper right rear paw was built up to support the claw and mimic the wood surface using a two-part epoxy modeling compound (Apoxie® Sculpt). The surface was built up to blend with the surrounding carved wood and the surface of the modeling compound was textured using the rough-cut end of a small piece of pine block. After curing the fill was toned to blend with the surrounding wood using Sherwin-Williams Resilience exterior latex paint (flat) tinted (Two Bears brown).

The proper right paw required a new claw, next in from the recovered claw (above). The pine wood claw was made by the conservator and painted prior to the on-site conservation of the Two Bears. The base of the new claw needed slight alterations to properly fit into the existing drilled hole in the paw. The blunt end of the claw was whittled down until the claw fit snugly in the hole. The base (unpainted section) of the claw and the interior of the hole received a generous coating of High Tack Fish Glue, and the claw was aligned and worked into the hole, finally tapping the claw into place using a wood carvers' mallet. Any excess adhesive was removed using dry paper towel followed by moist paper towel until the adhesive not visible.

The third claw was installed in the proper left rear paw of the East facing bear. The missing claw was the inner claw on the proper left rear paw. The claw was modified to fit into the existing hole, the extra wood at the base was whittled down. The glue was applied to both the unpainted end of the claw and into the sides of the drilled hole, the claw was inserted, aligned, and lightly tapped into place with the wood mallet. Any excess glue was removed as outlined above.

Several of the claws on the upper paws of the West bear exhibited losses at the tip and they were repaired using the two-part epoxy modeling compound, applied and worked with a wood tool to smooth and form the appropriate shapes at the tip of the claws. Any claw that had gaps between the claw and the body of the bears were gap filled with the two part epoxy putty.

The following day the repaired tips of the claws were painted (two coats, brush applied) of Sherwin-Williams Duration Interior Acrylic Latex, Satin Ibis White. The repaired claws were touched up at the base, center forms or tips with the Ibis White as needed. Any filled gaps at the base of the claws were toned with the white or brown paint. Any small losses in the body of the Bears were touched up with the Two Bears brown acrylic paint.

Post treatment photos were taken to document the current condition of the Two Bears after conservation intervention. A written treatment report with photographic documentation was completed.

Materials:

Apoxie® Sculpt: Aves® Studio LLC, PO Box 344, River Falls, WI 54022 USA

High Tack Fish Glue: Norland Products, Inc. 2540 Route 130, Bldg 100, Cranberry, NJ USA

Sherwin-Williams Duration and Resilience acrylic paints: The Sherwin-Williams Company, Cleveland, OH 44115 USA

Maintenance

The Two Bears should be dusted but no cleaning chemicals or solutions should be used on the sculptures. A static brush to capture dust is appropriate for occasional dusting. Any damage or loss (claws, etc) should be reported.

The above Treatment Report is submitted by:

Ronald Harvey

21 April 2024

Pre Treatment Documentation





Missing claws.





Losses of wood and paint on tips of claw.



Both claws set and the loss has been filled and reconstructed using a two part epoxy.

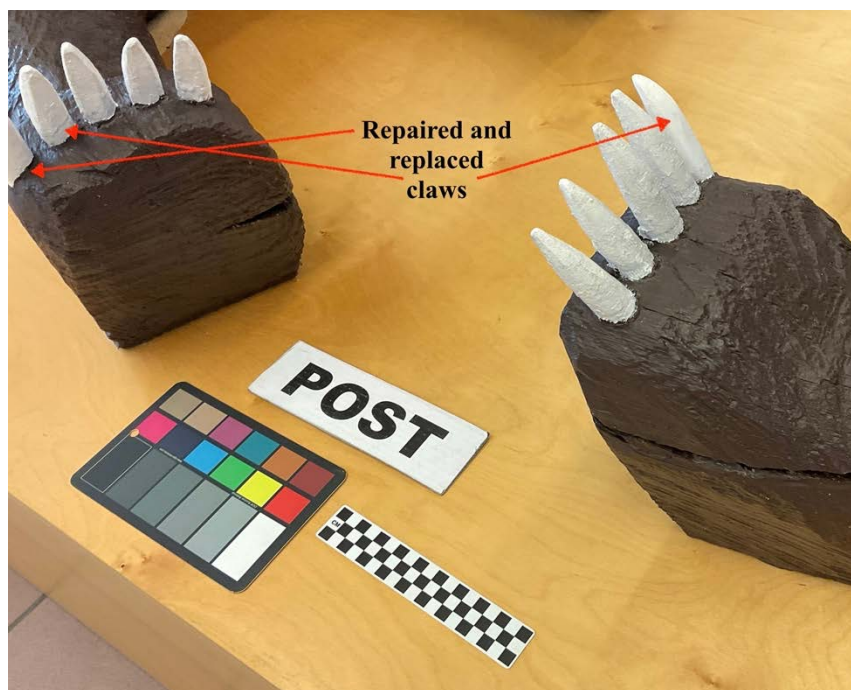


Third claw in place on the East Bear. Will get paint touch-up after glue sets up overnight.

