



WWII Monument
Torrance, CA

LUMINAIRE SCHEDULE and DATASHEETS

Initial Issue Date
December 15, 2025

Latest Revision Date
March 22, 2026

1		Revisions:
2	Bid Set	December 15, 2025
		March 22, 2026

WWII Monument

OCULUS LIGHT STUDIO

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GENERAL NOTES:

1. Luminaires shall have appropriate UL or other labels as required by local codes.
2. Luminaires shall include accessories for installation according to local and national codes.
3. Contractor shall verify the following prior to ordering luminaires:
 - a. locations and recess depths and any structural and other conflicts.
 - b. final voltages and ceiling trim compatibility.
 - c. ceilings more than 3/4" thick which limits trim compatibility.
 - d. luminaires in insulated ceilings, necessitating the need for insulated ceiling type housings.
4. Contractor shall provide approved fire-rated enclosures for luminaires located in a fire-rated ceiling.
5. Responsibility for emergency lighting, code compliance, and circuiting to meet code conformance remains with the Architect and Electrical Engineer as required by law.
6. Contractor shall submit luminaire substitutions prior to bid for review. Contractor shall supply a sample and/or photometric data if requested. If substitution is rejected, Contractor shall provide specified product.
7. Luminaire voltages to be determined by Project Electrical Engineer.
8. All luminaire sockets shall be labeled permanently, in the factory, with wattages indicated in "Lamp Specification" column, not maximum wattages.
9. Electrical Engineer may wire non-adjustable fixtures with emergency circuit(s) and power as needed.

LAST REVISIONS IN **BOLD**

WWII Monument							Initial Issue:	December 15, 2025
Torrance, CA							Latest Issue:	March 22, 2026
Type	Description	Luminaire Specification	Lamp Specification	Input Watts	Dimming Load Type	Luminaire Notes	Location	Rev No.
LB1	5" dia. 18' straight pole Finish: Standard finish	WE-EF Pole: AML-Z-18-50-188 Tenon: T3x4	N/A	N/A	N/A	Provide with pole top tenon to mount TA4 bracket.	Multiple	
LB1A	5" dia. 18' straight pole Finish: Standard finish	WE-EF Pole: AML-Z-18-50-188 Tenon: T3x4	N/A	N/A	N/A	Provide with pole top tenon to mount TA2 bracket.	Multiple	
LB1B	4" dia. 20' straight pole Finish: Standard finish	WE-EF AML-Z-20-60-156	N/A	N/A	N/A		Flag Pole	
LB2	LED pole-mounted adjustable area light Finish: Standard finish Optics: Diffuse Listings: UL, wet	BEGA Indirect Pole-Top Luminaire Aluminum Pole Fixture: B98019 Pole: B14THTE1	(Integral) Nominal lumens: 2776lm CCT: 3000K CRI: 90+	35.7W	0-10V		Garden	

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Type	Description	Luminaire Specification	Lamp Specification	Input Watts	Dimming Load Type	Luminaire Notes	Location	Rev No.
LD1	LED 4" dia. surface-mounted downlight Finish: Standard finish Optics: 55° Listings: UL, wet	BEGA Surface Mounted Downlight-Symmetric Very Wide Beam B24409-K3	(Integral) Nominal lumens: 961lm CCT: 3000K CRI: 80+	12W	0-10V		Restroom Building	
LD2	LED 4" dia. surface-mounted wall washer Finish: Standard finish Optics: Asymmetric Listings: UL, wet	BEGA Surface Mounted Downlight-Asymmetric Wall Washer B24426-K3	(Integral) Nominal lumens: 1359lm CCT: 3000K CRI: 90+	14W	0-10V		Restroom Building	
LG1	LED 3" wide 48" long linear ingrade wall grazer Finish: Standard finish Optics: Wallgraze Listings: ETL, wet, IK10	BOLD LIGHTING Billet Inground Wallgrazer Integral BOW-I-48-(finish)-H-U-B-B-G-9-30-0	(Integral) Nominal lumens: 1075lm/ft CCT: 3000K CRI:	15W/ft	0-10V		Monument	
LG1A	LED 3" wide 60" long linear ingrade wall grazer Finish: Standard finish Optics: Wallgraze Listings: ETL, wet, IK10	BOLD LIGHTING Billet Inground Wallgrazer Integral BOW-I-60-(finish)-H-U-B-B-G-9-30-0	(Integral) Nominal lumens: 1075lm/ft CCT: 3000K CRI:	15W/ft	0-10V		Monument	
LG1B	LED 3" wide 60" long linear ingrade wall grazer Finish: Standard finish Optics: Wallgraze Listings: ETL, wet, IK10	BOLD LIGHTING Billet Inground Wallgrazer Integral BOW-I-60-(finish)-H-U-B-B-G-9-30-0	(Integral) Nominal lumens: 1075lm/ft CCT: 3000K CRI:	15W/ft	0-10V		Monument	

WWII Monument Torrance, CA						Initial Issue:	December 15, 2025	
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Type	Description	Luminaire Specification	Lamp Specification	Input Watts	Dimming Load Type	Luminaire Notes	Location	Rev No.
LG2	LED 2.4" dia. ingrade uplight Finish: Standard finish Optics: 115° Listings: UL, wet	TARGETTI Saturn Small Direct View LED Marker Light SAT-RP-DV-L1-30-24-(driver)-(installation)-(installation accessories)	(Remote) Nominal lumens: 48lm CCT: 3000K CRI: 90+	4W	0-10V		Monument	
LL1	LED spike mounted tree uplight Finish: Standard finish Optics: 40° Listings: ETL, wet	HEVI LITE HL-918 Fixture: HL-918-(finish)-L30-30-FL-120-277-(drivers)-GL-920 Mounting: GM-3-(finish)	(Integral) Nominal lumens: 720lm CCT: 3000K CRI: 90	5.4W	ELV	Fixture requires a remote driver which shall be concealed in accessible, well ventilated location.	Garden	
LL-F1	LED 5" dia. pole-mounted gobo projector Finish: Standard finish Optics: Adjustable gobo Listings: UL, wet	WE-EF FLC220 LED Gobo Projector Fixture: 139-2124 Mounting: TA4-L Mounting bracket, quad Gobo: Rosco Amorphous Pattern 77764	(Integral) Nominal lumens: 4900lm CCT: 3000K CRI: 80	42W	0-10V	Fixture is mounted to LB1 pole. Provide with TA4-L mounting; Manufacturer to confirm compatibility with the LB1 pole.	Garden	
LL-F2	LED 7.5" dia. pole-mounted floodlight Finish: Standard finish Optics: Symmetric, medium beam (M) Listings: UL, wet	WE-EF FLC220 LED Fixture: 139-2026 Mounting: TA4-L Mounting bracket, quad	(Integral) Nominal lumens: CCT: 3000K CRI: 80	29W	0-10V	Fixture is mounted to LB1 pole. Provide with TA4-L mounting; Manufacturer to confirm compatibility with the LB1 pole.	Garden	

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Type	Description	Luminaire Specification	Lamp Specification	Input Watts	Dimming Load Type	Luminaire Notes	Location	Rev No.
LL-F3	LED 7.5" dia. pole-mounted floodlight Finish: Standard finish Optics: Symmetric, wide beam (W) Listings: UL, wet	WE-EF FLC220 LED Fixture: 139-2024 Mounting: TA2-L Mounting bracket, double	(Integral) Nominal lumens: CCT: 3000K CRI: 80	29W	0-10V	Fixture is mounted to LB1A pole. Provide with TA2-L mounting; Manufacturer to confirm compatibility with the LB1A pole.	Garden	
LL-F4	LED 7.5" dia. pole-mounted floodlight Finish: Standard finish Optics: Symmetric, narrow beam (N) Listings: UL, wet	WE-EF FLC220 LED Fixture: 139-2028 Mounting: TS2-2/M16 Pole lamp, double	(Integral) Nominal lumens: CCT: 3000K CRI: 80	29W	0-10V	Fixture is mounted to LB1B pole. Provide with TS2-2/M16 mounting; Manufacturer to confirm compatibility with the LB1A pole.	Garden	

End of Lighting Fixture Schedule

AML-Z-ANC

Constant - Aluminum

we-ef

Straight round aluminum, anchored. Chromated pre-treatment with superior powdercoat finish in black RAL9004, grey metallic RAL9007, white RAL9016 or dark bronze RAL8019. Service door included, varies by product size.

The shaft is extruded from all new 6063 alloy aluminum tubing and heat treated to produce a T6 temper. Cast from A356 alloy aluminum, the anchor base is heat treated to produce a T6 condition and inserted into the anchor base casting. The two pieces are joined by a continuous circumferential weld at the outside top and inside bottom of the anchor base. The anchor bolts and nuts recess in the base casting, sitting flush, and are covered by four (4) tamper-resistant aluminum nut cover discs. Anchor bolts provided with pole.

Refer to Individual Spec sheets for allowable wind loading (Square Feet) - attached at the bottom.

Specify Product Code

-

Specify Pole Top or Tenon: 3"x3" Tenon (-T3x3), 3"x4" Tenon (-T3x4), 3"x4"

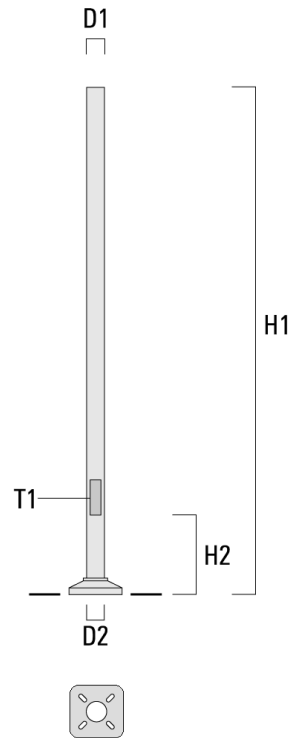
Tenon (-T3x5), or Pole Cap (-CAP)

-

Specify Finish Color: Black (-9004), Grey Metallic (-9007), White (-9016), or

Dark Bronze (-8019); (consult WE-EF color chart for others)

SAMPLE: 695-1140-T3x5-9004



Description	Part ID	D1	D2	H1	H2	Spigot	WallThickness	Weight
AML-Z-008-40-125	693-1220	4	4	8 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.13	19
AML-Z-10-40-125	693-1221	4	4	10 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.13	22
AML-Z-10-50-125	693-1222	5	5	10 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.13	27
AML-Z-12-40-125	693-1223	4	4	12 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.13	26
AML-Z-12-50-156	693-1224	5	5	12 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.16	38

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Luminaire Type

LB1

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AML-Z-ANC**Constant - Aluminum****we-ef**

AML-Z-14-50-156	693-1225	5	5	14 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.16	44
AML-Z-16-50-188	693-1230	5	5	16 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.19	58
AML-Z-16-60-156	693-1231	6	6	16 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.16	59
AML-Z-18-50-188	693-1232	5	5	18 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.19	65
AML-Z-18-60-188	693-1233	6	6	18 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.19	78
AML-Z-20-60-156	693-1234	6	6	20 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.16	73
AML-Z-20-60-188	693-1235	6	6	20 ft	23.62 in	Ø 3. x 3.15/ Ø 3. x 5.12/ Ø 3. x 7.87/ Ø 3.5 x 7.87/ Ø 4.25 x 7.87	0.19	86
AML-Z-08-60-156	693-0420	6	6	96	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.16	
AML-Z-10-60-156	693-0421	6	6	120	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.16	
AML-Z-12-60-156	693-0424	6	6	144	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.16	
AML-Z-14-60-156	693-0422	6	6	168	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.16	
AML-Z-16-60-156	693-0423	6	6	192	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.16	59
AML-Z-18-60-188	693-0425	6	6	216	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.19	78
AML-Z-20-60-188	693-0426	6	6	240	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.19	86
AML-Z-25-60-188	693-0427	6	6	300	23.62	Ø 3. x 3.15 + Ø 4. x 3.15	0.19	106

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Luminaire Type

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LB1

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Application

Pole-top luminaire with adjustable, indirect light distribution. A symmetric distribution is produced when the top reflector is set in the horizontal position and becomes asymmetric when the reflector is adjusted from 0° to 30°.

Materials

Clear safety glass
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
High temperature silicone gasket
Pure anodized aluminum reflector surface

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 33.0 lbs.

EPA (Effective projection area): 3.2 sq. ft.

Electrical

Operating voltage 120V or 277V AC
Minimum start temperature -10° C
LED module wattage 35.7 W
System wattage 39.7 W
Controllability 0-10V, TRIAC, and ELV dimmable
Color rendering index Ra > 90
Luminaire lumens 2776 lm
LED service life (L70) 60000 hrs

LED color temperature

- ☐ 4000K (K4)
- ☐ 3500K (K35)
- ☐ 3000K (K3)
- ☐ 2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL, custom, and premium colors provided in polyester powder and/or liquid paint.

Available colors

- ☐ Black (BLK)
- ☐ Bronze (BRZ)
- ☐ Silver (SLV)
- ☐ White (WHT)
- ☐ RAL:
- ☐ CUS:

Type:

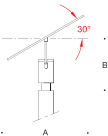
BEGA Product:

Project:

Modified:

Available options

- ☐ MGU Marine grade undercoat



Indirect pole-top luminaire · Adjustable · Cut-off optics			
	LED	A	B
B98019	35.7 W	31 1/2	21 1/4

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Luminaire Type

LB2

Application

A round, tapered, aluminum pole with a hinged base. Useful for mounting pole-top luminaires, floodlights, banners, or other accessories. The hinged base allows for ease of access to pole-tops mounted to the pole. This pole is intended for regions with high wind speed or high EPA fixtures. Consult a licensed structural engineer when specifying. Poles must be unwrapped when delivered and should not be allowed to sit in their packaging. Poles specified without pole tops require internal approval before release.

Materials & Specifications

Extruded aluminum pole shaft
A356 aluminum alloy anchor base heat-treated to T6 temper
Anchor bolts conform to ASTM F1554 Grade 55 with L bend on one end and galvanized minimum 12" on threaded end
Anchor bolts provided with (2) hex nuts and (2) flat washers
2-piece aluminum cover provided with anchor base

Wall thickness: 0.188"

Structural weight: 43.0 lbs

Maximum Luminaire Weight: 50 lbs

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL, custom, and premium colors provided in polyester powder and/or liquid paint.

Available colors

- ☐ Black (BLK)
- ☐ Silver (SLV)
- ☐ RAL:
- ☐ Bronze (BRZ)
- ☐ White (WHT)
- ☐ CUS:

Type:

BEGA Pole:

Location:

Quote or Sales Order:

Date:

Specifier:

Representative:

BEGA Luminaire:

Total Mounted EPA:

Total Mounted Weight:

Available options

- ☐ CUS
- ☐ GFCI
- ☐ MGU
- ☐ RAL
- Custom finish
- GFCI with standard cover (Orientation: 180°;
Height: 18" A.F.G)
- Marine grade undercoat
- RAL Classic, matte finish

Available accessories

- ☐ B19615
- ☐ BDPC-1
- ☐ BDPC-2
- ☐ BDPC-3
- Square base cover
- Decorative pole base cover
- Decorative pole base cover
- Decorative pole base cover

See individual accessory spec sheet for details.

