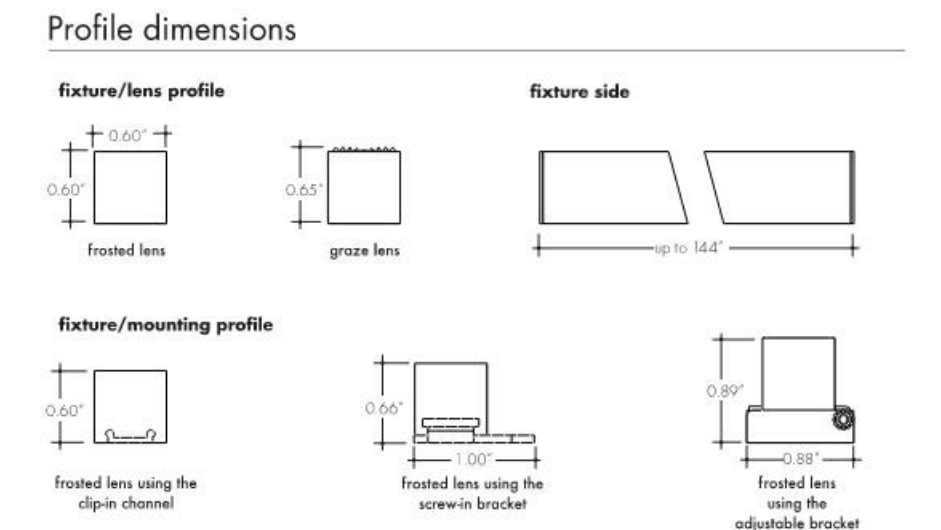




- Features**
- 24VDC Class 2 for wet locations fixtures made to order up to 144". Fixtures can be linked up to 3'5" depending on output
 - Suitable for undercabinet, millwork recessed and surface mount applications
 - Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)
 - Dot free even illumination achievable in HO and VHO with frosted lens
 - Vibrant colors with R9 values up to 98
 - Proprietary strong bond solder method handles up to 50lbs of torque on wire leads and connectors
 - Single micro binned LEDs +/- 30 CCT
 - Dims with minimal color shift
 - Class 2 listed for wet locations
 - 3 Year warranty

- Finish options**
- Silver anodized
 - Black powder coated
 - Bronze powder coated
 - White powder coated
- IC RATED**
- RoHS**
- IP68**