POST Treatment Documentation



Detail of proper right rear paw with new claw in place and epoxy fill toned.

















Option 1

Affordability. Versatility. Now available in 80W.



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3 beam spreads.
3 mounting options.
1 floodlight family.



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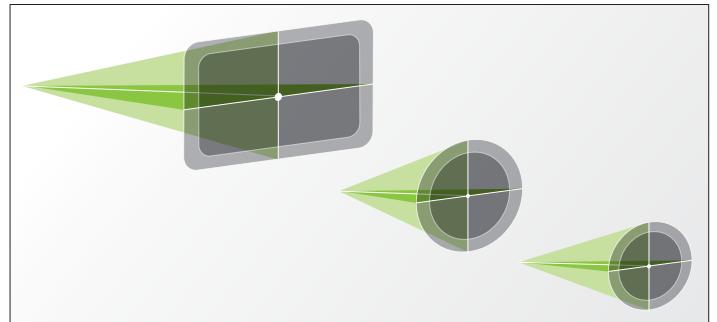
- Replace 70W to 250W metal halide floods
- Available in 18W, 26W, 39W, 52W and 80W
- NEMA Type 7x6 beam spread (4x4 or 5x5 distributions also available*)
- Ultra efficient: up to 112 lumens per Watt
- Swivel arm, trunnion mount and slipfitter mount options*
- 100,000-Hour LED lifespan



RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty



Three mounting options: standard swivel arm, trunnion or slipfitter.*



Three NEMA Types: 7x6, 5x5 and 4x4 for various beam spreads.*



Patent-pending Air-Flow fins keep FFLEDs running cool.

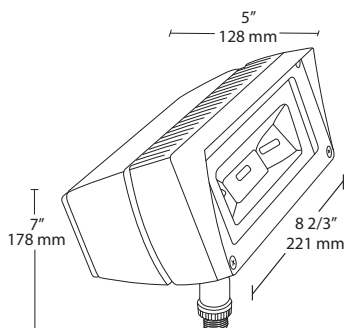


The FFLED family is ultra efficient, performing at up to 112 lm/W.

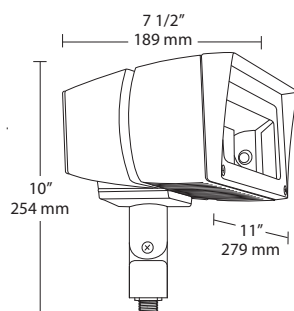
*Not available for 18W models.

Dimensions and weight

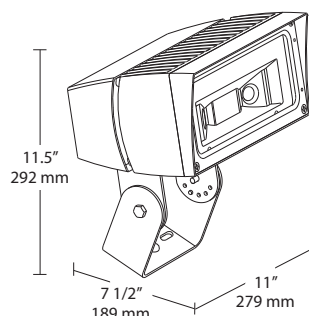
FFLED18
Weight: 4.8 lbs.



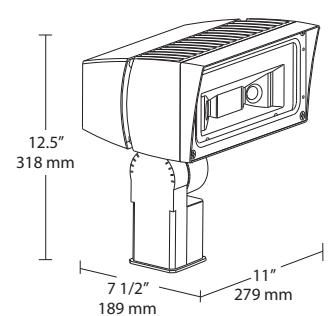
STANDARD SWIVEL ARM
Weight: 12.5 lbs.



OPTIONAL TRUNNION MOUNT
Weight: 14.2 lbs.

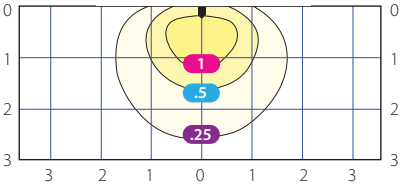


OPTIONAL SLIPFITTER MOUNT
Weight: 14.2 lbs.



Photometrics

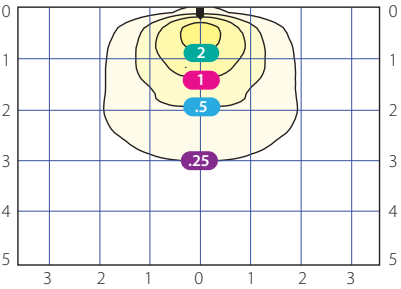
FFLED 18W - 7H x 6V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #RAB01466



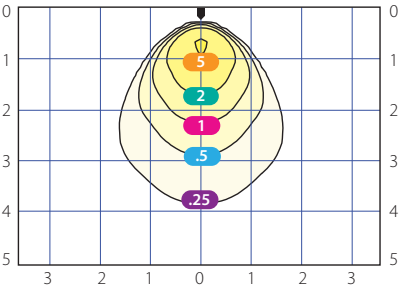
Mounting Height	8	10	12	15	18	20
Multiplier	3.5	2.3	1.6	1.0	0.7	0.6