Included (available for pre-shipment)

- ☐ B14RHTE1-AB Anchorage kit



Aluminum pole - Round Hinged Tapered High EPA								
	A	B*	C	D	E			
B14RHTE1	3"	14'	12 ^{5/8} "	5"	3"			
Pole wind load rating								
MPH	85	90	100	110	120	130	140	150
EPA**	13.8	12.1	9.5	7.6	6.2	5.1	4.2	3.6

*Height is rounded to the nearest foot, for precise measurements see submittal drawing.

**Data above assumes grade level installation and a maximum luminaire weight of 50 lbs.

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Luminaire Type

LB2

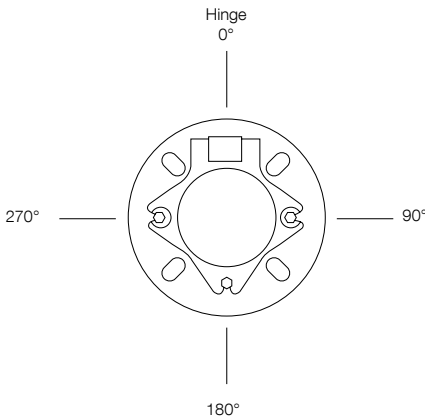
Pole Base Cover Reference

See page 01 for compatibility

BEGA

Included	Decorative (optional)	Square (optional)
 Round	 DPC-1  DPC-2  DPC-3	 B19614  B19615  B19605

Location Diagram



Options

Power Receptacle

GFCI covers provided are intended for portable tools or other portable equipment connected to the outlet when attended.
Wet location listed when cover is closed.

- ☐ GFCI at default location
Orientation: 180°; Height: 18" A.F.G.
☐ In-user cover

Modifications

Any changes or additions to BEGA North America's standard pole offering that are not listed as accessories or options are considered modifications. Should a modification be required, the below section is intended to help streamline the process during the initial design and specification. All modifications will need to be quoted and approved by BEGA North America prior to order placement.

Modified Pole Height:

Power Receptacle - Nonstandard Location

- ☐ GFCI at custom location
Orientation:
Height (min. 18" A.F.G.):
☐ In-user cover

Vibration Dampener

- ☐ Vibration dampener
Solution provided will vary depending on needs.

Handhole

Handhole must be 18" from GFCI

- ☐ Handhole at default location
Orientation: 0°; Height: 18" A.F.G.
☐ Handhole at custom location
Orientation:
Height:

Still not finding what you need?

Additional modifications may be available. Please contact your local BEGA representative to learn more about our modification capabilities.

Note: Accessories, options, and modifications may require additional lead-time and increase cost. All details must be quoted and approved by BEGA North America prior to order placement.

Disclaimer

BEGA North America warrants the specific anchor bolts and pole combination according to the product number(s) and description(s) indicated on the submittal sheet. Structural changes to the pole requested by the customer, including changes to pole length, may affect the compatibility of the anchor bolts and corresponding poles. BEGA North America is not responsible for the incompatibility of the anchor bolts and poles resulting from such structural changes without review by the BEGA North America engineering department. This includes, but is not limited to, any labor charges, charges for replacement materials and shipping. For safety reasons, do not mount more than 50 lbs. to hinged poles and more than 62 lbs. to fixed poles. Pole capacities are based upon the provisions of AASHTO 2013 (LTS-6) and assume a max vertical eccentricity to the fixture of 2'-0" above the pole top. Adequate drainage must be provided in concrete foundation or grout. Do not seal the base of the pole. Due to structural reasons, do not install pole without fixture or other appropriate weight on the top. BEGA North America is not responsible for ensuring local code compliance of anchor bolts, pole or pole top, including but not limited to wind speed or ice loading calculations.

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Luminaire Type

LB2

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Application

Compact ceiling mounted downlights designed for down lighting atriums, canopies, passages and other interior and exterior locations.

Materials

Clear safety glass
Marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy
Silicone applied robotically to casting, plasma treated for increased adhesion
Pure anodized aluminum reflector surface
Silicone optic with excellent high temperature and UV stability
BEGA Hybrid Optics®

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 1.65 lbs.

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-30° C
LED module wattage	8.0W
System wattage	12.0W
Controllability	0-10V dimmable
Color rendering index	Ra > 80
Luminaire lumens	961 lm
LED service life (L70)	60000 hrs

LED color temperature

4000K (K4)
3500K (K35)
3000K (K3)
2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL and custom color finishes provided in either polyester powder or liquid paint.

Available colors

Black (BLK)	Bronze (BRZ)
Silver (SLV)	White (WHT)
RAL:	CUS:

Type:

BEGA Product:

Project:

Modified:

Available options

CUS	Custom finish
FSC	Fusing
MGU	Marine grade undercoat
RAL	RAL finish

Included (available for pre-shipment)

B19538	Small opening wiring box
--------	--------------------------



Surface mounted downlight · Symmetric very wide beam

	LED	□	A	B
B24409	8.0W	55°	3 ⁷ / ₈	4 ³ / ₈

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Luminaire Type

LD1

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SEATTLE | 107 Spring Street Seattle WA 98104 USA +1 206 876 8555
www.oculuslightstudio.com

Application

Compact ceiling mounted downlights with an asymmetric distribution designed for the illumination of walls in corridors and other interior and exterior locations.

Materials

Clear safety glass
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Silicone applied robotically to casting, plasma treated for increased adhesion
Pure anodized aluminum reflector surface
Silicone optic with excellent high temperature and UV stability

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 3.1 lbs.

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-30° C
LED module wattage	11.5 W
System wattage	14.0 W
Controllability	0-10V, TRIAC, and ELV dimmable
Color rendering index	Ra > 90
Luminaire lumens	1359 lm
LED service life (L70)	60000 hrs

LED color temperature

4000K (K4)
3500K (K35)
3000K (K3)
2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL and custom color finishes provided in either polyester powder or liquid paint.

Available colors

Black (BLK)	Bronze (BRZ)
Silver (SLV)	White (WHT)
RAL:	CUS:

Type:

BEGA Product:

Project:

Modified:

Available options

CUS	Custom finish
FSC	Fusing
MGU	Marine grade undercoat
RAL	RAL finish



Surface mounted downlight · Asymmetric wall washer

	LED	A	B
B24426	11.5W	5 7/8	5 1/4



BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805)684-0533 info@bega-us.com

Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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Project

WWII Monument

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OCULUS LIGHT STUDIO

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Luminaire Type

LD2

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BILLET

WALLGRAZER INTEGRAL - WET LOCATION

bold
lighting



The Billet family of products allows you to achieve uniformity throughout indoor and outdoor spaces while maintaining the same optical performance, light consistency, and overall aesthetics.

The Billet Wallgrazer delivers unmatched vertical illumination with virtually zero glare. The Billet confidently delivers a flawless light distribution and a beautifully finished product.

CONSTRUCTION

Product Type : Linear
Body Material : Extruded Aluminum
Body Finish : Black / Grey / White
Custom RAL
IP Rating : IP67 Inground
IP66 Ceiling Recessed
IK Rating : IK10
Drive Over Rating : Billet Inground is designed to bear static loads up to 2500 lbs. from vehicles with pneumatic tires. This product is not intended to be used for traffic lanes. Chicago plenum rated

INSTALLATION

Environment : Wet Location
Mounting : Inground / Ceiling Recessed (Trim & Trimless) / Wall Recessed (Trim & Trimless) / Surface Mounted / Wall Mounted / Pendant

OPTICS

Optical Distribution : Wallgraze

LIGHT SOURCE

Direct Light Source : Hi-power LEDs
Luminous Output : from 385lm/ft. to 1485lm/ft. (Delivered)
Light Source CCT : 2700K / 3000K / 3500K 4000K / Tunable White (2700K-5000K)
Dim-to-Warm (3000K-1800K) / RGBW
Color Rendering Index : Ra90
Lifetime : L80 B10 @ 70,000 Hrs

ELECTRICAL

Input Voltage : 120V / UNV 120-277V - 50Hz/60Hz
Load : 5W/ft. to 20W/ft.
Output Type : Constant Current
Driver Type : Integral
Dimming : 0-10V / DALI / ELV / DMX / Lutron Hi-Lume
Code Compliance : ETL / CSA / CE

Series	Mounting	Nominal Length ¹
BOW	R Recessed with Trim	12 12"
	T Recessed Trimless*	24 24"
	S Surface Mounted	36 36"
	P Pendant	48 48"
	I Inground*	60 60"
	W Wall Mounted	XX Custom in
	*For Inground "I" and Recessed Trimless "T" mountings, the housings will show on the price quote and order as a separate item to allow us to ship them ahead of the fixtures if required by the contractor. For custom lengths and shapes, consult factory. For exact lengths refer to dimensions table.	

Code example: **BOW**-P12W-L1B-W-G927-0

Body Finish	Output	Voltage	Dimming	Baffles	Beam Angle	CRI	Color Temp	Emergency
B Black	L² 440lm/ft (5W)	1 120V	A No Dimming	W Flat White	G Grazer	9 +90	27 2700K	0 No
G Grey	M² 765lm/ft (10W)	U⁶ Universal 120 to 277V	B 0-10V to 1%	B Flat Black			30 3000K	
W White	H² 1075lm/ft (15W)		D DALI to 1%	N Black Nickel			35 3500K	
X Custom RAL	V² 1390lm/ft (20W)		E ELV Dimming	C Specular Chrome			40 4000K	
	D³ 420lm/ft (9W)		F DMX	E Diffuse Gold			WD 3000K-1800K	
	W² 1195lm/ft (18W)		G⁷ LUTRON	X Custom			TW 2700K-5000K	
	U⁴ 650lm/ft (10W)						CC⁸ RGBW	
	A⁴ 1195lm/ft (20W)							
	C⁵ 1005lm/ft (20W)							

Notes:

- ¹ 6" length increments available as a modification.
- ² Denotes output at 3000K, unless otherwise noted.
- ³ Denotes output specific to Dim-to-Warm at 3000K.
- ⁴ Denotes output specific to Tunable White at full on.
- ⁵ Denotes RGBW (IC) output with all colors at full power.
- ⁶ Not applicable for ELV dimming.
- ⁷ Hi-lume, Vive, and Athena compatible.
- ⁸ Only available with DMX dimming.

Consult factory for lead-times.
Consult factory for systems using multiple optics and mounting configurations.



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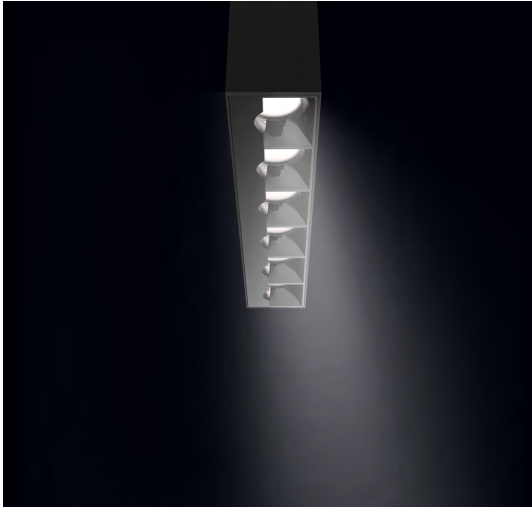
Luminaire Type

LG1 SERIES

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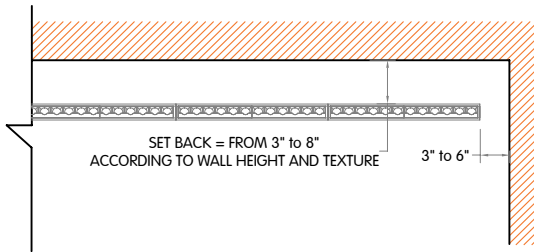
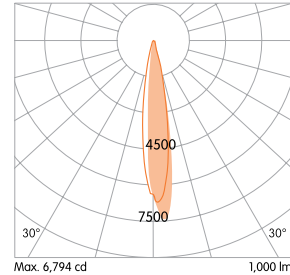
OPTICAL FLEXIBILITY

BAFFLED WALLGRAZER



Billet wallgrazer delivers maximum performance for emphasizing textured and rough vertical surfaces. The standard output illuminates walls up to 14'-0" with outstanding transversal and longitudinal glare control.

15° Wallgrazer



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Luminaire Type

LG1 SERIES

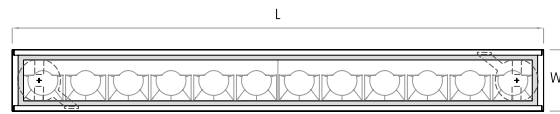
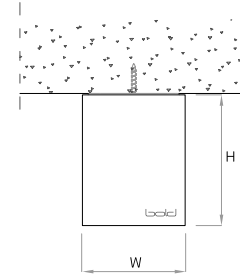
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MOUNTING FLEXIBILITY

SURFACE MOUNTED



Actual
 $L = 24\frac{1}{2}" \mid 36\frac{5}{16}" \mid 48\frac{1}{8}" \mid 59\frac{5}{16}"$
 Continuous runs
 $W = 2\frac{13}{16}"$
 $H = 3\frac{9}{16}"$

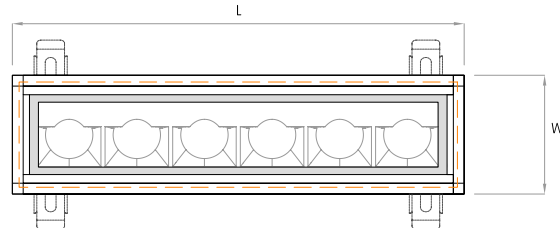
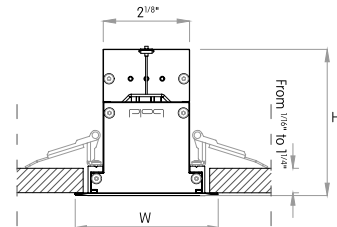


RECESSED WITH TRIM



$(L = 13\frac{1}{16}" \times W = 13\frac{1}{16}")$

Actual
 $L = 13\frac{3}{16}" \mid 25" \mid 36\frac{13}{16}" \mid$
 $48\frac{5}{8}" \mid 60\frac{7}{16}"$
 Continuous runs
 $W = 3\frac{7}{16}"$
 $H = 3\frac{9}{16}"$



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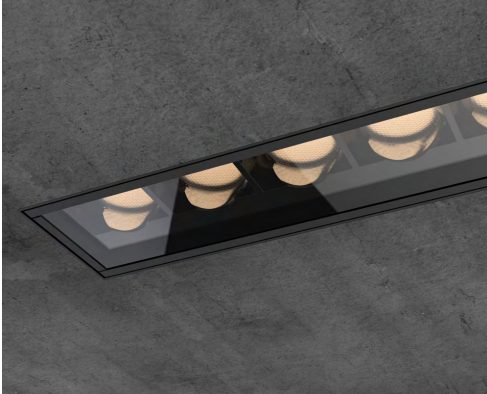
Luminaire Type

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MOUNTING FLEXIBILITY

RECESSED TRIMLESS



$$\left(L + \frac{1}{16}'' \times W + \frac{1}{16}'' \right)$$

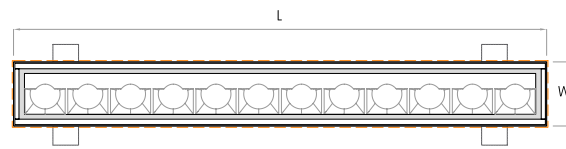
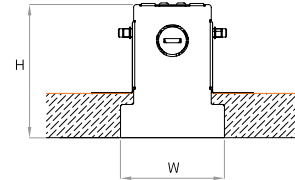
Actual