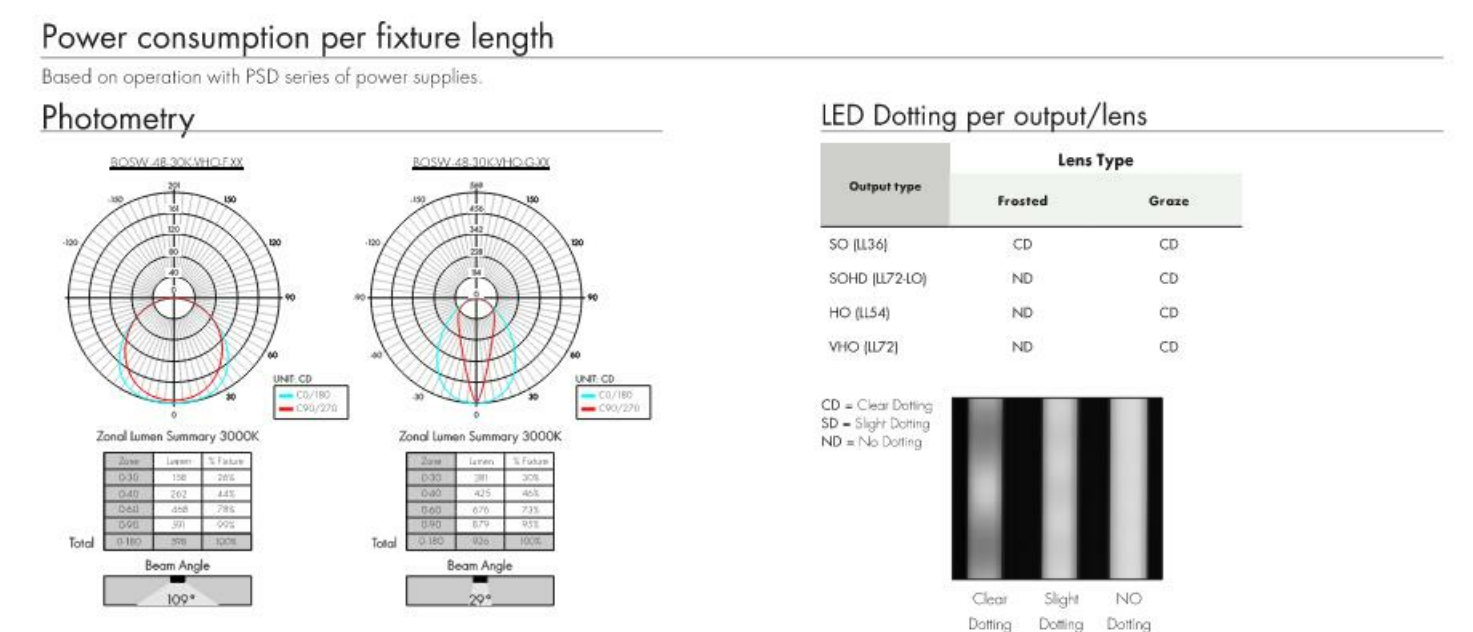


Technical information

Output Options	CCT INFO/LUMEN MULTIPLIER	TM-30-15																																																		
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Ordering Code

MODEL	LENGTH	CCT	OUTPUT	LENS	MOUNTING	FINISH	POWER FEED POSITION/TYPE
BOSW	12" - 144"	27K - 4100K	SO	F - Frosted C - Clear	C - Clip-in G - Gasket	SA - Silver BK - Black BR - Bronze WH - White	E - End 100 - 27" wire leads of both ends 2 - 72" wire leads of one end and quick connect at other 3 - Single quick connect 4 - Dual quick connect



Power consumption per fixture length

Based on operation with PSD series of power supplies.