Grid scales: Multiples of mounting height
Values shown in footcandles

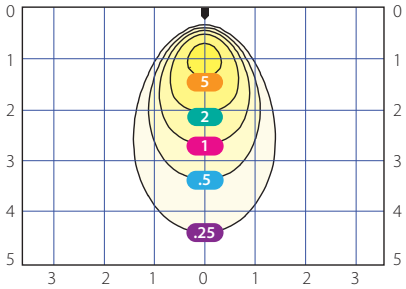
FFLED 26W - 7H x 6V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #ITL82112



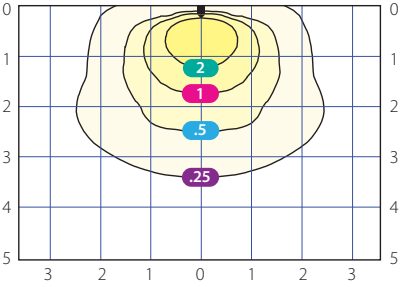
FFLED 26W - 5H x 5V
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Photometric Report #ITL82214



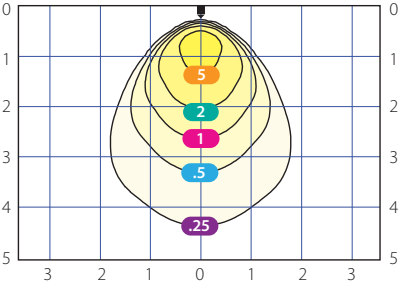
FFLED 26W - 4H x 4V
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Photometric Report #ITL82232



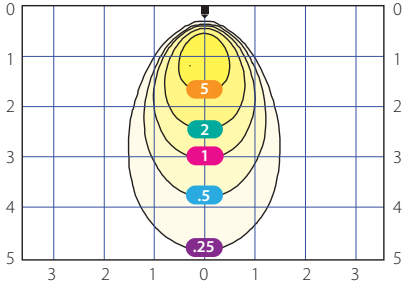
FFLED 39W - 7H x 6V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #ITL79398



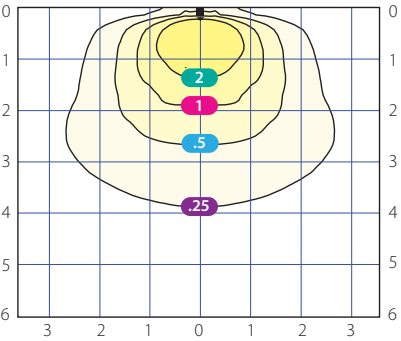
FFLED 39W - 5H x 5V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #ITL82217



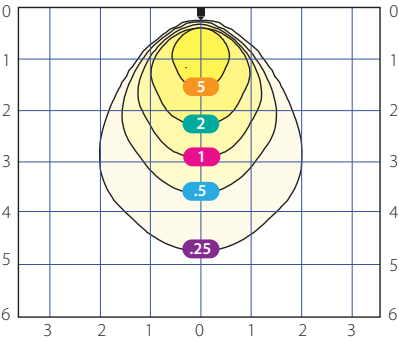
FFLED 39W - 4H x 4V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #ITL82235



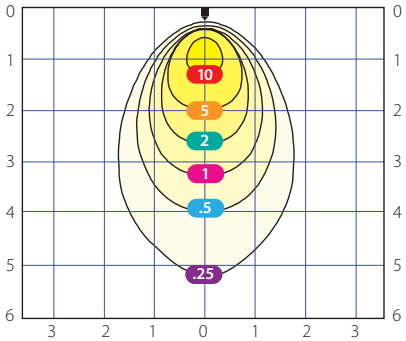
FFLED 52W - 7H x 6V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #ITL82115



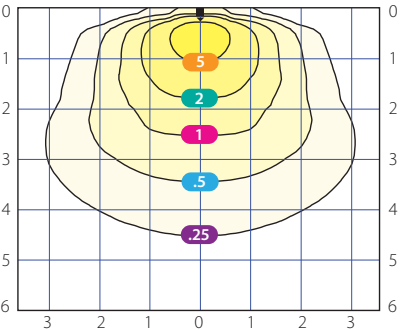
FFLED 52W - 5H x 5V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #ITL82220



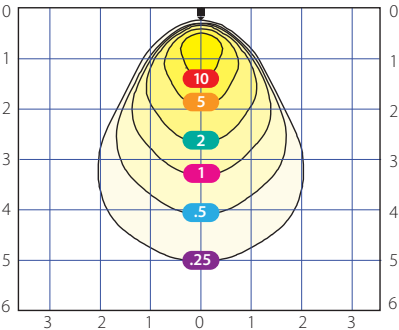
FFLED 52W - 4H x 4V
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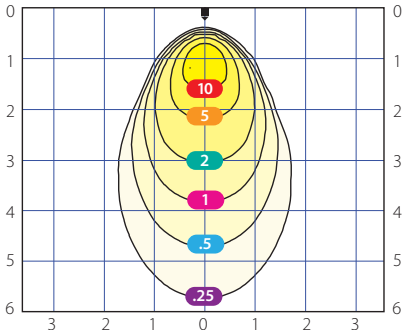
FFLED 80W - 7H x 6V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #RAB01113



FFLED 80W - 5H x 5V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #RAB01092



FFLED 80W - 4H x 4V
15' Mounting Height, Aimed 30° Below Horizon
Photometric Report #RAB01090



FFLED® Specifications

UL Listing: Suitable for wet locations. Suitable for ground mounting.