L = 24⁵/₈" | 36³/₈" | 48¹/₄" | 60"

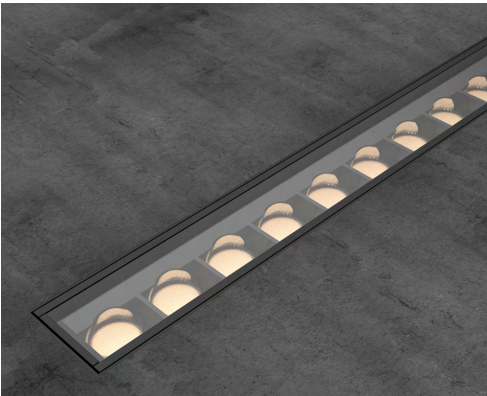
Continuous runs

W = 2¹⁵/₁₆"

H = 3¹³/₁₆"



INGROUND



Actual

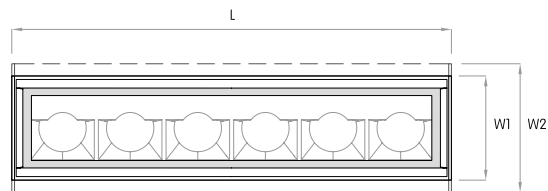
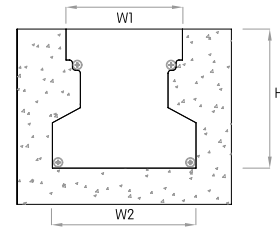
L = 12¹³/₁₆" | 24⁵/₈" | 36⁷/₁₆" |

48¹/₄" | 60"

Continuous runs

W1 = 3" | W2 = 3³/₄"

H = 3⁵/₈"



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Luminaire Type

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MOUNTING FLEXIBILITY

PENDANT



Actual

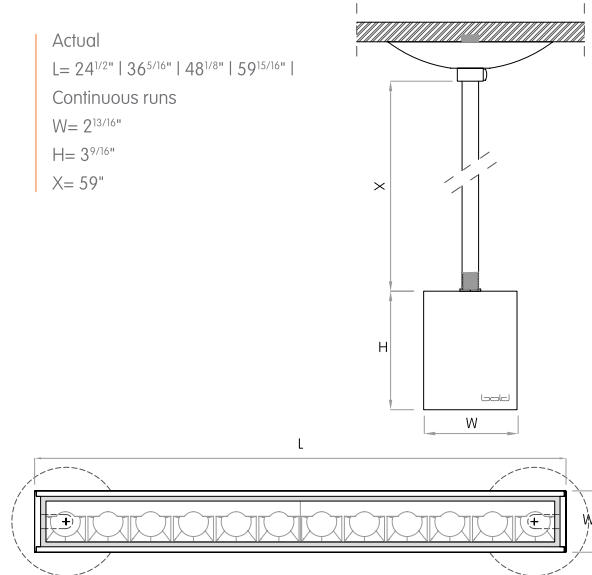
L= 24¹/₂" | 36⁵/₁₆" | 48¹/₈" | 59¹⁵/₁₆" |

Continuous runs

W= 2¹³/₁₆"

H= 3⁹/₁₆"

X= 59"



WALL MOUNTED



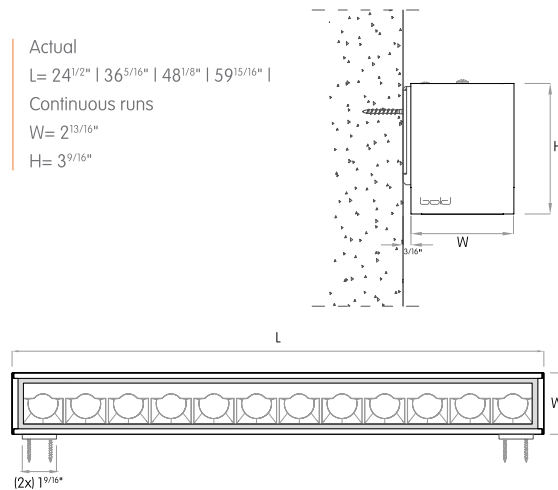
Actual

L= 24¹/₂" | 36⁵/₁₆" | 48¹/₈" | 59¹⁵/₁₆" |

Continuous runs

W= 2¹³/₁₆"

H= 3⁹/₁₆"



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DELIVERED LUMEN OUTPUT
Per Linear Foot

Output		Watts		CRI +90			
STATIC-WHITE		2700K	3000K	3500K	4000K		
L	5W	385 lm	440 lm	420 lm	425 lm		
M	10W	725 lm	765 lm	780 lm	795 lm		
H	15W	1050 lm	1075 lm	1135 lm	1160 lm		
V	20W	1350 lm	1390 lm	1460 lm	1485 lm		
DIM-TO-WARM 3000K-1800K		3000K					
D	9W	420 lm					
W	18W	1195 lm					
TUNABLE WHITE 2700K-5000K		2700K	5000K				
U	10W	650 lm	650 lm				
A	20W	1195 lm	1195 lm				
RGBW		R	G	B	W		
TOTAL	20W	615 lm	1005 lm	155 lm	955 lm		

DIMENSIONS TABLE

					12"		24"		36"		48"		60"	
	Height		Width		Actual Length									
Surface Mounted	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
	91	3 9/16	72	2 13/16			622	24 1/2	922	36 5/16	1222	48 1/8	1522	59 15/16
Recessed with Trim	91	3 9/16	88	3 7/16	335	13 3/16	634	25	934	36 13/16	1234	48 5/8	1534	60 7/16
Recessed Trimless	97	3 13/16	75	2 15/16			624	24 5/8	924	36 3/8	1224	48 1/4	1524	60
Pendant	91	3 9/16	72	2 13/16			622	24 1/2	922	36 5/16	1222	48 1/8	1522	59 15/16
Inground (with housing)	92	3 5/8	95	3 3/4	325	12 13/16	625	24 5/8	925	36 7/16	1225	48 1/4	1525	60
Wall Mounted	91	3 9/16	72	2 13/16			622	24 1/2	922	36 5/16	1222	48 1/8	1522	59 15/16



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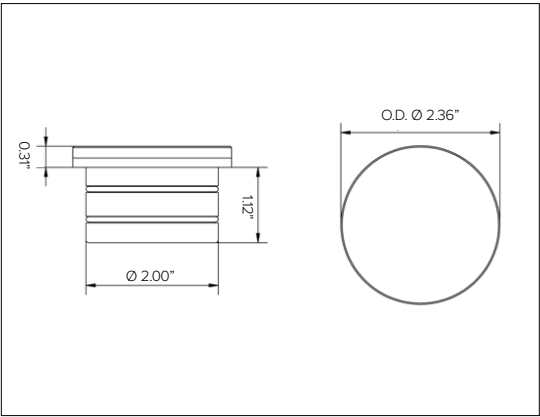
Luminaire Type

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SATURN

Small Direct View LED Marker Light



CONCEPT

Small direct view recessed ingrade / wall marker light.

FIXTURE MECHANICAL CHARACTERISTICS

Housing	Ø 2.36" Dia.
Materials	Milled anodized aluminum marine grade cataphoresis ⁴ body. Opal white .35" thick polymethyl methacrylate lens.
Power Connection	Pre-cabled with 2ft direct burial 18ga 2 conductor cable for connection to remote power supply.
Mounting	Recessed mounting with installation sleeve (required).
Installation	Flush recessed ingrade / wall mounting installation sleeve with adjustable collar for precision mounting, see available options.
Protection	IP67
Resistance	Walkover rated only.

CERTIFICATIONS

cULus Class 2 Wet Location Listed.
Tested in accordance with LM-79-08.
Compliant for California installations.
Made in America, BAA, BABA

WARRANTY

5 year limited warranty.
⁴Fixture body complete with marine grade suitable for use in marine grade environments. Not to be in direct contact with salt or corrosive agents for extended periods of time.

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Driver	Remote Class 2 120V-277V AC power supply required, see available options.
Wattage	4W nominal
Voltage	24V DC
Operating Temp.	-25°C / +35°C

SOURCE

High Efficiency LED					
TM30	CCT (Nominal)	CRI	R _f	R _g	SDCM
	2200K	97	94	103	2
	2700K	98	95	102	2
	3000K	98	95	102	2
	3500K	97	90	98	2
	4000K	96	90	98	2

OPTIC

Direct view opal white lens.



Beam	DV	
Delivered Lumens	3000K	48Lm
	4000K	51Lm
For 2700K lumen values use multiplier of 0.96 from 3000K. For 3500K lumen values use multiplier of 1.02 from 3000K.		
Efficacy	10Lm/W max. Refer to photometric graphs for specific values.	
Lifetime	L70/B10 >35,000hrs at max TA +25°C	
Photobiological Classification	Low risk safety RG1	

SATURN

SPECIFICATION INFORMATION

SAT									
1	2	3	4	5	6	7	8	9	10
							REQUIRED		OPTIONAL

Ex: SATRPDVL13024 / DMLE301242UD / 1US3177S

1 - PRODUCT CODE	3 - DRIVER	4 - LENS	5 - WATTAGE	6 - KELVIN	7 - VOLTAGE
SAT — SATURN	RP — Remote Driver	DV — Direct View	L1 — 4W	22 — 2200K 27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	24 — 24V DC
8 - DRIVER	9 - INSTALLATION	10 - INSTALLATION ACCESSORIES			
Power Supply See section for details	2" Installation Sleeve See section for details 3" Installation Sleeve See section for details 6" Installation Sleeve See section for details 9" Installation Sleeve See section for details	Sleeve mounting HUB See section for details Installation J-box See section for details			

SATURN

8 - POWER SUPPLY (REQUIRED)

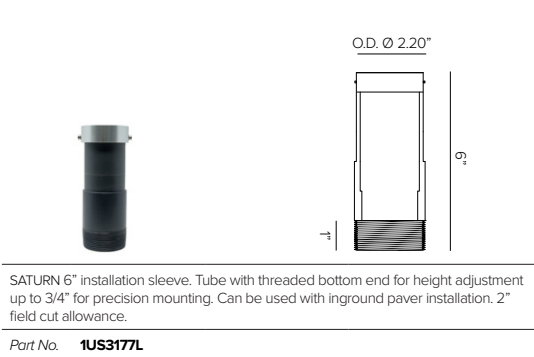
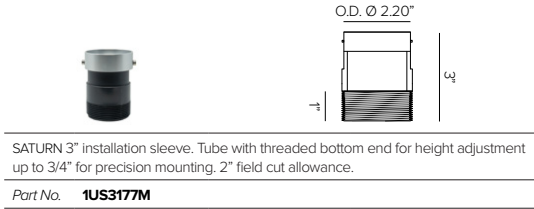
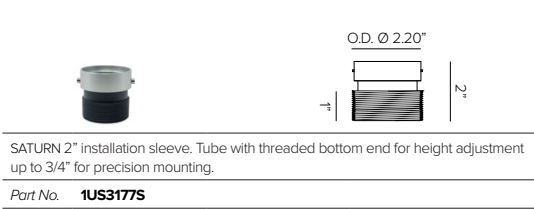
ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DMLE301242UD	30W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELV30124DJBX	30W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DMLE601242UD	60W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	4.47" X 6.79" X 1.38"	EMCOD electronic driver with wiring compartment.
DELV60124DJBX	60W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DMLE961242UD	96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.16" X 7.73" X 1.54"	EMCOD electronic driver with wiring compartment.
DELV96124DJBX	96W	0-10V	0.1%	IP65	120-277V / 24V	UL Class 2	12.1" X 2.4" X 1.4"	Magnitude SOLIDrive electronic driver with built in junction box.
DEDDX100241CDMX	100W	DMX 1Ch Group Control	0%	NEMA3R	120-277V / 24V	UR Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DMLE1922242UD	2X96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD electronic driver with wiring compartment.
DEDDX200241CDMX	2X100W	DMX 1Ch Group Control	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DMLE2882242UD	3X96W	MLV / ELV / 0-10V / TRIAC	MLV / ELV <10% 0-10V 1%	NEMA3R	120-277V / 24V	UL Class 2	5.04" X 10.94" X 1.81"	EMCOD electronic driver with wiring compartment.

STAND ALONE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Standalone)	Description
DELV30124D	30W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DELV60124D	60W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.
DELV96124D	96W	0-10V	0.1%	IP65	120-277V / 24V	UR Class 2	7.5" X 2.4" X 1.4"	Magnitude SOLIDrive electronic standalone driver. UL listed enclosure provided by others.

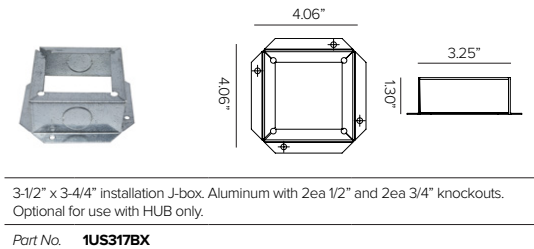
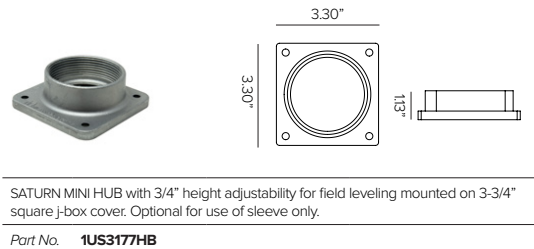
MAX FIXTURES PER DRIVER									
Fixture Wattage	Driver Wattage								
	30W	60W	90W	100W	2X90W	2X96W	2x100W	3X90W	3X96W
4W	6	12	18	19	20	18+18	19+19	20+20	18+18+18
									19+19+19

SATURN

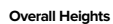
9 – INSTALLATION (REQUIRED)



10 – INSTALLATION ACCESSORIES (OPTIONAL)

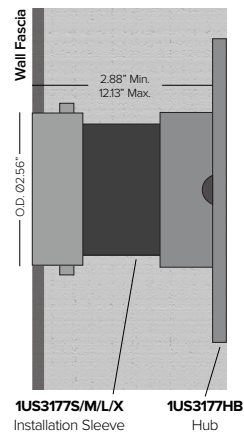


In-Ground Mounting

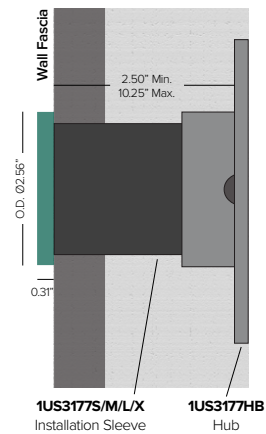


2" Installation Sleeve = 4.00" Min to 4.75" Max
3" Installation Sleeve = 5.00" Min to 5.75" Max
6" Installation Sleeve = 8.00" Min to 8.75" Max
9" Installation Sleeve = 11.00" Min to 11.75" Max

Recessed sleeve with collar for flush mounting.



Recessed sleeve without collar for surface mount with outer glow effect.



NOTE: Low voltage outdoor landscape wiring to be installed by a certified electrician per local building requirements, max 4A 96W circuit.

SATURN

PHOTOMETRY



Application

Flush in-grade small-scale asymmetric floodlights. Designed for directional lighting, uplighting of trees, walls, columns, or signage from ground surfaces. Luminaires require a remote 24 V DC class 2 power supply suitable to operate at the intended LED wattage.