Nominal Length	Actual Length	SO	SOHD	HO	VHO
12"	12.13/16"	3.25 3.25 12.12/16"	4.20 4.20 12.12/16"	5.35 5.30 12.12/16"	6.75 6.75
16"	16.1/16"	3.25 4.00 16.10/16"	4.23 3.66 16.1/16"	5.33 7.06 16.10/16"	6.75 9.00
20"	20.15/16"	3.25 5.25 20.12/16"	4.27 7.31 20.1/16"	5.31 8.82 20.10/16"	6.75 11.25
24"	24.19/16"	3.25 6.50 24.19/16"	4.30 8.60 24.10/16"	5.30 10.00 24.1/16"	6.75 13.50
28"	28.18/16"	3.25 7.75 28.18/16"	4.30 9.77 28.1/16"	5.28 11.33 28.1/16"	6.75 16.75
32"	32.18/16"	3.25 8.50 32.7/16"	4.10 10.04 32.8/16"	5.26 14.00 32.7/16"	6.75 19.00
36"	36.1/16"	3.25 9.75 36.6/16"	4.00 12.10 36.7/16"	5.25 15.80 36.6/16"	6.65 19.99
40"	40.1/16"	3.25 11.25 40.1/16"	4.00 13.40 40.6/16"	5.23 17.60 40.5/16"	6.65 22.00
44"	44.1/16"	3.20 11.75 44.1/16"	4.00 14.76 44.5/16"	5.21 19.00 44.4/16"	6.65 24.40
48"	48.1/16"	3.20 13.00 48.1/16"	4.00 16.10 48.4/16"	5.20 20.00 48.3/16"	6.55 26.20
52"	52.1/16"	3.20 13.30 52.1/16"	3.97 17.27 52.8/16"	5.18 22.40 52.7/16"	6.55 28.30
56"	56.2/16"	3.20 14.40 57.1/16"	3.95 18.44 57.2/16"	5.16 24.00 57.1/16"	6.55 30.50
60"	60.1/16"	3.20 16.00 60.1/16"	3.93 19.60 60.6/16"	5.15 26.00 60.5/16"	6.45 32.75
64"	64.1/16"	3.20 17.00 64.1/16"	3.89 20.73 65.1/16"	5.13 27.60 64.5/16"	6.45 34.40
68"	68.1/16"	3.15 18.00 68.1/16"	3.86 21.86 69.6/16"	5.11 29.20 68.6/16"	6.45 36.35
72"	72.1/16"	3.15 18.90 72.1/16"	3.83 23.00 73.1/16"	5.10 30.80 72.1/16"	6.40 38.40
76"	77.0/16"	3.15 19.00 76.0/16"	3.80 24.08 77.0/16"	5.08 32.60 76.0/16"	6.40 40.50
80"	81.0/16"	3.15 21.00 81.0/16"	3.83 25.12 81.0/16"	5.06 34.00 81.0/16"	6.40 43.00
84"	85.0/16"	3.15 22.00 84.0/16"	3.74 26.20 85.1/16"	5.05 35.70 84.0/16"	6.25 43.75
88"	89.0/16"	3.15 23.00 88.0/16"	3.73 27.33 89.1/16"	5.03 37.50 88.0/16"	6.25 46.00
92"	93.0/16"	3.10 24.00 92.0/16"	3.71 28.46 93.1/16"	5.01 38.50 92.8/16"	6.25 48.00
96"	97.0/16"	3.10 24.80 100.0/16"	3.70 29.60 100.0/16"	5.00 40.00 97.0/16"	6.25 49.20
100"	101.0/16"	3.10 26.30 103.0/16"	3.67 30.56 103.0/16"	4.98 41.00 103.0/16"	6.15 51.25
104"	105.5/16"	3.05 27.00 105.4/16"	3.64 31.53 104.2/16"	4.96 43.20 105.4/16"	6.15 53.00
108"	109.5/16"	3.05 28.00 109.4/16"	3.61 32.50 108.1/16"	4.95 44.80 109.4/16"	6.00 54.00
112"	113.4/16"	3.05 28.50 113.3/16"	3.59 33.46 112.1/16"	4.93 46.20 113.3/16"	6.00 56.00
116"	117.2/16"	3.05 30.00 117.2/16"	3.56 34.43 116.0/16"	4.91 47.60 117.2/16"	6.00 58.00
120"	121.2/16"	3.00 30.50 121.2/16"	3.54 35.40 120.9/16"	4.90 48.90 121.2/16"	5.90 59.00
124"	125.1/16"	3.00 31.50 125.1/16"	3.52 36.36 124.8/16"	4.88 50.40 125.1/16"	5.90 60.60
128"	128.1/16"	3.00 32.30 128.1/16"	3.50 37.33 128.7/16"	4.86 51.90 128.1/16"	5.90 62.70
132"	132.1/16"	2.95 33.50 132.1/16"	3.48 38.30 132.6/16"	4.85 53.30 132.1/16"	5.85 63.80
136"	136.1/16"	2.95 34.80 136.1/16"	3.48 39.20 136.5/16"	4.83 54.70 136.1/16"	5.85 65.30
140"	140.1/16"	2.95 35.50 140.1/16"	3.44 40.10 140.4/16"	4.81 56.10 140.1/16"	5.80 66.80
144"	144.1/16"	2.90 36.00 144.1/16"	3.42 41.00 144.3/16"	4.80 57.40 144.1/16"	5.70 68.40

The slender profile of LINEA complements contemporary architecture with well proportioned styling and a modern form. The fabricated aluminum bollard is available as a single or twin mount luminaire in three different heights to meet varying scale requirements. The fully shielded luminaire emits zero uplight and is Dark Sky compliant. Concealed mounting minimizes the footprint. All hardware is stainless steel.