LED: Multi-chip, high-output, long-life LEDs

Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Drivers:

18W: Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.17 A, 208V: 0.1 A, 240V: 0.09 A, 277V: 0.08 A

26W: Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.24 A, 208V: 0.15 A, 240V: 0.13 A, 277V: 0.11 A, 480V: 0.06 A

39W: Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.35 A, 208V: 0.20 A, 240V: 0.18 A, 277V: 0.15 A, 480V: 0.08 A

52W: Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.45 A, 208V: 0.27 A, 240V: 0.24 A, 277V: 0.21 A, 480V: 0.13 A

80W: Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.74 A, 208V: 0.48 A, 240V: 0.41 A, 277V: 0.36 A

Equivalencies: 18W replaces 70W MH, 26W replaces 100W MH, 39W replaces 150W MH, 52W replaces 200W MH, 80W replaces 250W MH (based on 5000K performance)

5000K Color Temperature

Nominal Watts @120V	18W	26W	39W	52W	80W
Input Watts*	20	29	42	58	87
Output Lumens*	2429	4087	5753	7597	10382
Lumens Per Watt*	123	143	142	131	120
Color Accuracy (CRI)*	71	75	75	75	72

4000K Color Temperature

Nominal Watts @120V	18W	26W	39W	52W	80W
Input Watts*	20	28	42	58	86
Output Lumens*	2416	4043	5641	7610	10508
Lumens Per Watt*	123	143	134	130	123
Color Accuracy (CRI)*	82	75	75	74	74

3000K Color Temperature

Nominal Watts @120V	18W	26W	39W	52W	80W
Input Watts*	19	28	42	58	85
Output Lumens*	2069	3952	5518	7332	10012
Lumens Per Watt*	107	140	132	126	117
Color Accuracy (CRI)*	83	71	72	71	71

* Values shown for 7H x 6V NEMA Type only. Visit rabweb.com for 5H x 5V and 4H x 4V performance.

Dimming: 18, 26, 39, 52 and 80W: Available as On/Off or with 0-10V dimming.

Cold Weather Starting: The minimum starting temperature is -40°C.

Thermal Management: Superior heat sinking with external Air-Flow fins

Housing: Die-cast aluminum housing, lens frame and mounting arm

Reflector: 18W: Semi-specular anodized aluminum, 26, 39, 52 and 80W: specular polycarbonate.

NEMA Type: Standard 7H x 6V. 5H x 5V and 4H x 4V available for 26, 39, 52 and 80W models.

Mounting: Heavy-duty mounting arm with "O" ring seal & stainless steel screws. Trunnion and slipfitter mounts also available for 26, 39, 52 and 80W models.

Gaskets: High-temperature silicone gaskets

Finish: Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Color Stability: LED color temperature warranted not to shift more than 200K in CCT in 5 years

Color Uniformity: RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Green Technology: Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

IESNA LM-79 & LM-80 Testing: RAB LED luminaires have been tested in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

California Title 24: FFLED18 and FFLED26 equipped with a photocell comply with 2013 California Title 24 building and electrical codes as commercial outdoor non-pole-mounted fixtures <30 Watts. FFLED39, FFLED52 and FFLED80 equipped with a 0-10V driver comply with 2013 California Title 24 building and electrical codes as commercial outdoor non-pole-mounted fixtures >30 Watts mounted up to 24 feet when used with the RAB Stealth Dimmer. Use catalog code STLDIM10 to order a Stealth Dimmer module.

* Values shown for 7H x 6V NEMA Type only. Visit rabweb.com for 5H x 5V and 4H x 4V performance.

Ordering information

Product Family	Wattage	Color Temp	Finish	Driver	Emergency Options	Photocell Options	Suffix
FFLED	18						
	18 18W	Blank N Y 5000K 4000K 3000K	Blank W Bronze White	Blank 120-277Vac 0-10V Dimming	Blank /E* /EC* No option Emergency Battery 120-277 Vac Only Low Temp Emergency Battery available 120-277 Vac only	Blank /PCU /PCS /PCS2 /MS** /STL3** No option 120-277Vac Button Photocell 120 Vac Swivel Photocell 277Vac Swivel Photocell Mini Sensor SMS500 Stealth 360° Sensor	Blank USA No option BAA Compliant
Product Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Photocell Options
FFLED							
	26 26W 39 39W 52 52W 80 80W	Blank SF T Swivel arm Slipfitter Trunnion	Blank N Y 5000K 4000K 3000K	Blank B55 B44 7H x 6V 5H x 5V 4H x 4V	Blank W Bronze White	Blank /D10 /480 On/Off 0-10V Dimming 480V On/Off *	Blank /PC /PC2 /PCS /PCS2 /PCS4 No Option 120V Photocell 277V Photocell 120V Swivel Photocell 277V Swivel Photocell* 480V Swivel Photocell

*Available for 18W only.