Materials

Clear safety glass
Corrosion-resistant 304 grade stainless steel
High temperature silicone gasket
Mechanically captive stainless steel fasteners
Pure anodized aluminum reflector

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 68

Weight: 3.1 lbs.

Electrical

Operating voltage	24VDC (remote power supply req.)
Minimum start temperature	-40° C
LED module wattage	3.0W
System wattage	5.8W
Controllability	Non-Dimming
Color rendering index	Ra > 80
Luminaire lumens	364 lm
LED service life (L70)	60000 hrs

LED color temperature

4000K (K4)
3500K (K35)
3000K (K3)
2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

#4 brushed stainless steel. Custom colors are not available.

Type:

BEGA Product:

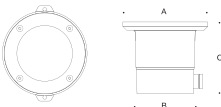
Project:

Modified:

Available accessories

B19580 Remote driver box · Static white
B19591 Remote driver box · Static white

See individual accessory spec sheet for details.

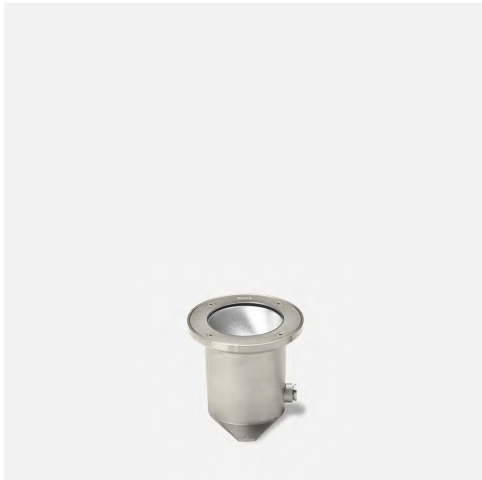


In-grade luminaire · Asymmetric · 24V DC

	LED	β	A	B	C
B77019	3.0W	38°x35°	4 ⁵ / ₈	3 ¹ / ₈	3 ⁷ / ₈

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805)684-0533 info@bega-us.com

Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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Luminaire Type

LG3

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139-2124_min

FLC220 LED GOBO PROJECTOR

we-ef



Description

Profile Projector [GP] for projection of gobos on a surface.

Spherical and aspherical, double flat convex lens system.
Aperture angle ranges from 12-16°.

Gobo size G. Gobo outside diameter 66 mm, max printable
area d = 48 mm. WE-EF recommends d = 38 mm.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy.
5CE superior corrosion protection including PCS hardware.
Silicone CCG® Controlled Compression Gasket. Safety
glass main lens. One cable gland, second gland for through
wiring on request. PMMA LED lens array. Integral driver,
thermally separated. Factory-installed LED circuit board.
LED board can be removed for upgrading.

Specify product with 7 Digit product code - Finish Color.
Accessories, such as mounting, optical, and electrical, must
be specified separately.

Example: XXX-XXXX-9004 (Black)

+ XXX-XXXX (Accessory 1)

Weight	18.08 lb
Light distribution	symmetric Gobo-Projector [GP] - min aperture angle
Light source	LED-FT-37W (4000K)
CRI	80
Power supply	electronic gear
LEDs	1
Rated input power	42 W

Delivered lumens (lm)

LED Lumen	1396.3
Total Lumen	1396.3
Ta	25

Nominal Lumen (lm)

LED Lumen	4900
Total Lumen	4900
Tc	25

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Project

Luminaire Type

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LL-F1

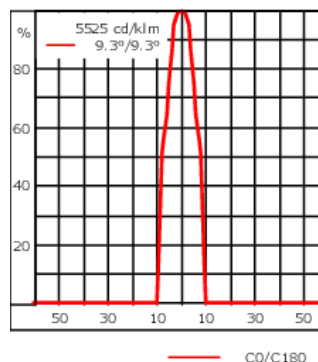
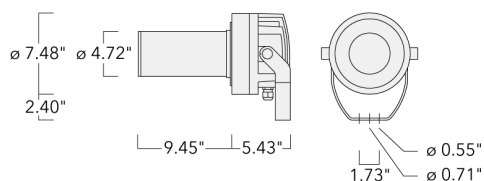
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FLC220 LED GOBO PROJECTOR

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.503

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FLC220 LED GOBO PROJECTOR

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Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Power factor	> 0.9
Surge protection	Integral 10kV Surge Protector

Additional information

Lifetime	Ta=25°/40° L70B50 > 50000h
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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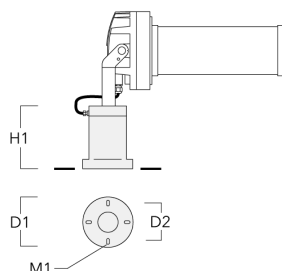
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Mounting Accessories

Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-M16	270-9038	6.3	5.12	7.87"	0.35"	4.85 lbs



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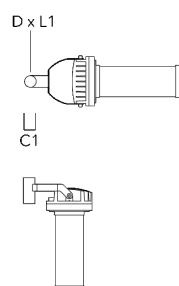
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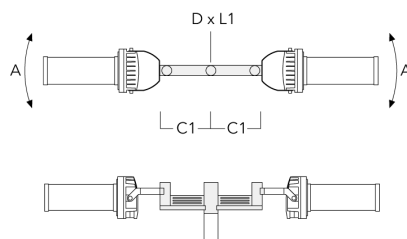
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Floodlight mounting bracket TA

Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA1 Mounting bracket, single (Ø 4.25 x 8)	147-0096		5.12	4.25 x 8	4.25	16.53	108 x 200



TA2-L Mounting bracket, double (Ø 3 x 8)	147-0105	±90°	16.54	3 x 8	2.99	35.49	76 x 200
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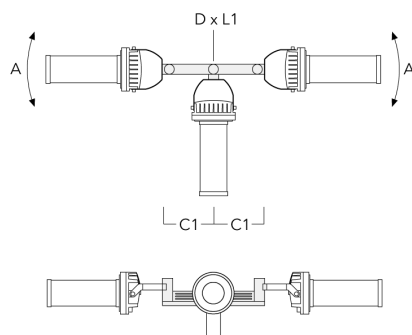
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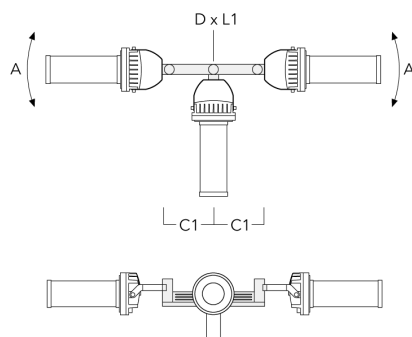
FLC220 LED GOBO PROJECTOR

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Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA3 Mounting bracket, triple (Ø 3.50 x 8)	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200



TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200
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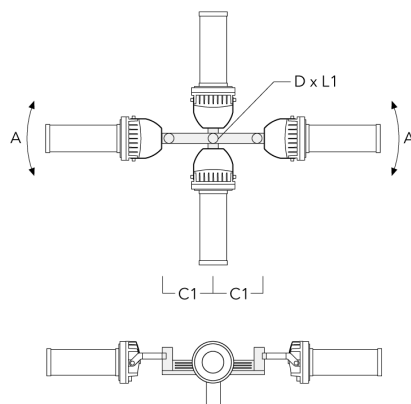
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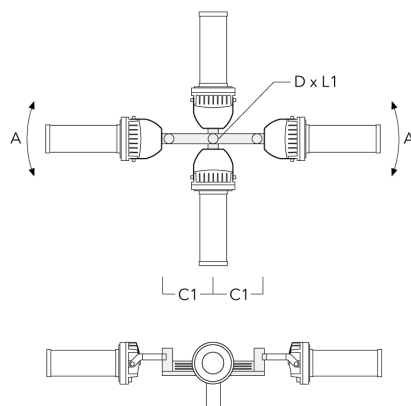
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Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA4 Mounting bracket, quad (Ø 3.50 x 8)	147-0099	±90°	25.59	3.50 x 8		45.86 lbs	89 x 200



TA4 Mounting bracket, quad (Ø 4.25 x 8)	147-0100	±90°	650	4.25 x 8		53.00	108 x 200
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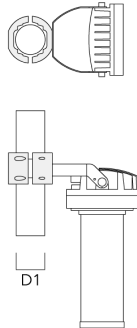
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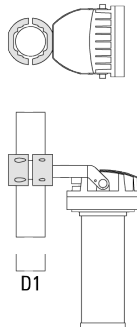
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Pole clamp TS

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.50	3.53	102-114



TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	114-133	3.75	114-133
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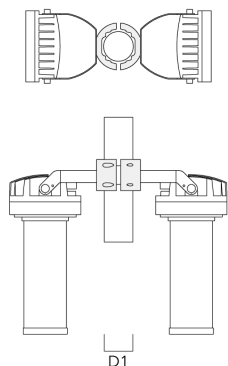
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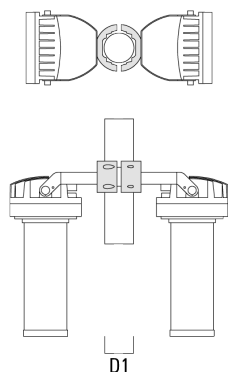
FLC220 LED GOBO PROJECTOR

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Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	147-0527	4.0-4.50	3.31	102-114



TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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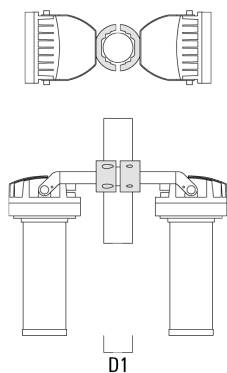
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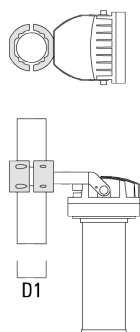
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Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133



TS1-2/M12 Pole clamp, single (Ø 3"-3.5")	147-0543	3.0-3.50	3.31	76-89
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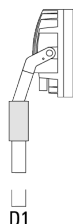
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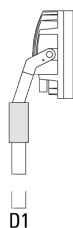
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Pole top caps KF

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-60/M16 Spigot Cap (Ø 2.36")	310-9120	2.36	2.36 x 4	4.4 lbs	60 x 100



KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100
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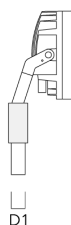
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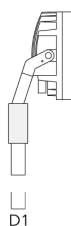
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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89



KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108
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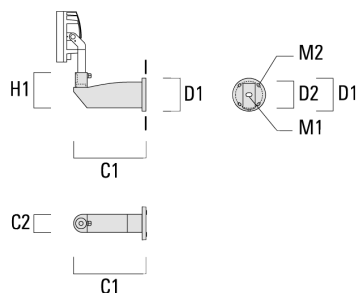
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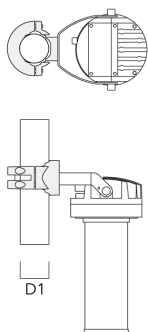
Wall Mount Bracket WMB

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight (lb)
WMB200 Wall mount bracket	147-6015	20.28	4.72	9.25	7.88	11.34	1.05	0.47	20.0 lbs



Pole clamp PC

Description	Part ID	D1	Weight (lb)
PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20



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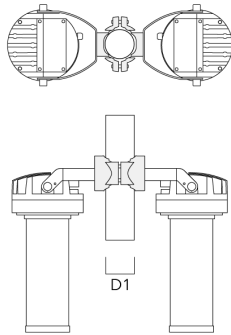
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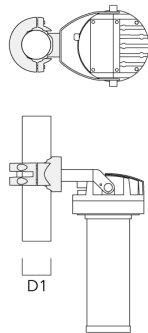
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Description	Part ID	D1	Weight (lb)
PC2 76-89/60 Pole clamp, double (Ø 3"-3.5")	139-2703	3.0-3.50	2.20



PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")	139-2704	3.20-4.30	2.40
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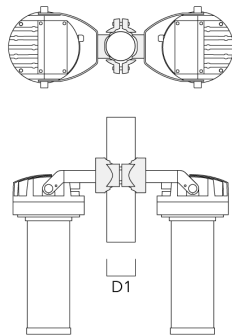
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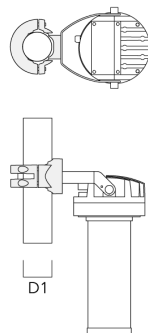
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Description	Part ID	D1	Weight (lb)
PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25")	139-2705	3.20-4.30	2.40



PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F1

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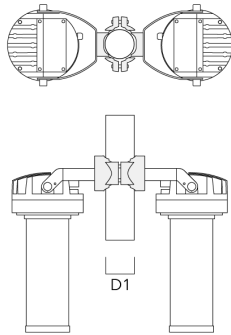
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139-2124_min

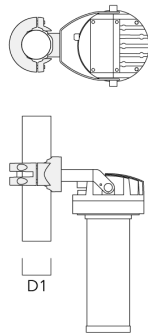
FLC220 LED GOBO PROJECTOR

we-ef

Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65



PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F1

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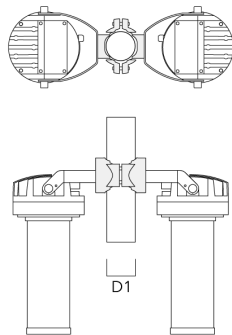
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139-2124_min

FLC220 LED GOBO PROJECTOR

we-ef

Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10



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Project

Luminaire Type

WWII Monument

Torrance, CA

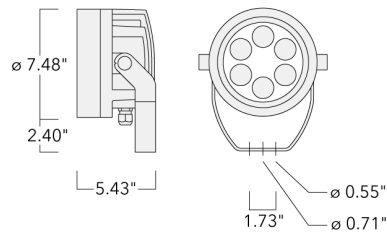
LL-F1

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FLC220 LED Floodlights

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Description

3G Vibration Certified.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Optional 2200 K version available. To be specified at time of ordering.

A maximum of one internal optical accessory.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F2

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FLC220 LED

Floodlights

we-ef

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	 RAL9004 Black  RAL9007 Grey Metallic  RAL9016 White  RAL8019 Dark Bronze
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.372

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	ECG in thermally-separated compartment
Surge protection	Integral 10kV Surge Protector

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Lead Time	This is a new product release and may have an extended lead time.
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration Rating for Bridge and Overpass Applications.