Ordering Information

Model	Lamp	Color Temperature	Volt	Mounting	Finish	Option
LNy60S	LED	WW 3000K NW 4000K	UNV - 120-277V	A - Single Mount B - Twin Mount	SG - Silver Grey DG - Dark Grey GG - Graphite Grey BLK - Matte Black BRZ - Dark Bronze CC - Custom RAL Color	DM - 0-10VDC Dimming N - None

HOUSING
Single piece bollard consisting of luminaire head and shaft is fabricated from 6061 aluminum extrusion showing no visible welds. Nominal wall thickness is 0.125" with rectangular cross-section of 6" x 2". LED light engine and driver are housed within a self contained power pack installed in the bollard head and is removable with a single tamper-proof fastener. The LED light engine is thermally managed using convection and heat transfer through the use of an aluminum heat sink and the luminaire housing. The lens is clear, impact resistant acrylic. Bollard is available in single or twin mount configurations. All hardware is stainless steel.

OPTICS
LED light engine consists of three high output, multi-chip LED arrays fitted with prismatic lensing to produce a uniform asymmetric light distribution pattern. Luminaire emits zero uplight at or above 90 degrees horizontal and qualifies for use in LEED zones LZ1, LZ2, LZ3, and LZ4. Color temperature may be 3000K or 4000K with CRI greater than 80.

ELECTRICAL
Integral LED driver is housed in luminaire head and consumes 11 watts at 350 mA. Input voltage range is 120v - 277V AC, 50-60 Hz. High power factor LED driver shall be UL recognized.

LED DELIVERED LUMENS / BUG RATING
3000K - 479 delivered lumens / Bo-Uo-G1
4000K - 514 delivered lumens / Bo-Uo-G1

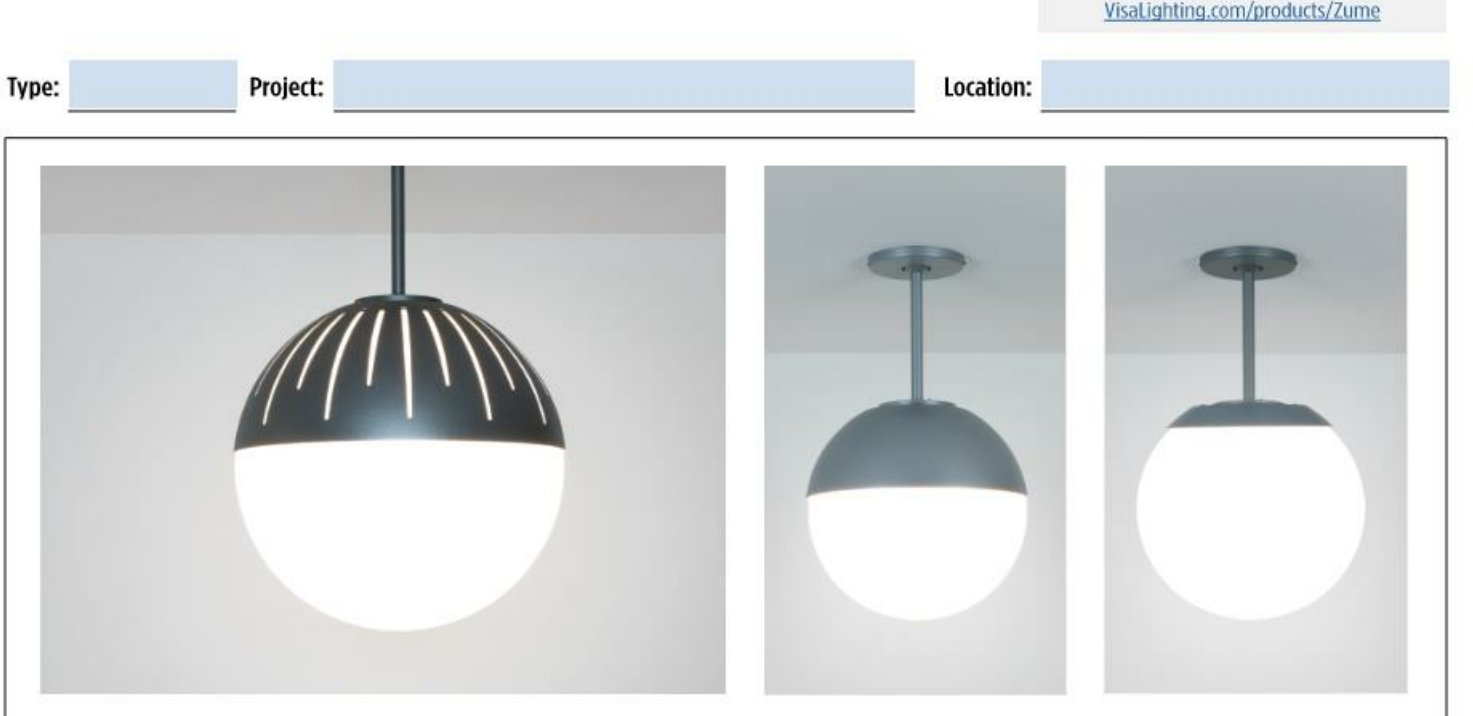
NOTE: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for the most current technical data.