**Available for 18W only. Includes mounting plate CU4x CU4A = Bronze, CU4W = White

LTV82

INGRADE

FEATURES

- Sealed IP68 LED light engine
- Bluetooth connectivity for remote control aiming and dimming
- Free Mobile App for Android and iOS
- Easy to install and pair devices
- Advanced thermal management provides long life in excess of 100,000+ hours
- Runs cool to the touch - less than 40°C



CONTROL TECHNOLOGY



SPECIFICATIONS

HOUSING

- Pour Box rough-in housing for installation below grade
- High temperature UV resistant thermal plastic, 3/16" minimum wall, black
- Includes a splice box with molded plastic splice cover and silicone gasket
- Three 1" NPT in bottom for through wiring on LTV81 and LTV82
- Two 1" NPT in bottom for through wiring on LTV83. 107 cu. in. splice area for LTV81
- 52 cu. in. splice area for LTV82. 24 cu. in. splice area for LTV83
- Rough-in housing supplied with a protective aluminum debris shield and includes an orientation label for proper installation alignment. This allows for clean and easy installation in concrete pad or soil. Pour Box can be shipped separately as a quick-ship if requested
- One-piece impregnated cast bronze component module is fully sealed and secured to the face trim from the underside
- A high temperature, anti-siphon, IP68 sealed cable extends from the component module to the splice box inside the housing
- The fully assembled component module is secured to the housing with (4) 1/4-20 tamper-resistant and high grade stainless steel fasteners
- Slip Resistant Lens (SR) and Rebar Cage Anchor (RCA81)
- When installed in concrete, fixture will withstand drive-over by vehicles weighing up to 4,500 lb.
- Optional Rebar Cage Anchor (RCA8x)
- Face trim has 1/16" 304 stainless steel plate with M33 brushed finish shall cover the cast bronze Lens Frame and provide a flat surface

OPTICS

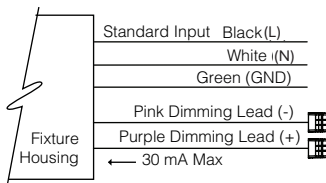
- Spot (SP), Narrow Flood (NF), and Wall Wash (WW) optical modules are adjustable up to 15° utilizing a Bluetooth enabled motor assembly
- Clear 5/16" thick tempered glass lens and silicone gasket is retained securely within the component module
- Optional Prismatic Lens (PL) available

ELECTRICAL

- All electronic components are UL and CSA recognized and are mounted directly to the component module for maximum heat dissipation and modularity. Driver is IP67 with -30°C minimum temperature rating
- Product comes standard with a UL Recognized 10kA surge protector

CONTROLS

- Standard fixtures dimming range is from 10% to 100% and be compatible with 0-10V, user-defined, control devices



BLUETOOTH

- Integral Bluetooth module used to adjust optics and dim fixture to desired setting when paired with KIM LTV8 Remote App via cellular/tablet device
- Fully qualified Bluetooth 1.1, 1.2, 2.0, 2.1. Bluetooth v2.0+EDR compatible with Android devices running Android Gingerbread API level 9 forward. Bluetooth 4.0 LE compatible with iOS devices - iPhone 4S and later, 5th generation iPod touch, the iPad Mini and the 3rd generation and later of the full size iPad with iOS 5 or later

LIGHTVAULT 8



Lightvault8 Flat Frame, Stainless Steel, Rock Guard, Half Shield, Eyeball

RELATED PRODUCTS

LTV8FF RGBW

LTV8FF

LTV8SS RGBW

- Bluetooth Apps are available for Apple iOS and Google Android mobile devices and are downloadable via the internet at Apple App Store or Google Play

CAUTION:

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

CERTIFICATIONS AND LISTINGS

- Listed to UL1598 and UL8750 25°C ambient operation
- SASO Certified for LTV82/83
- IP68 rated
- IEC 66262 Mechanical Impact Code IK09
- CISPR 15 Compliant, per product standard EN 55015:2013

WARRANTY

- 5 year warranty

KEY DATA

KEY DATA	
Lumen Range	622-2616
Wattage Range	14-44
Reported Life (Hours)	L70/60,000

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: LTV82-SS-NF-18L-4K-UV-SR-RCA82

CATALOG #

HOUSING

LTV82															
Model		Style		Distribution		Source		Color Temperature		Voltages		Lens Options ²		Rebar Cage Anchor	
LTV82	10-3/8" Dia.	FF	Flat Frame	SP	Spot	18L	18 LEDs	3K	3000K	UV	120-277V	PL	Prismatic Lens	RCA82	for LTV82
		SS	Stainless Steel	NF	Narrow Flood	12L	12 LEDs (EB only)	4K	4000K			SR	Slip-Resistant Lens		
		HS	Half Shield	WW	Wall Wash			5K	5000K						
		RG	Rock Guard												
		EB	Eyeball ¹												

¹ Eyeball fixture comes only with 12 LED.
² All lens options are integral parts of component module and must be installed at factory.