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WWII Monument

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Luminaire Type

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FLC220 LED

Floodlights

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Options

Light distribution



symmetric, wide beam [W]



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, very narrow beam [VN]



symmetric, very narrow beam, 'sharp cut-off' [VNS]



wallwash



linear spread, very narrow beam [VN]



linear spread, very narrow beam, 'sharp cut-off'

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

0 W

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Project

WWII Monument

Torrance, CA

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Luminaire Type

LL-F2

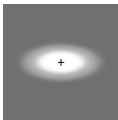
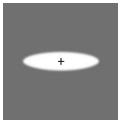


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FLC220 LED

Floodlights

we-ef

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	139-2005+139-2036	LED-6/12W / 700 mA - 3000 K	1487	14.5 W	80	9.48
	139-2006+139-2036	LED-6/12W / 700 mA - 4000 K	1589.5	14.5 W	80	9.48
	139-2015+139-2036	LED-6/18W / 1050 mA - 3000 K	2204.8	21 W	80	9.48
	139-2016+139-2036	LED-6/18W / 1050 mA - 4000 K	2307.4	21 W	80	9.48
	139-2030+139-2036	LED-6/26W / 1400 mA - 3000 K	2712.7	29 W	80	9.48
	139-2031+139-2036	LED-6/26W / 1400 mA - 4000 K	2836	29 W	80	9.48
	139-2261+139-2036	LED-6/12W / 700 mA - 2700 K	1384.4	14.5 W	80	9.48
	139-2269+139-2036	LED-6/18W / 1050 mA - 2700 K	2102.3	21 W	80	9.48
	139-2276+139-2036	LED-6/26W / 1400 mA - 2700K	2564.7	29 W	80	9.48
linear spread, very narrow beam, 'sharp cut-off' 	139-2007+139-2036	LED-6/12W / 700 mA - 3000 K	1203.4	14.5 W	80	9.48
	139-2008+139-2036	LED-6/12W / 700 mA - 4000 K	1349.3	14.5 W	80	9.48
	139-2017+139-2036	LED-6/18W / 1050 mA - 3000 K	1729.2	21 W	80	9.48
	139-2018+139-2036	LED-6/18W / 1050 mA - 4000 K	1938.8	21 W	80	9.48
	139-2032+139-2036	LED-6/26W / 1400 mA - 3000 K	2128.7	29 W	80	9.48
	139-2033+139-2036	LED-6/26W / 1400 mA - 4000 K	2384	29 W	80	9.48
	139-2262+139-2036	LED-6/12W / 700 mA - 2700 K	1131	14.5 W	80	9.48
	139-2270+139-2036	LED-6/18W / 1050 mA - 2700 K	1624.4	21 W	80	9.50
	139-2277+139-2036	LED-6/26W / 1400 mA - 2700 K	1997.7	29 W	80	9.48
symmetric, medium beam [M] 	139-2001	LED-6/12W / 700 mA - 3000 K	1533.6	14.5 W	80	9.50
	139-2002	LED-6/12W / 700 mA - 4000 K	1639.3	14.5 W	80	9.50
	139-2011	LED-6/18W / 1050 mA - 3000 K	2273.9	21 W	80	9.50
	139-2012	LED-6/18W / 1050 mA - 4000 K	2379.6	21 W	80	9.50
	139-2026	LED-6/26W / 1400 mA - 3000 K	2821.4	29 W	80	9.50
	139-2027	LED-6/26W / 1400 mA - 4000 K	2949.6	29 W	80	9.50
	139-2187	LED-6/26W / 1400 mA - 2700K	2667.5	29 W	80	9.50
	139-2244	LED-6/18W / 1050 mA - 2700 K	2168.1	21 W	80	9.50
	139-2247	LED-6/12W / 700 mA - 2700 K	1427.8	14.5 W	80	9.50
symmetric, narrow beam [N] 	139-2003	LED-6/12W / 700 mA - 3000 K	1473.8	14.5 W	80	9.50
	139-2004	LED-6/12W / 700 mA - 4000 K	1575.5	14.5 W	80	9.50
	139-2013	LED-6/18W / 1050 mA - 3000 K	2185.4	21 W	80	9.50
	139-2014	LED-6/18W / 1050 mA - 4000 K	2287	21 W	80	9.50
	139-2028	LED-6/26W / 1400 mA - 3000 K	2711.6	29 W	80	9.50

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Project

WWII Monument

Torrance, CA

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Luminaire Type

LL-F2


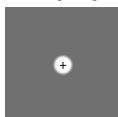
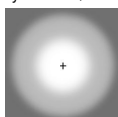
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FLC220 LED Floodlights

we-ef

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	139-2029	LED-6/26W / 1400 mA - 4000 K	2834.8	29 W	80	9.50
	139-2224	LED-6/26W / 1400 mA - 2700K	2563.7	29 W	80	9.50
	139-2245	LED-6/18W / 1050 mA - 2700 K	2083.7	21 W	80	9.50
	139-2248	LED-6/12W / 700 mA - 2700 K	1372.2	14.5 W	80	9.50
symmetric, very narrow beam [VN]	139-2005	LED-6/12W / 700 mA - 3000 K	1559.6	14.5 W	80	9.50
	139-2006	LED-6/12W / 700 mA - 4000 K	1667.2	14.5 W	80	9.50
	139-2015	LED-6/18W / 1050 mA - 3000 K	2312.6	21 W	80	9.50
	139-2016	LED-6/18W / 1050 mA - 4000 K	2420.1	21 W	80	9.50
	139-2030	LED-6/26W / 1400 mA - 3000 K	2869.2	29 W	80	9.50
	139-2031	LED-6/26W / 1400 mA - 4000 K	2999.6	29 W	80	9.50
	139-2261	LED-6/12W / 700 mA - 2700 K	1452.1	14.5 W	80	9.50
	139-2269	LED-6/18W / 1050 mA - 2700 K	2205	21 W	80	9.50
	139-2276	LED-6/26W / 1400 mA - 2700K	2712.7	29 W	80	9.50
symmetric, very narrow beam, 'sharp cut-off' [VNS]	139-2007	LED-6/12W / 700 mA - 3000 K	1234.8	14.5 W	80	9.50
	139-2008	LED-6/12W / 700 mA - 4000 K	1384.4	14.5 W	80	9.50
	139-2017	LED-6/18W / 1050 mA - 3000 K	1774.2	21 W	80	9.50
	139-2018	LED-6/18W / 1050 mA - 4000 K	1989.3	21 W	80	9.50
	139-2032	LED-6/26W / 1400 mA - 3000 K	2203.5	29 W	80	9.50
	139-2033	LED-6/26W / 1400 mA - 4000 K	2467.7	29 W	80	9.50
	139-2262	LED-6/12W / 700 mA - 2700 K	1160.4	14.5 W	80	9.50
	139-2270	LED-6/18W / 1050 mA - 2700 K	1666.7	21 W	80	9.50
	139-2277	LED-6/26W / 1400 mA - 2700 K	2067.9	29 W	80	9.50
symmetric, wide beam [W]	139-1999	LED-6/12W / 700 mA - 3000 K	1492	14.5 W	80	9.50
	139-2000	LED-6/12W / 700 mA - 4000 K	1594.9	14.5 W	80	9.50
	139-2009	LED-6/18W / 1050 mA - 3000 K	2212.3	21 W	80	9.50
	139-2010	LED-6/18W / 1050 mA - 4000 K	2315.2	21 W	80	9.50
	139-2024	LED-6/26W / 1400 mA - 3000 K	2744.9	29 W	80	9.50
	139-2025	LED-6/26W / 1400 mA - 4000 K	2869.7	29 W	80	9.50
	139-2186	LED-6/26W / 1400 mA - 2700K	2675.4	29 W	80	9.50
	139-2243	LED-6/18W / 1050 mA - 2700 K	2109.4	21 W	80	9.50
	139-2246	LED-6/12W / 700 mA - 2700 K	1389.1	14.5 W	80	9.50
wallwash	139-2001+139-2035-AP	LED-6/12W / 700 mA - 3000 K	1285.2	14.5 W	80	9.48
	139-2002+139-2035-AP	LED-6/12W / 700 mA - 4000 K	1373.8	14.5 W	80	9.48

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Project

WWII Monument

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Luminaire Type

LL-F2

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FLC220 LED Floodlights

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	139-2011+139-2035-AP	LED-6/18W / 1050 mA - 3000 K	1905.6	21 W	80	9.48
	139-2012+139-2035-AP	LED-6/18W / 1050 mA - 4000 K	1994.3	21 W	80	9.48
	139-2026+139-2035-AP	LED-6/26W / 1400 mA - 3000 K	2364.4	29 W	80	9.48
	139-2027+139-2035-AP	LED-6/26W / 1400 mA - 4000 K	2471.8	29 W	80	9.48
	139-2187+139-2035-AP	LED-6/26W / 1400 mA - 2700K	2235.4	29 W	80	9.48
	139-2244+139-2035-AP	LED-6/18W / 1050 mA - 2700 K	1817	21 W	80	9.48
	139-2247+139-2035-AP	LED-6/12W / 700 mA - 2700 K	1196.6	14.5 W	80	9.50

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Luminaire Type

WWII Monument

Torrance, CA

LL-F2

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FLC220 LED

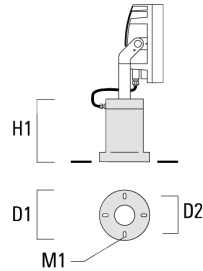
Floodlights

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Mounting Accessories

Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-M16 AL - Single Cable Entry	270-9038	6.3	5.12	7.87"	0.35"	4.85 lbs



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Luminaire Type

WWII Monument

Torrance, CA

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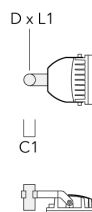
FLC220 LED

Floodlights

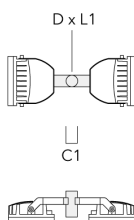
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Floodlight mounting bracket TA

Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA1 Mounting bracket, single (Ø 4.25 x 8)	147-0096		5.12	4.25 x 8	4.25	16.53	108 x 200



TA2 Mounting bracket, double (Ø 4.25 x 8)	147-0097		5.12	4.25 x 8	4.25	16.53	108 x 200
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Torrance, CA

LL-F2

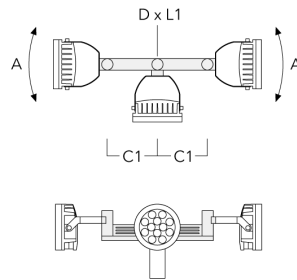
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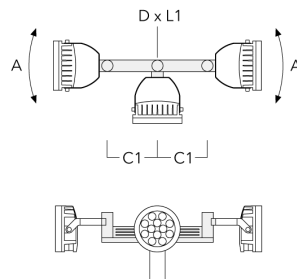
FLC220 LED
Floodlights

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Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA3 Mounting bracket, triple (Ø 3.50 x 8)	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200



TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200
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Luminaire Type

WWII Monument

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LL-F2

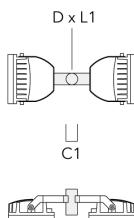
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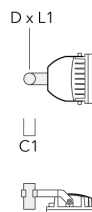
FLC220 LED **Floodlights**

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Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA2 Mounting bracket, double (Ø 3 x 8)	147-0024		5.12	3 x 8	2.99	4.2 lbs	76 x 200



TA1 Mounting bracket, single (Ø 3 x 8)	147-0023		5.12	3 x 8	2.99	4.19	76 x 200
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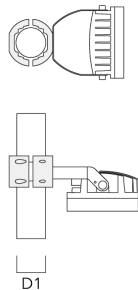
FLC220 LED

Floodlights

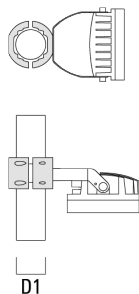
we-ef

Pole clamp TS

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.50	3.53	102-114



TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	114-133	3.75	114-133
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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F2

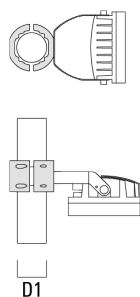
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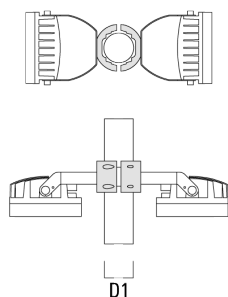
FLC220 LED **Floodlights**

we-ef

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 3"-3.5")	147-0543	3.0-3.50	3.31	76-89



TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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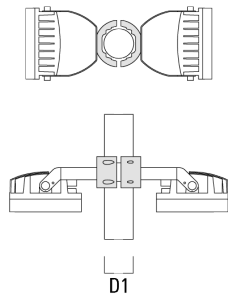
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FLC220 LED

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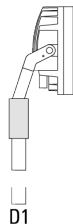
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Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133



Pole top caps KF

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-60/M16 Spigot Cap (Ø 2.36")	310-9120	2.36	2.36 x 4	4.4 lbs	60 x 100



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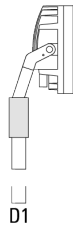
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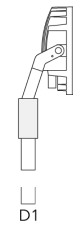
FLC220 LED
Floodlights

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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100



KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89
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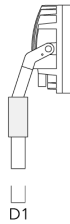
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FLC220 LED
Floodlights

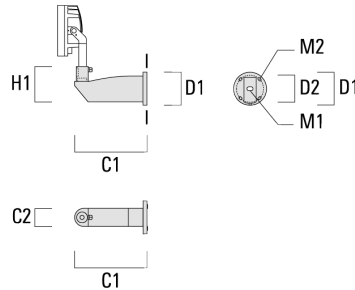
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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108



Wall Mount Bracket WMB

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight (lb)
WMB200 Wall mount bracket	147-6015	20.28	4.72	9.25	7.88	11.34	1.05	0.47	20.0 lbs



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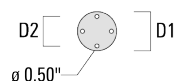
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Surface Mount Canopy SMC

Description	Part ID	D1	D2	Weight (lb)
SMC-200	147-6915	10.83	9.25	15.4 lbs



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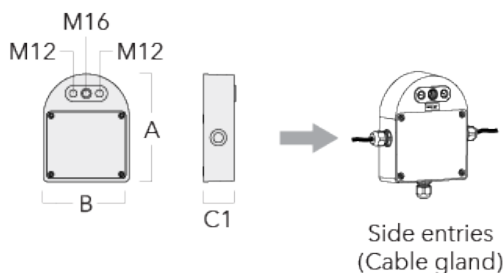
FLC220 LED

Floodlights

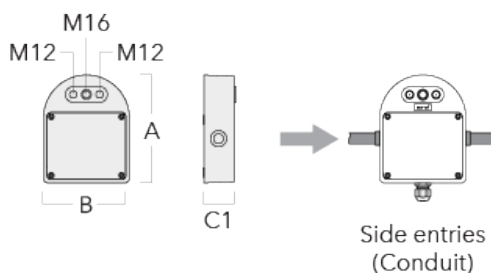
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Junction box

Description	Part ID	Additional information	A	B	C1	Weight (lb)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	7.09	5.63	2.01	2.25



Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	7.09	5.63	2.01	2.25
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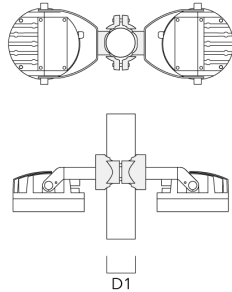
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FLC220 LED
Floodlights

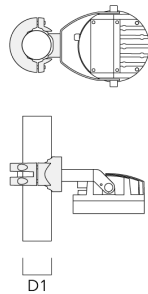
we-ef

Pole clamp PC

Description	Part ID	D1	Weight (lb)
PC2 76-89/60 Pole clamp, double (Ø 3"-3.5")	139-2703	3.0-3.50	2.20



PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20
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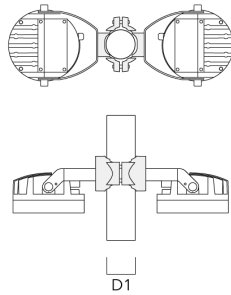
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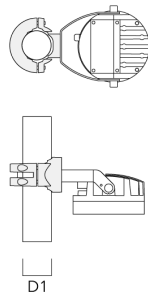
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65



PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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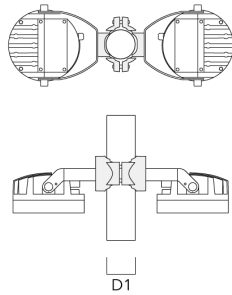
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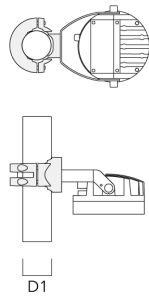
FLC220 LED **Floodlights**

we-ef

Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10



PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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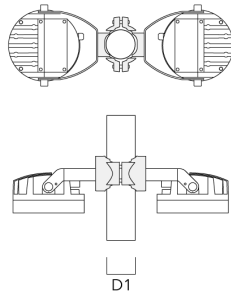
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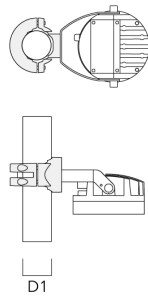
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)
PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25")	139-2705	3.20-4.30	2.40



PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")	139-2704	3.20-4.30	2.40
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FLC220 LED

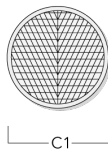
Floodlights

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Optical Accessories

Wallwash lens

Description	Part ID	C1
IO-20-FLC220-LED	139-2035	5.75



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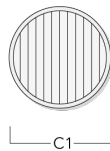
FLC220 LED

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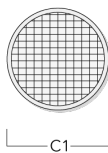
Linear spread lens

Description	Part ID	C1
IO-180-FLC220-LED	139-2036	5.75



Softening Lens

Description	Part ID	C1
IO-360-FLC220-LED	139-2037	5.75



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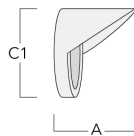
Honeycomb louvre

Description	Part ID	C1
IW-FLC220-LED	139-2034	5.43



Glare shield

Description	Part ID	A	C1
ES-FLC220-LED	139-1986	4.92	7.48



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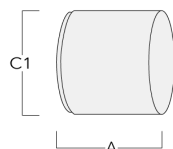
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FLC220 LED
Floodlights

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Snoot

Description	Part ID	A	C1
ET-FLC220-LED	139-1987	4.92	7.48



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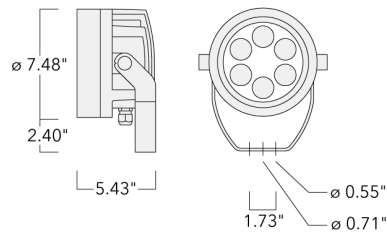
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FLC220 LED Floodlights

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Description

3G Vibration Certified.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Optional 2200 K version available. To be specified at time of ordering.