MOUNTING
Flangeless bollard shaft slips over an integral tenon on the installation plate and is secured with stainless steel tamper-proof hardware to provide a stable mounting platform for the luminaire. Hardware for the installation plate includes hex nuts and washers for leveling and fastening, as well as three 1/2" hot-dip galvanized anchor bolts for embedment into a concrete foundation provided by others.

FINISH
Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special colors available on request.

CERTIFICATION
CSA/US Certified for Wet Locations

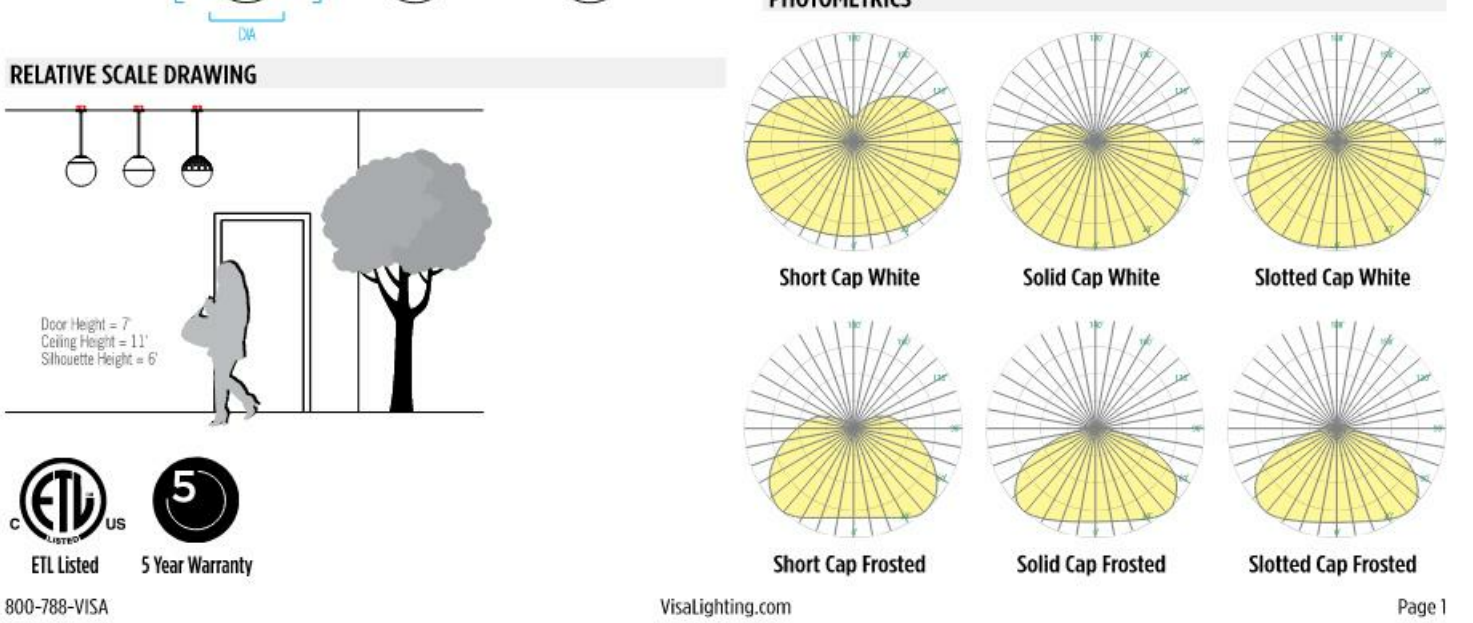
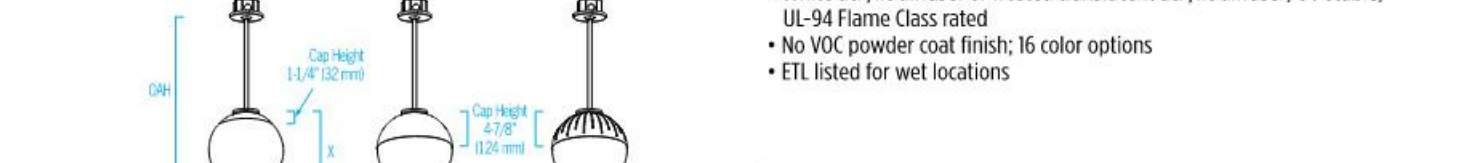
WARRANTY
Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.