DELIVERED LUMENS

LTV82FF

Optical Module	Source	Color Temp.	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Max. Amps	Beam Angle (50%) H x V	Field Angle (10%) H x V	NEMA Type
SP	18L	3K	1809	23634	UV	22W	.183 for 120V .106 for 208V .092 for 240V .079 for 277V	13 x 13	26.5 x 26.5	2H x 2V
		4K	1857	23065						
		5K	1875	25186						
NF		3K	1558	1889				44.1 x 53	77.5 x 82	5H x 5V
		4K	1597	1911						
		5K	1617	1934						
WW		3K	1637	3528		19W	.158 for 120V .091 for 208V .079 for 240V .069 for 277V	58.9 x 21.3	93.3 x 53.9	5H x 4V
		4K	1679	3616						
		5K	1698	3659						

LTV82SS

Optical Module	Source	Color Temp.	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Max. Amps	Beam Angle (50%) H x V
SP	18L	3K	1809	23634	UV	22W	.183 for 120V .106 for 208V .092 for 240V .079 for 277V	13°
		4K	1857	23065				
		5K	1875	25186				
NF		3K	1558	1889				44.1°
		4K	1597	1911				
		5K	1617	1934				
WW		3K	1637	3528		19W	.158 for 120V .091 for 208V .079 for 240V .069 for 277V	58.9°
		4K	1679	3616				
		5K	1698	3659				

LTV82RG

Optical Module	Source	Color Temp.	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Max. Amps	Beam Angle (50%) H x V
SP	18L	3K	1045	12788	UV	22W	.183 for 120V .106 for 208V .092 for 240V .079 for 277V	13.4°
		4K	1071	12609				
		5K	1083	12749				
NF		3K	949	1241				42.2°
		4K	972	1251				
		5K	983	1265				
WW		3K	965	2268		19W	.158 for 120V .091 for 208V .079 for 240V .069 for 277V	36.5°
		4K	989	2327				
		5K	1000	2353				

LTV82HS

Optical Module	Source	Color Temp.	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Max. Amps	Beam Angle (50%) H x V
SP	18L	3K	1769	23685	UV	22W	.183 for 120V .106 for 208V .092 for 240V .079 for 277V	13°
		4K	1817	23161				
		5K	1837	23426				
NF		3K	1409	1890				47.8°
		4K	1445	1914				
		5K	1462	1936				
WW		3K	1637	3528		19W	.158 for 120V .091 for 208V .079 for 240V .069 for 277V	53.2°
		4K	1679	3616				
		5K	1698	3659				

KEY: FF = Flat Frame, SS = Flat Frame, RG = Rock Guard, HS = Half Shield, EB = Eyeball, SP = Spot, NF = Narrow Flood, WW = Wall Wash (PicoPrism™), 36L = 36 LEDs, 18L = 18 LEDs, 16L = 16 LEDs, 12L = 12 LEDs, 3K = 2800K to 3175K, 4K = 3800K to 4600K, 5K = 4600K to 5600K, UV = Universal Voltage shall range from 120V-277V with a ±10% tolerance.
* The SP and NF are based on Candela exiting unit straight up. The WW is for highest candela angle.

DATE:

LOCATION:

TYPE:

PROJECT:

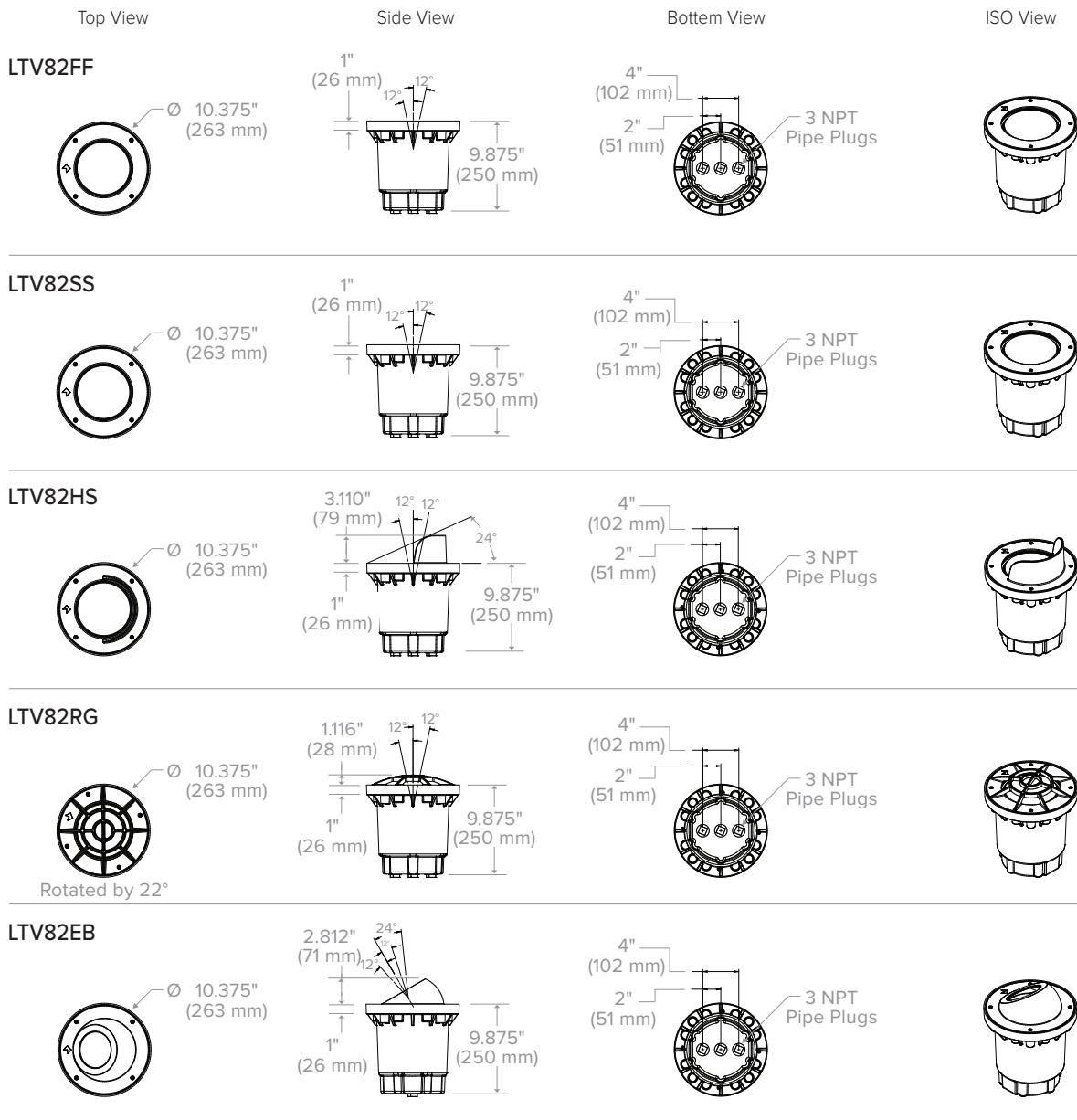
CATALOG #:

LTV82EB

Optical Module	Source	Color Temp.	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Max. Amps	Beam Angle (50%) H x V
SP	18L	3K	1245	23685	UV	22W	.183 for 120V .106 for 208V .092 for 240V .079 for 277V	13°
		4K	1276	23161				
		5K	1292	23426				
NF		3K	968	1890				47.8°
		4K	993	1914				
		5K	1004	1936				
WW		3K	1198	3528		19W	.158 for 120V .091 for 208V .079 for 240V .069 for 277V	53.2°
		4K	1229	3616				
		5K	1242	3659				

KEY: FF = Flat Frame, SS = Flat Frame, RG = Rock Guard, HS = Half Shield, EB = Eyeball, SP = Spot, NF = Narrow Flood, WW = Wall Wash (PicoPrism™), 36L = 36 LEDs, 18L = 18 LEDs, 16L = 16 LEDs, 12L = 12 LEDs, 3K = 2800K to 3175K, 4K = 3800K to 4600K, 5K = 4600K to 5600K, UV = Universal Voltage shall range from 120V-277V with a ±10% tolerance.
* The SP and NF are based on Candela exiting unit straight up. The WW is for highest candela angle.

DIMENSIONS



LIGHT DISTRIBUTIONS:



ELECTRICAL DATA

Spectroradiometric

	3K	4K	5K
Correlated Color Temp. CCT (K)	2800K to 3175K	3800K to 4600K	4600K to 5600K
Color Rendering Index (CRI)	≥72	≥72	≥72
Power Factor	>.90	>.90	>.90

L70 Data

	Calculated	Reported*
350 mA	100,000	60,000

*Based on test duration.