A maximum of one internal optical accessory.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

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Luminaire Type

LL-F3

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FLC220 LED

Floodlights

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.372

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	ECG in thermally-separated compartment
Surge protection	Integral 10kV Surge Protector

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Lead Time	This is a new product release and may have an extended lead time.
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration Rating for Bridge and Overpass Applications.

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FLC220 LED

Floodlights

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Options

Light distribution



symmetric, wide beam [W]



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, very narrow beam [VN]



symmetric, very narrow beam, 'sharp cut-off' [VNS]



wallwash



linear spread, very narrow beam [VN]



linear spread, very narrow beam, 'sharp cut-off'

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

0 W

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Luminaire Type

LL-F3

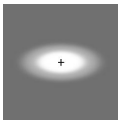
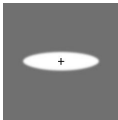


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FLC220 LED

Floodlights

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Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	139-2005+139-2036	LED-6/12W / 700 mA - 3000 K	1487	14.5 W	80	9.48
	139-2006+139-2036	LED-6/12W / 700 mA - 4000 K	1589.5	14.5 W	80	9.48
	139-2015+139-2036	LED-6/18W / 1050 mA - 3000 K	2204.8	21 W	80	9.48
	139-2016+139-2036	LED-6/18W / 1050 mA - 4000 K	2307.4	21 W	80	9.48
	139-2030+139-2036	LED-6/26W / 1400 mA - 3000 K	2712.7	29 W	80	9.48
	139-2031+139-2036	LED-6/26W / 1400 mA - 4000 K	2836	29 W	80	9.48
	139-2261+139-2036	LED-6/12W / 700 mA - 2700 K	1384.4	14.5 W	80	9.48
	139-2269+139-2036	LED-6/18W / 1050 mA - 2700 K	2102.3	21 W	80	9.48
	139-2276+139-2036	LED-6/26W / 1400 mA - 2700K	2564.7	29 W	80	9.48
linear spread, very narrow beam, 'sharp cut-off' 	139-2007+139-2036	LED-6/12W / 700 mA - 3000 K	1203.4	14.5 W	80	9.48
	139-2008+139-2036	LED-6/12W / 700 mA - 4000 K	1349.3	14.5 W	80	9.48
	139-2017+139-2036	LED-6/18W / 1050 mA - 3000 K	1729.2	21 W	80	9.48
	139-2018+139-2036	LED-6/18W / 1050 mA - 4000 K	1938.8	21 W	80	9.48
	139-2032+139-2036	LED-6/26W / 1400 mA - 3000 K	2128.7	29 W	80	9.48
	139-2033+139-2036	LED-6/26W / 1400 mA - 4000 K	2384	29 W	80	9.48
	139-2262+139-2036	LED-6/12W / 700 mA - 2700 K	1131	14.5 W	80	9.48
	139-2270+139-2036	LED-6/18W / 1050 mA - 2700 K	1624.4	21 W	80	9.50
	139-2277+139-2036	LED-6/26W / 1400 mA - 2700 K	1997.7	29 W	80	9.48
symmetric, medium beam [M] 	139-2001	LED-6/12W / 700 mA - 3000 K	1533.6	14.5 W	80	9.50
	139-2002	LED-6/12W / 700 mA - 4000 K	1639.3	14.5 W	80	9.50
	139-2011	LED-6/18W / 1050 mA - 3000 K	2273.9	21 W	80	9.50
	139-2012	LED-6/18W / 1050 mA - 4000 K	2379.6	21 W	80	9.50
	139-2026	LED-6/26W / 1400 mA - 3000 K	2821.4	29 W	80	9.50
	139-2027	LED-6/26W / 1400 mA - 4000 K	2949.6	29 W	80	9.50
	139-2187	LED-6/26W / 1400 mA - 2700K	2667.5	29 W	80	9.50
	139-2244	LED-6/18W / 1050 mA - 2700 K	2168.1	21 W	80	9.50
	139-2247	LED-6/12W / 700 mA - 2700 K	1427.8	14.5 W	80	9.50
symmetric, narrow beam [N] 	139-2003	LED-6/12W / 700 mA - 3000 K	1473.8	14.5 W	80	9.50
	139-2004	LED-6/12W / 700 mA - 4000 K	1575.5	14.5 W	80	9.50
	139-2013	LED-6/18W / 1050 mA - 3000 K	2185.4	21 W	80	9.50
	139-2014	LED-6/18W / 1050 mA - 4000 K	2287	21 W	80	9.50
	139-2028	LED-6/26W / 1400 mA - 3000 K	2711.6	29 W	80	9.50

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Luminaire Type

LL-F3


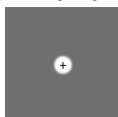
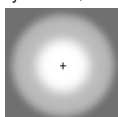
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FLC220 LED Floodlights

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	139-2029	LED-6/26W / 1400 mA - 4000 K	2834.8	29 W	80	9.50
	139-2224	LED-6/26W / 1400 mA - 2700K	2563.7	29 W	80	9.50
	139-2245	LED-6/18W / 1050 mA - 2700 K	2083.7	21 W	80	9.50
	139-2248	LED-6/12W / 700 mA - 2700 K	1372.2	14.5 W	80	9.50
symmetric, very narrow beam [VN]	139-2005	LED-6/12W / 700 mA - 3000 K	1559.6	14.5 W	80	9.50
	139-2006	LED-6/12W / 700 mA - 4000 K	1667.2	14.5 W	80	9.50
	139-2015	LED-6/18W / 1050 mA - 3000 K	2312.6	21 W	80	9.50
	139-2016	LED-6/18W / 1050 mA - 4000 K	2420.1	21 W	80	9.50
	139-2030	LED-6/26W / 1400 mA - 3000 K	2869.2	29 W	80	9.50
	139-2031	LED-6/26W / 1400 mA - 4000 K	2999.6	29 W	80	9.50
	139-2261	LED-6/12W / 700 mA - 2700 K	1452.1	14.5 W	80	9.50
	139-2269	LED-6/18W / 1050 mA - 2700 K	2205	21 W	80	9.50
	139-2276	LED-6/26W / 1400 mA - 2700K	2712.7	29 W	80	9.50
symmetric, very narrow beam, 'sharp cut-off' [VNS]	139-2007	LED-6/12W / 700 mA - 3000 K	1234.8	14.5 W	80	9.50
	139-2008	LED-6/12W / 700 mA - 4000 K	1384.4	14.5 W	80	9.50
	139-2017	LED-6/18W / 1050 mA - 3000 K	1774.2	21 W	80	9.50
	139-2018	LED-6/18W / 1050 mA - 4000 K	1989.3	21 W	80	9.50
	139-2032	LED-6/26W / 1400 mA - 3000 K	2203.5	29 W	80	9.50
	139-2033	LED-6/26W / 1400 mA - 4000 K	2467.7	29 W	80	9.50
	139-2262	LED-6/12W / 700 mA - 2700 K	1160.4	14.5 W	80	9.50
	139-2270	LED-6/18W / 1050 mA - 2700 K	1666.7	21 W	80	9.50
	139-2277	LED-6/26W / 1400 mA - 2700 K	2067.9	29 W	80	9.50
symmetric, wide beam [W]	139-1999	LED-6/12W / 700 mA - 3000 K	1492	14.5 W	80	9.50
	139-2000	LED-6/12W / 700 mA - 4000 K	1594.9	14.5 W	80	9.50
	139-2009	LED-6/18W / 1050 mA - 3000 K	2212.3	21 W	80	9.50
	139-2010	LED-6/18W / 1050 mA - 4000 K	2315.2	21 W	80	9.50
	139-2024	LED-6/26W / 1400 mA - 3000 K	2744.9	29 W	80	9.50
	139-2025	LED-6/26W / 1400 mA - 4000 K	2869.7	29 W	80	9.50
	139-2186	LED-6/26W / 1400 mA - 2700K	2675.4	29 W	80	9.50
	139-2243	LED-6/18W / 1050 mA - 2700 K	2109.4	21 W	80	9.50
	139-2246	LED-6/12W / 700 mA - 2700 K	1389.1	14.5 W	80	9.50
wallwash	139-2001+139-2035-AP	LED-6/12W / 700 mA - 3000 K	1285.2	14.5 W	80	9.48
	139-2002+139-2035-AP	LED-6/12W / 700 mA - 4000 K	1373.8	14.5 W	80	9.48

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FLC220 LED Floodlights

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	139-2011+139-2035-AP	LED-6/18W / 1050 mA - 3000 K	1905.6	21 W	80	9.48
	139-2012+139-2035-AP	LED-6/18W / 1050 mA - 4000 K	1994.3	21 W	80	9.48
	139-2026+139-2035-AP	LED-6/26W / 1400 mA - 3000 K	2364.4	29 W	80	9.48
	139-2027+139-2035-AP	LED-6/26W / 1400 mA - 4000 K	2471.8	29 W	80	9.48
	139-2187+139-2035-AP	LED-6/26W / 1400 mA - 2700K	2235.4	29 W	80	9.48
	139-2244+139-2035-AP	LED-6/18W / 1050 mA - 2700 K	1817	21 W	80	9.48
	139-2247+139-2035-AP	LED-6/12W / 700 mA - 2700 K	1196.6	14.5 W	80	9.50

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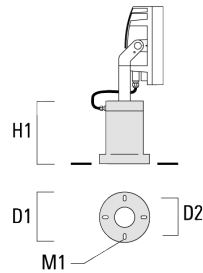
Floodlights

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Mounting Accessories

Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-M16 AL - Single Cable Entry	270-9038	6.3	5.12	7.87"	0.35"	4.85 lbs



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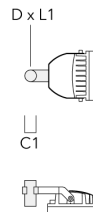
FLC220 LED

Floodlights

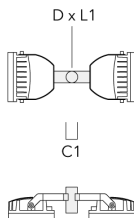
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Floodlight mounting bracket TA

Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA1 Mounting bracket, single (Ø 4.25 x 8)	147-0096		5.12	4.25 x 8	4.25	16.53	108 x 200



TA2 Mounting bracket, double (Ø 4.25 x 8)	147-0097		5.12	4.25 x 8	4.25	16.53	108 x 200
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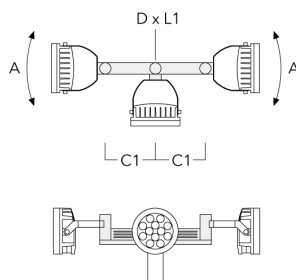
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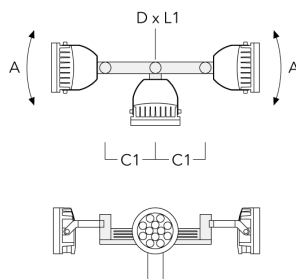
FLC220 LED **Floodlights**

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Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA3 Mounting bracket, triple (Ø 3.50 x 8)	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200



TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200
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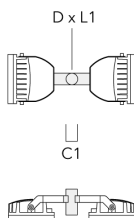
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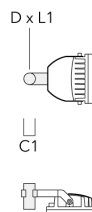
FLC220 LED **Floodlights**

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Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA2 Mounting bracket, double (Ø 3 x 8)	147-0024		5.12	3 x 8	2.99	4.2 lbs	76 x 200



TA1 Mounting bracket, single (Ø 3 x 8)	147-0023		5.12	3 x 8	2.99	4.19	76 x 200
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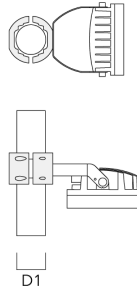
FLC220 LED

Floodlights

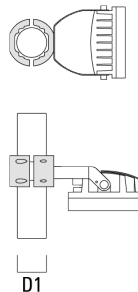
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Pole clamp TS

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.50	3.53	102-114



TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	114-133	3.75	114-133
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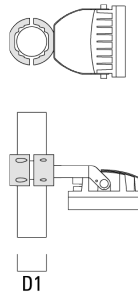
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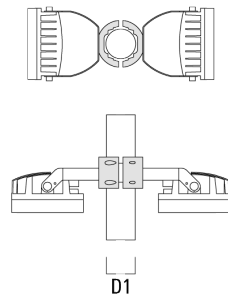
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 3"-3.5")	147-0543	3.0-3.50	3.31	76-89



TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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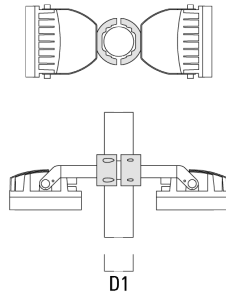
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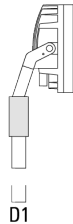
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Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133



Pole top caps KF

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-60/M16 Spigot Cap (Ø 2.36")	310-9120	2.36	2.36 x 4	4.4 lbs	60 x 100



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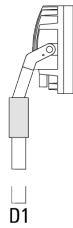
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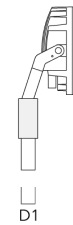
FLC220 LED
Floodlights

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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100



KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89
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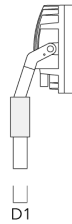
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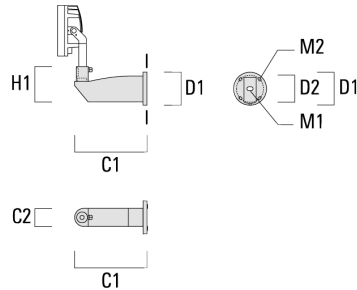
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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108