DIMENSIONS* **OAH MUST BE SPECIFIED**

DIA = Diameter OAH = Overall Height X = Body Height WT = Weight

DIA 12" (305 mm)
MIN OAH 17" (432 mm)
STD OAH 42" (1067 mm)
MAX OAH 107" (2718 mm)
WT 8 lbs



12" Stem Suspension

Fill in shaded boxes using information listed below

MODEL	CAP	SOURCE	VOLTAGE	FINISH	DIFFUSER	TETHER OPTION	OAH
OP2124	ShortCAP SolidCAP SlottedCAP	L30K(H) L30K(L) L35K(H) L35K(L) L40K(H) L40K(L)	MVOLT	AGT03B BMAT BRNZ BSIL CVBL CW9001 GLIM GSIL GW9002 HTHR JB9005 OBZ PBRT35 RUST SUNG TW9016	AC FRST	TH	

CAP (Select one)

ShortCAP	Short cap
SolidCAP	Solid cap
SlottedCAP	Slotted cap



SOURCE (Select one)

Dimmable 0-10V to 1%, minimum 80CRI, within 5-step MacAdam

Source	CCT	Short Cap White	Short Cap FRST	Solid Cap White	Solid Cap FRST	Slotted Cap White	Slotted Cap FRST	Power (Watts)
L30K(H)	3000K	1700	1900	1200	1400	1500	1500	17
L30K(L)	3000K	1100	1200	800	900	800	900	10
L35K(H)	3500K	1800	1900	1200	1500	1300	1500	17
L35K(L)	3500K	1100	1200	800	900	800	900	10
L40K(H)	4000K	1800	2000	1300	1500	1300	1500	17
L40K(L)	4000K	1100	1200	800	900	800	1000	10

VOLTAGE

MVOLT fixture accepts 120 through 277 input voltage
MVOLT 120-277V, 50/60 Hz

7120 E INDIAN SCHOOL RD,
SCOTTSDALE, AZ 85251

- CASE PRE-APP NUMBER -
63-PA-2020

Genzler

2575 E Camelback Road Suite 175
Phoenix, AZ 85016
United States
Tel 602.523.4900
Fax 602.523.4949

SYDNOR

4806 N 78TH Place
Scottsdale, AZ 85251
United States
Tel 480.206.4593

Date	Description
01/06/22	Development Review Board

Seal / Signature

NOT FOR CONSTRUCTION

Project Name
3RD AVENUE + INDIAN SCHOOL
ROAD - SCOTTSDALE, AZ

Project Number
057.6850.000

Description
LIGHTING CUT SHEETS

Scale

52