COLT LBUL

LED BULLET

FEATURES

- Compact flood light with uniform 7x6 distribution
- Perfect for landscape lighting applications
- Durable 1/2" 14 NPS knuckle
- Easy to install by one person
- IP65 rating for durability in ground mounting applications

trade**SELECT**



SPECIFICATIONS

CONSTRUCTION

- Rugged die-cast aluminum housing
- Lens is made of UV stabilized acrylic

OPTICS

- Integral reflector optimizes efficiency
- Distribution is 7x6

INSTALLATION

- Suitable for ground mounting applications
- Standard knuckle is 1/2" x 14 NPS

ELECTRICAL

- Configurations for 120-277V applications
- 50/60 Hz power factor $\geq 90\%$

CERTIFICATIONS

- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC (DLC) premium qualifications, consult DLC website for more details: <http://www.designlights.org/QPL>
- Fixture is IP65 rated
- Listed to UL1598 for use in wet location

WARRANTY

- 5 Year warranty

ORDERING INFORMATION

Catalog Number	Mounting	Distribution	Wattage	Voltage	Lumens	LPW	CCT/CRI	Weight lbs. (kg)
LBUL-20-3K	Knuckle	7 X 6	20	120-277	2632	132	3000K/70	1.54 (.07)
LBUL-20-4K	Knuckle	7 X 6	20	120-277	2901	145	4000K/70	1.54 (.07)

KEY DATA

Lumen Range	2637-2690
Wattage	20
Efficacy Range (LPW)	132-134
Fixture Projected Life (Hours)	>60,000
Weight lbs. (kg)	1.54 (0.70)

COLT LBUL

MINI LED BULLET

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

PERFORMANCE DATA

SERIES NUMBER	SYSTEM WATTS	DISTRIBUTION TYPE	CCT/CRI	LUMENS	LPW	MAX CANDLE POWER
LBUL-20-3K	20	7 X 6	70/3000K	2632	132	1183
LBUL-20-4K	20	7 X 6	70/4000K	2901	145	1301

Lumen values are from photometric test performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment application and inherent performance balances of the electrical components.

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	OPERATING HOURS					L70 Calculated (hours)
	0	25,000	TM-21-11 L96 36,000	50,000	100,000	
25°C / 77°F	1.00	0.95	0.92	0.89	0.80	153,000
40°C / 104°F	0.99	0.94	0.91	0.88	0.77	138,000

1 Projected per IESNA TM-21-11 * Data references the extrapolated performance projections for the base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

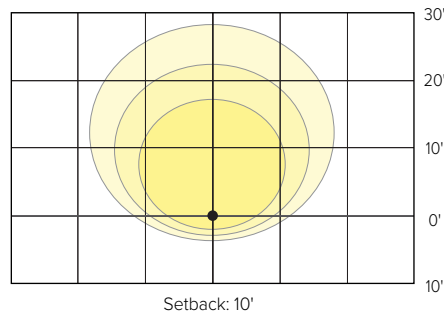
AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0° C	32° F	1.03
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	0.99
40° C	104° F	0.98
50° C	122° F	0.97

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

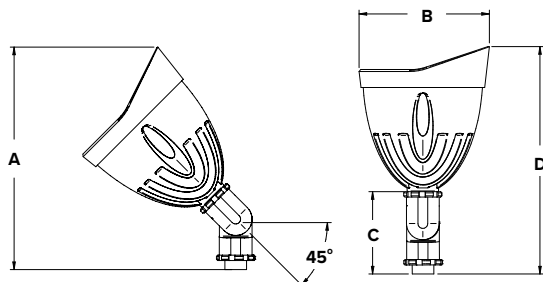
ELECTRICAL DATA

Nominal Wattage	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
20	120	0.167	20
	208	0.096	20
	240	0.083	20
	277	0.072	20

PHOTOMETRY



DIMENSIONS



A	B	C	D	Weight
7.2" (185 mm)	4.3" (108 mm)	2.8" (72 mm)	7.6" (192 mm)	1.54lbs 0.70kg

USE OF TRADEMARKS AND TRADE NAMES

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Proposal for new public art in East Bayside

Alice Spencer <alicespncr@gmail.com>
To: Sean King <sking@portlandmaine.gov>

Wed, Jun 5, 2024 at 12:58 PM

To Sean King and Members of the Portland Public Art Committee:

I heard indirectly from a member of the Public Art Committee that the committee wasn't clear about what we were asking the committee for when we attended the meeting to talk about a new public art installation for the Bayside area. I hope the proposal below will clarify our intent.

From 2016 to 2018 Mothers' Garden, a public art installation by Daniel Minter, stood at the Fox Street corner of the East Bayside soccer field and adjacent to the basketball court. Over time it became a beloved feature of that area and when it was removed there was widespread disappointment in the community. We propose to commission artist Daniel Minter to create a permanent sculpture to take its place. We hope to pay for the project with a grant from the ART Foundation.

We are asking the Portland Public Art Committee to support this proposal and work with us to:

- Designate an appropriate East Bayside area site.
- Facilitate the process of receiving and installing a gift of public art to the City.
- Help with in-kind and possible financial support, if needed.

I hope this provides further clarity to our request. We hope you'll discuss this proposal soon so we can start taking steps toward implementation.

Please let us know if you have questions.

Thank you!

Sincerely,

Alice Spencer
Mary Allen Lindemann
Moon Nguany