Wall Mount Bracket WMB

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight (lb)
WMB200 Wall mount bracket	147-6015	20.28	4.72	9.25	7.88	11.34	1.05	0.47	20.0 lbs



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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F3

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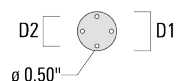
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Surface Mount Canopy SMC

Description	Part ID	D1	D2	Weight (lb)
SMC-200	147-6915	10.83	9.25	15.4 lbs



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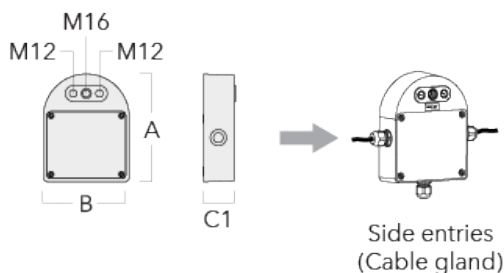
FLC220 LED

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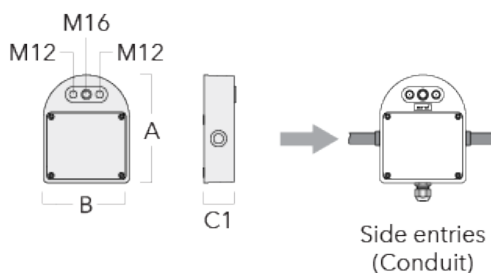
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Junction box

Description	Part ID	Additional information	A	B	C1	Weight (lb)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	7.09	5.63	2.01	2.25



Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	7.09	5.63	2.01	2.25
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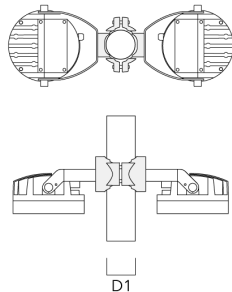
FLC220 LED

Floodlights

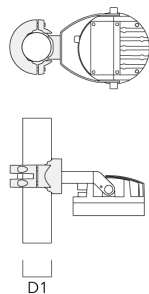
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Pole clamp PC

Description	Part ID	D1	Weight (lb)
PC2 76-89/60 Pole clamp, double (Ø 3"-3.5")	139-2703	3.0-3.50	2.20



PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20
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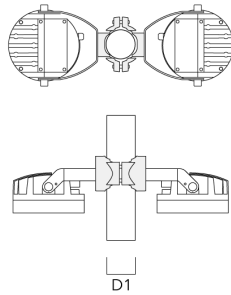
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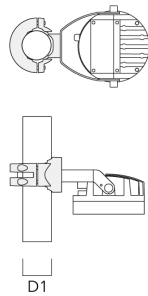
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65



PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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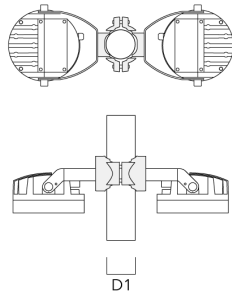
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FLC220 LED

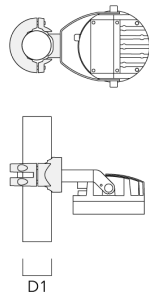
Floodlights

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Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10



PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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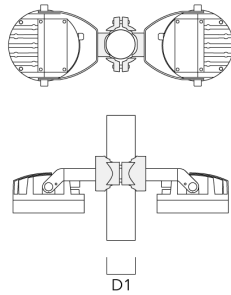
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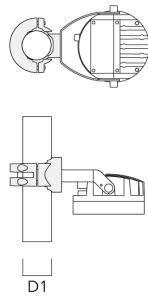
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)
PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25")	139-2705	3.20-4.30	2.40



PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")	139-2704	3.20-4.30	2.40
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FLC220 LED

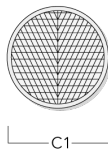
Floodlights

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Optical Accessories

Wallwash lens

Description	Part ID	C1
IO-20-FLC220-LED	139-2035	5.75



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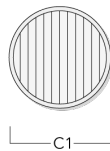
FLC220 LED

Floodlights

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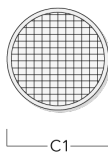
Linear spread lens

Description	Part ID	C1
IO-180-FLC220-LED	139-2036	5.75



Softening Lens

Description	Part ID	C1
IO-360-FLC220-LED	139-2037	5.75



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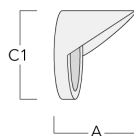
Honeycomb louvre

Description	Part ID	C1
IW-FLC220-LED	139-2034	5.43



Glare shield

Description	Part ID	A	C1
ES-FLC220-LED	139-1986	4.92	7.48



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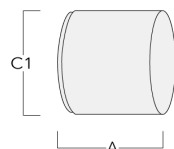
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Snoot

Description	Part ID	A	C1
ET-FLC220-LED	139-1987	4.92	7.48



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Description

3G Vibration Certified.

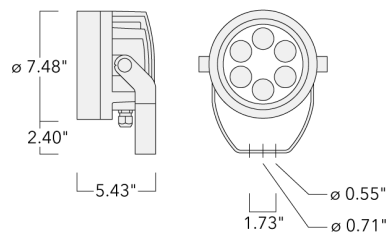
IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Optional 2200 K version available. To be specified at time of ordering.

A maximum of one internal optical accessory.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)



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Luminaire Type

LL-F4

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FLC220 LED

Floodlights

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.372

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	ECG in thermally-separated compartment
Surge protection	Integral 10kV Surge Protector

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Lead Time	This is a new product release and may have an extended lead time.
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration Rating for Bridge and Overpass Applications.

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Luminaire Type

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Floodlights

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Options

Light distribution



symmetric, wide beam [W]



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, very narrow beam [VN]



symmetric, very narrow beam, 'sharp cut-off' [VNS]



wallwash



linear spread, very narrow beam [VN]



linear spread, very narrow beam, 'sharp cut-off'

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

0 W

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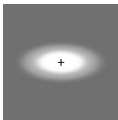
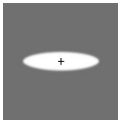


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FLC220 LED

Floodlights

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Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	139-2005+139-2036	LED-6/12W / 700 mA - 3000 K	1487	14.5 W	80	9.48
	139-2006+139-2036	LED-6/12W / 700 mA - 4000 K	1589.5	14.5 W	80	9.48
	139-2015+139-2036	LED-6/18W / 1050 mA - 3000 K	2204.8	21 W	80	9.48
	139-2016+139-2036	LED-6/18W / 1050 mA - 4000 K	2307.4	21 W	80	9.48
	139-2030+139-2036	LED-6/26W / 1400 mA - 3000 K	2712.7	29 W	80	9.48
	139-2031+139-2036	LED-6/26W / 1400 mA - 4000 K	2836	29 W	80	9.48
	139-2261+139-2036	LED-6/12W / 700 mA - 2700 K	1384.4	14.5 W	80	9.48
	139-2269+139-2036	LED-6/18W / 1050 mA - 2700 K	2102.3	21 W	80	9.48
	139-2276+139-2036	LED-6/26W / 1400 mA - 2700K	2564.7	29 W	80	9.48
linear spread, very narrow beam, 'sharp cut-off' 	139-2007+139-2036	LED-6/12W / 700 mA - 3000 K	1203.4	14.5 W	80	9.48
	139-2008+139-2036	LED-6/12W / 700 mA - 4000 K	1349.3	14.5 W	80	9.48
	139-2017+139-2036	LED-6/18W / 1050 mA - 3000 K	1729.2	21 W	80	9.48
	139-2018+139-2036	LED-6/18W / 1050 mA - 4000 K	1938.8	21 W	80	9.48
	139-2032+139-2036	LED-6/26W / 1400 mA - 3000 K	2128.7	29 W	80	9.48
	139-2033+139-2036	LED-6/26W / 1400 mA - 4000 K	2384	29 W	80	9.48
	139-2262+139-2036	LED-6/12W / 700 mA - 2700 K	1131	14.5 W	80	9.48
	139-2270+139-2036	LED-6/18W / 1050 mA - 2700 K	1624.4	21 W	80	9.50
	139-2277+139-2036	LED-6/26W / 1400 mA - 2700 K	1997.7	29 W	80	9.48
symmetric, medium beam [M] 	139-2001	LED-6/12W / 700 mA - 3000 K	1533.6	14.5 W	80	9.50
	139-2002	LED-6/12W / 700 mA - 4000 K	1639.3	14.5 W	80	9.50
	139-2011	LED-6/18W / 1050 mA - 3000 K	2273.9	21 W	80	9.50
	139-2012	LED-6/18W / 1050 mA - 4000 K	2379.6	21 W	80	9.50
	139-2026	LED-6/26W / 1400 mA - 3000 K	2821.4	29 W	80	9.50
	139-2027	LED-6/26W / 1400 mA - 4000 K	2949.6	29 W	80	9.50
	139-2187	LED-6/26W / 1400 mA - 2700K	2667.5	29 W	80	9.50
	139-2244	LED-6/18W / 1050 mA - 2700 K	2168.1	21 W	80	9.50
	139-2247	LED-6/12W / 700 mA - 2700 K	1427.8	14.5 W	80	9.50
symmetric, narrow beam [N] 	139-2003	LED-6/12W / 700 mA - 3000 K	1473.8	14.5 W	80	9.50
	139-2004	LED-6/12W / 700 mA - 4000 K	1575.5	14.5 W	80	9.50
	139-2013	LED-6/18W / 1050 mA - 3000 K	2185.4	21 W	80	9.50
	139-2014	LED-6/18W / 1050 mA - 4000 K	2287	21 W	80	9.50
	139-2028	LED-6/26W / 1400 mA - 3000 K	2711.6	29 W	80	9.50

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Luminaire Type

LL-F4


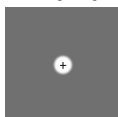
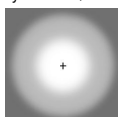
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FLC220 LED Floodlights

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	139-2029	LED-6/26W / 1400 mA - 4000 K	2834.8	29 W	80	9.50
	139-2224	LED-6/26W / 1400 mA - 2700K	2563.7	29 W	80	9.50
	139-2245	LED-6/18W / 1050 mA - 2700 K	2083.7	21 W	80	9.50
	139-2248	LED-6/12W / 700 mA - 2700 K	1372.2	14.5 W	80	9.50
symmetric, very narrow beam [VN] 	139-2005	LED-6/12W / 700 mA - 3000 K	1559.6	14.5 W	80	9.50
	139-2006	LED-6/12W / 700 mA - 4000 K	1667.2	14.5 W	80	9.50
	139-2015	LED-6/18W / 1050 mA - 3000 K	2312.6	21 W	80	9.50
	139-2016	LED-6/18W / 1050 mA - 4000 K	2420.1	21 W	80	9.50
	139-2030	LED-6/26W / 1400 mA - 3000 K	2869.2	29 W	80	9.50
	139-2031	LED-6/26W / 1400 mA - 4000 K	2999.6	29 W	80	9.50
	139-2261	LED-6/12W / 700 mA - 2700 K	1452.1	14.5 W	80	9.50
	139-2269	LED-6/18W / 1050 mA - 2700 K	2205	21 W	80	9.50
	139-2276	LED-6/26W / 1400 mA - 2700K	2712.7	29 W	80	9.50
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	139-2007	LED-6/12W / 700 mA - 3000 K	1234.8	14.5 W	80	9.50
	139-2008	LED-6/12W / 700 mA - 4000 K	1384.4	14.5 W	80	9.50
	139-2017	LED-6/18W / 1050 mA - 3000 K	1774.2	21 W	80	9.50
	139-2018	LED-6/18W / 1050 mA - 4000 K	1989.3	21 W	80	9.50
	139-2032	LED-6/26W / 1400 mA - 3000 K	2203.5	29 W	80	9.50
	139-2033	LED-6/26W / 1400 mA - 4000 K	2467.7	29 W	80	9.50
	139-2262	LED-6/12W / 700 mA - 2700 K	1160.4	14.5 W	80	9.50
	139-2270	LED-6/18W / 1050 mA - 2700 K	1666.7	21 W	80	9.50
	139-2277	LED-6/26W / 1400 mA - 2700 K	2067.9	29 W	80	9.50
symmetric, wide beam [W] 	139-1999	LED-6/12W / 700 mA - 3000 K	1492	14.5 W	80	9.50
	139-2000	LED-6/12W / 700 mA - 4000 K	1594.9	14.5 W	80	9.50
	139-2009	LED-6/18W / 1050 mA - 3000 K	2212.3	21 W	80	9.50
	139-2010	LED-6/18W / 1050 mA - 4000 K	2315.2	21 W	80	9.50
	139-2024	LED-6/26W / 1400 mA - 3000 K	2744.9	29 W	80	9.50
	139-2025	LED-6/26W / 1400 mA - 4000 K	2869.7	29 W	80	9.50
	139-2186	LED-6/26W / 1400 mA - 2700K	2675.4	29 W	80	9.50
	139-2243	LED-6/18W / 1050 mA - 2700 K	2109.4	21 W	80	9.50
	139-2246	LED-6/12W / 700 mA - 2700 K	1389.1	14.5 W	80	9.50
wallwash	139-2001+139-2035-AP	LED-6/12W / 700 mA - 3000 K	1285.2	14.5 W	80	9.48
	139-2002+139-2035-AP	LED-6/12W / 700 mA - 4000 K	1373.8	14.5 W	80	9.48

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Luminaire Type

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FLC220 LED Floodlights

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	139-2011+139-2035-AP	LED-6/18W / 1050 mA - 3000 K	1905.6	21 W	80	9.48
	139-2012+139-2035-AP	LED-6/18W / 1050 mA - 4000 K	1994.3	21 W	80	9.48
	139-2026+139-2035-AP	LED-6/26W / 1400 mA - 3000 K	2364.4	29 W	80	9.48
	139-2027+139-2035-AP	LED-6/26W / 1400 mA - 4000 K	2471.8	29 W	80	9.48
	139-2187+139-2035-AP	LED-6/26W / 1400 mA - 2700K	2235.4	29 W	80	9.48
	139-2244+139-2035-AP	LED-6/18W / 1050 mA - 2700 K	1817	21 W	80	9.48
	139-2247+139-2035-AP	LED-6/12W / 700 mA - 2700 K	1196.6	14.5 W	80	9.50

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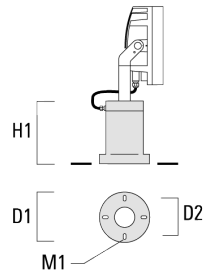
Floodlights

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Mounting Accessories

Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-M16 AL - Single Cable Entry	270-9038	6.3	5.12	7.87"	0.35"	4.85 lbs



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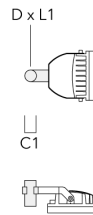
FLC220 LED

Floodlights

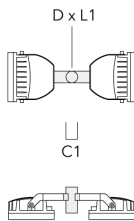
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Floodlight mounting bracket TA

Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA1 Mounting bracket, single (Ø 4.25 x 8)	147-0096		5.12	4.25 x 8	4.25	16.53	108 x 200



TA2 Mounting bracket, double (Ø 4.25 x 8)	147-0097		5.12	4.25 x 8	4.25	16.53	108 x 200
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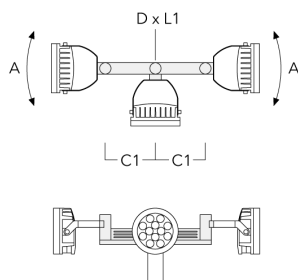
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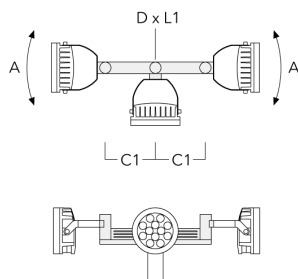
Floodlights

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Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA3 Mounting bracket, triple (Ø 3.50 x 8)	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200



TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200
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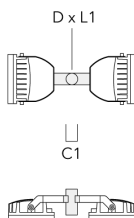
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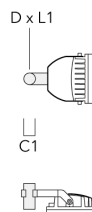
FLC220 LED **Floodlights**

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Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA2 Mounting bracket, double (Ø 3 x 8)	147-0024		5.12	3 x 8	2.99	4.2 lbs	76 x 200



TA1 Mounting bracket, single (Ø 3 x 8)	147-0023		5.12	3 x 8	2.99	4.19	76 x 200
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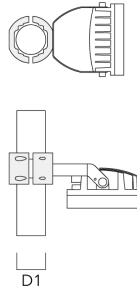
FLC220 LED

Floodlights

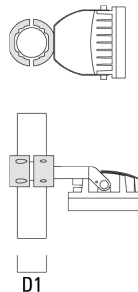
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Pole clamp TS

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.50	3.53	102-114



TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	114-133	3.75	114-133
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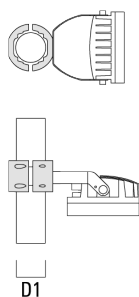
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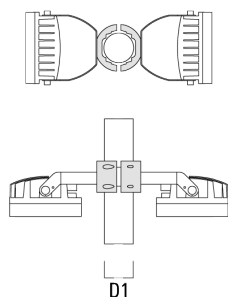
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 3"-3.5")	147-0543	3.0-3.50	3.31	76-89



TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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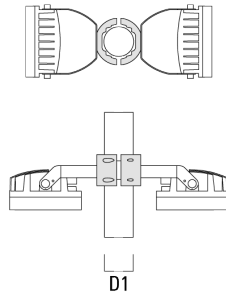
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FLC220 LED

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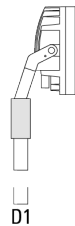
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Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133



Pole top caps KF

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-60/M16 Spigot Cap (Ø 2.36")	310-9120	2.36	2.36 x 4	4.4 lbs	60 x 100



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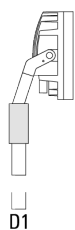
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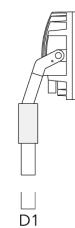
FLC220 LED
Floodlights

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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100



KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89
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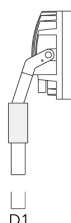
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FLC220 LED **Floodlights**

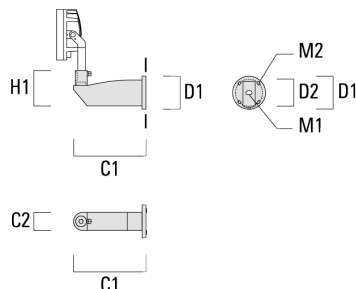
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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108



Wall Mount Bracket WMB

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight (lb)
WMB200 Wall mount bracket	147-6015	20.28	4.72	9.25	7.88	11.34	1.05	0.47	20.0 lbs



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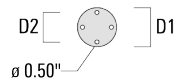
FLC220 LED

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Surface Mount Canopy SMC

Description	Part ID	D1	D2	Weight (lb)
SMC-200	147-6915	10.83	9.25	15.4 lbs



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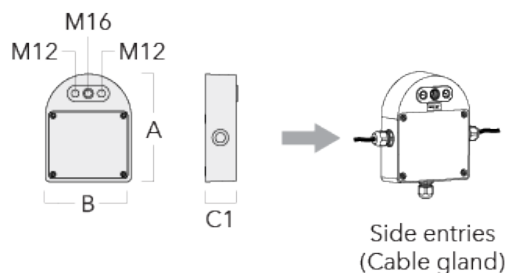
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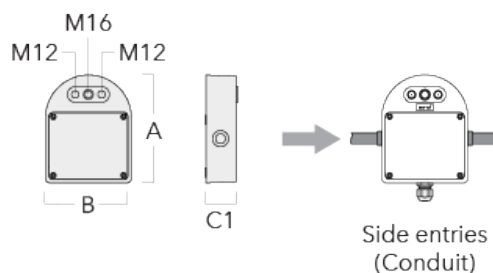
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Junction box

Description	Part ID	Additional information	A	B	C1	Weight (lb)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	7.09	5.63	2.01	2.25



Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	7.09	5.63	2.01	2.25
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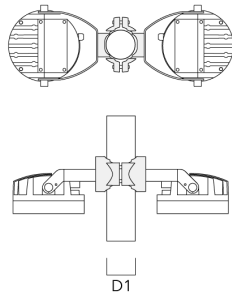
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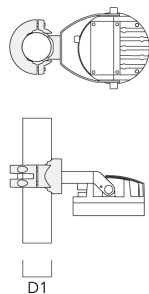
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Pole clamp PC

Description	Part ID	D1	Weight (lb)
PC2 76-89/60 Pole clamp, double (Ø 3"-3.5")	139-2703	3.0-3.50	2.20



PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20
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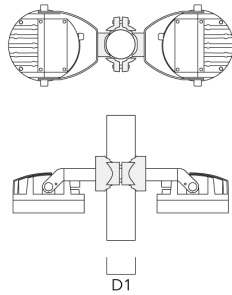
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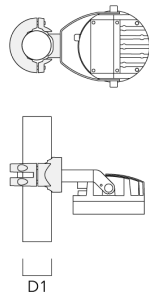
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65



PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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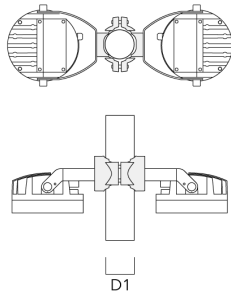
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www.oculuslightstudio.com

FLC220 LED

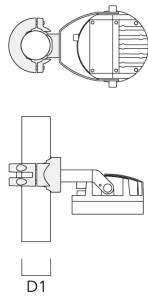
Floodlights

we-ef

Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10



PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F4

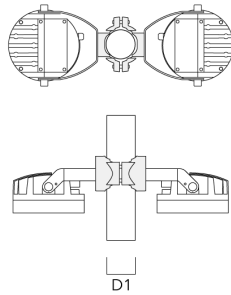
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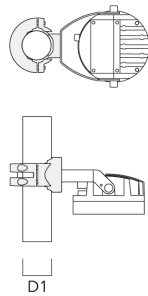
FLC220 LED **Floodlights**

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Description	Part ID	D1	Weight (lb)
PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25")	139-2705	3.20-4.30	2.40



PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")	139-2704	3.20-4.30	2.40
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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F4

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FLC220 LED

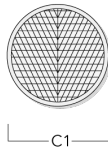
Floodlights

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Optical Accessories

Wallwash lens

Description	Part ID	C1
IO-20-FLC220-LED	139-2035	5.75



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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F4

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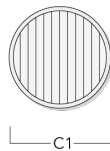
FLC220 LED

Floodlights

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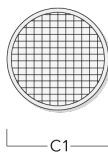
Linear spread lens

Description	Part ID	C1
IO-180-FLC220-LED	139-2036	5.75



Softening Lens

Description	Part ID	C1
IO-360-FLC220-LED	139-2037	5.75



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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F4

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FLC220 LED

Floodlights

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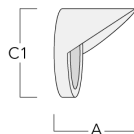
Honeycomb louvre

Description	Part ID	C1
IW-FLC220-LED	139-2034	5.43



Glare shield

Description	Part ID	A	C1
ES-FLC220-LED	139-1986	4.92	7.48



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Project

Luminaire Type

WWII Monument

Torrance, CA

LL-F4

OCULUS LIGHT STUDIO

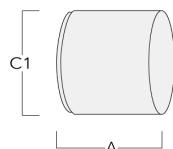
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FLC220 LED
Floodlights

we-ef

Snoot

Description	Part ID	A	C1
ET-FLC220-LED	139-1987	4.92	7.48



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Project

Luminaire Type

WWII Monument

Torrance, CA

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SPECIFICATIONS

DESCRIPTION:

High output LED adjustable accent fixture. Suitable for wet/damp/dry location installations.

MATERIAL:

Standard overall material is 6061 aluminum.

FINISH:

AA - Anodized Satin Aluminum
AP - Powder Coat Aluminum
BK - Powder Coat Black
BZ - Powder Coat Bronze
WT - Powder Coat White

LED OPTIONS:

Integral high output Xicato LED module,

L30 - 5.4W, 720 Lumens (3000K)

L40 - 11.4W, 1275 Lumens (3000K)

Color Temperature CCT

27 - 2700K CCT

30 - 3000K CCT

35 - 3500K CCT

40 - 4000K CCT

IES TM-30: Rf 78, Rg 101

Reflector, Field Replaceable

NF - Narrow Flood, 20°

FL - Flood, 40°

WFL - Wide Flood, 60°

VOLTAGE:

Requires remote LED driver. Leading edge/trailing edge dimmable constant current remote LED Driver included. Dimmable only in 120V. See driver options.

120-277 - 120-277V LED driver

DRIVER OPTIONS:

Fixture includes HL-RD remote LED driver enclosure (3R rated stainless steel enclosure) standard. Driver options available in place of HL-RD for direct burial, surface, ground and wall mounting available.

H-POD-LED-L** - Remote direct burial driver.

HLD-CBB-L** - Composite burial box for driver w/fixture mount.

SMED-L** - Surface mount driver canopy.

WMED-L** - Wall mount driver canopy.

MOUNTING:

Fixture is designed with a 1/2"-NPS adjustable mounting stem.

OPTIONS:

Glare shield

GL-920 - Angled, aluminum

GL-921 - Straight, aluminum

Lenses/Louvers/Color Filters

LA-1-920 - Hexcell Louver (Black)

LA-2-920 - Prismatic lens

LA-3-920 - Linear spread lens

LA-4-920 - Soft focus lens (diffused)

LA-5-920 - Moonlight lens

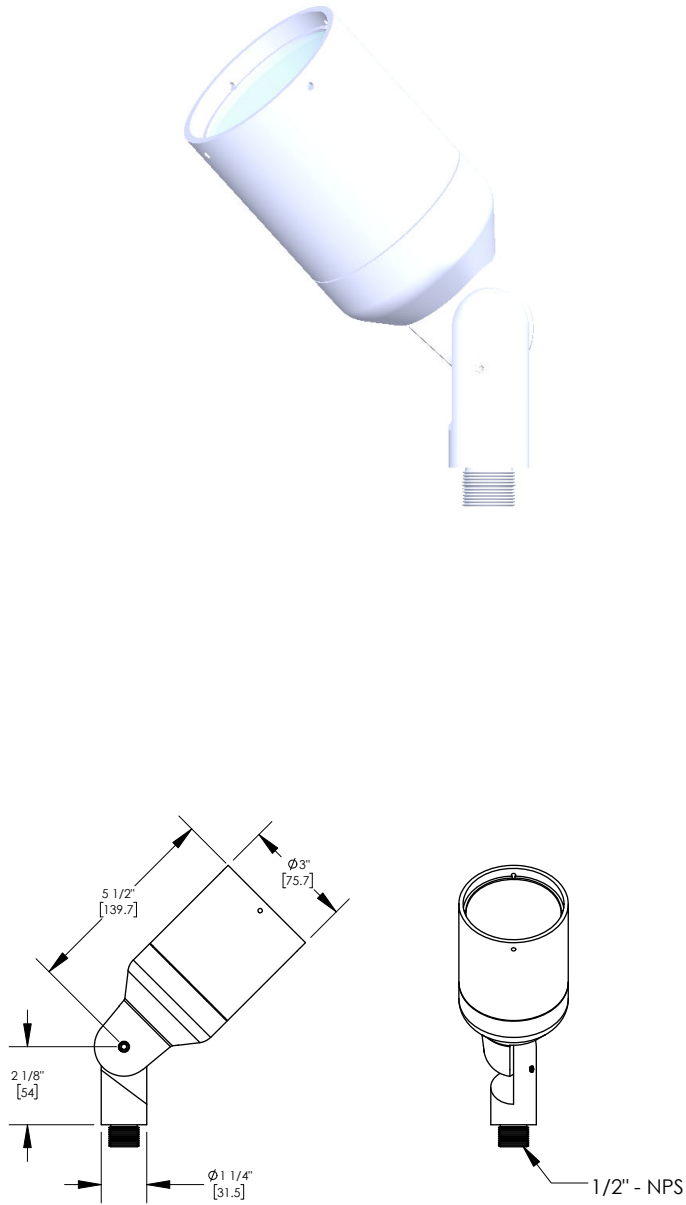
LA-6-920 - Blue lens

See fixture accessories for more information.

RATING:

Wet/damp/dry location.

MADE IN THE USA



PROJECT:	HEVI LITE, INC. 9714 Variel Ave, Chatsworth, CA 91311 Tel., (818) 341-8091 - Fax (818) 998-1986 Web Site http://www.hevilite.com CATALOG NUMBER: HL-918
APPROVED:	
NOTE:	
TYPE:	

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Project

WWII Monument

Torrance, CA

OCULUS LIGHT STUDIO

Page 1 of 2

Luminaire Type

LL1

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 SEATTLE | 107 Spring Street Seattle WA 98104 USA +1 206 876 8555
www.oculuslightstudio.com

SPECIFICATIONS

DESCRIPTION:
Stainless steel triple prong ground mounting spike, for low voltage applications. Suitable for wet/damp/dry location installations.

MATERIAL:
Standard overall material stainless steel.
GM-3 - Machined Stainless Steel

FINISH:
BZ - Powder Coat Bronze
N - Natural, Stainless Steel

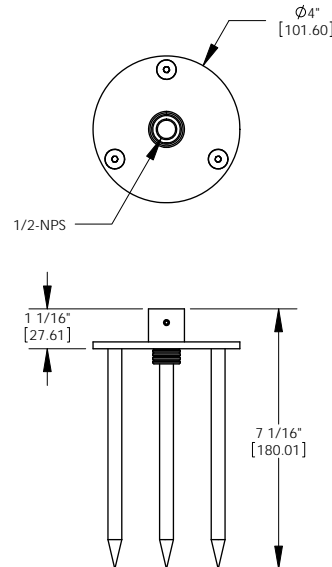
VOLTAGE:
Suitable for low voltage (12V) fixtures.

MOUNTING:
Spike has (1) 1/2-NPS mount.

SAMPLE ORDER SPECIFICATION:
GM-3-AA

RATING:
Wet/damp/dry location.

MADE IN THE USA



ORDER SPECIFICATION: _____ Fixture _____ Finish _____ Lamping _____ Voltage _____ Options/Access. _____

PROJECT:

APPROVED:

NOTE:

TYPE:

HEVI LITE, INC.
9714 Variel Ave, Chatsworth, CA 91311
Tel., (818) 341-8091 - Fax (818) 998-1986
Web Site <http://www.hevilite.com>

CATALOG NUMBER:

GM-3

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WWII Monument

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Luminaire Type

LL1

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