ELCO Lighting

Project Name:
Fixture Type:
Date:

KOTO™ LANDSCAPE BULLET

5W-14W, 2400K-4000K, CT5, Human Centric, Sunset, Tunable White, 350 lm - 1500 lm, 120V



THE KOTO™ LANDSCAPE SYSTEM

The Koto™ Landscape Bullet offers focused, precision illumination in a compact, architectural form. Fully customizable with a replaceable Koto™ Module, providing flexibility in output, voltage, beam spread, & color temperature. Crafted from solid brass, available in black or brass finishes. Built for long-term outdoor performance. An adjustable base allows for precise aiming, with a secure locking mechanism.

FEATURES

- Solid brass fixture for easy maintence & upgrades.
- Field changeable beam angles
- Optional Sunset, Dim to Warm technology, dims from 3000K to 1800K.
- Optional Human Centric, Dim to Warm technology, dims from 4000K to 2200K.
- Title 24 JA8-2025 E-Compliant.
- ENERGY STAR Compliant.
- Covered by U.S. PATENTS and Patents Pending.
- Serviceable and upgradeable Koto™ LED Modules



SPECIFICATIONS

Lumens/Wattage	350 lm (5W), 750 lm (10.5W), 850 lm (10.5W), 880 lm (11.5W), 950 lm (10.5W), 1050 lm (12.5W), 1150 lm (12.5W), 1350 lm (12.5W) 1500 lm (14W)
Voltage	120V, 12V AC & 24V DC
Color Temp.	2400K, 2700K, 3000K, 3500K, 4000K, CT5, Sunset, Human Centric & Tunable White
CRI	95+
Wet Location	ETL Listed
IP Rating	IP65
Dimming	Triac/ELV, 0-10V/Triac/ELV (1%) & DALI-2 DT8 (0.1%)
Beam Angle	10°, 18°, 25°, 38°, 60° & 90°
Finishes	Black, Brass

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PRODUCT NUMBER BUILDER

Specify Landscape Bullet and Koto™ LED Module part number (Select one) Example: E25BEB-08CT5

ELCO KOTO™ LANDSCAPE	FINISH	LUMENS/WATTAGE	COLOR TEMP.	DIMMING/VOLTAGE	BEAM ANGLE
E25BE					
	B Black **R** Brass				

Low Voltage 12V AC

LUMENS/WATTAGE	COLOR TEMP.	DIMMING/VOLTAGE	BEAM ANGLE
-08 850 lm (10.5W)	**27** 2700K **30** 3000K **SD**[1] Sunset	**1A** 12V AC	**(Blank)**[2] 38° **-S** 18° **-N** 25° **-W** 60° **-E**[3] 90°

[1] Sunset, Dim to Warm technology, dims from 3000K to 1800K

[2] 38° installed on module with 25° & 60° included in box.
[3] 90° available with frosted reflector only.

Low Voltage 24V DC

LUMENS/WATTAGE	COLOR TEMP.	DIMMING/VOLTAGE	BEAM ANGLE
-08 850 lm (10.5W)	**27** 2700K **30** 3000K	**2D** 24V DC	**(Blank)**[4] 38° **-S** 18° **-N** 25° **-W** 60° **-E**[5] 90°

[4] 38° installed on module with 25° & 60° included in box.
[5] 90° available with frosted reflector only.

120V, Triac/ELV

LUMENS/WATTAGE	COLOR TEMP.	DIMMING/VOLTAGE	BEAM ANGLE
-03[6] 350 lm (5W) **-07** 750 lm (10.5W) **-09** 950 lm (10.5W) **-11** 1150 lm (12.5W) **-13** 1350 lm (12.5W) **-15** 1500 lm (14W)	**24** 2400K **27** 2700K **30** 3000K **35** 3500K **40** 4000K **SD**[7] Sunset **HC**[8] Human Centric	**(Blank)** 120V, Triac/ELV	**(Blank)**[9] 38° **-S** 18° **-N** 25° **-W** 60° **-E**[10] 90° **-T**[11] 10°
-08 850 lm (10.5W) **-10** 1050 lm (12.5W)	**CT5** CCT Switch: 2700K, 3000K, 3500K, 4000K, 5000K		

[6] Available in 2700K & 3000K
[7] Sunset, Dim to Warm technology, dims from 3000K to 1800K. Available with 950 lm & 1150 lm only.
[8] Human Centric, Dim to Warm technology, dims from 4000K to 2200K. Available with 1150 lm only.
[9] 38° installed on module with 25° & 60° included in box.
[10] Available with frosted reflector only.
[11] 10° available with 2700K & 3000K only in 350 lm & 750 lm

120V, Triac/ELV/0-10V

LUMENS/WATTAGE	COLOR TEMP.	DIMMING/VOLTAGE	BEAM ANGLE
-10 1050 lm (12.5W)	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **SD**[12] Sunset	**X** 120V, 0-10V, Triac/ ELV (1%)	**(Blank)**[13] 38° **-S** 18° **-N** 25° **-W** 60° **-E**[14] 90°

[12] Sunset, Dim to Warm technology, dims from 3000K to 1800K

[13] 38° installed on module with 25° & 60° included in box.
[14] 90° available with frosted reflector only.

DALI-2 DT8 Tunable White

LUMENS/WATTAGE	COLOR TEMP.	DIMMING/VOLTAGE	BEAM ANGLE
-08 880 lm (11.5W)	**4T** Tunable White 4000K - 1800K	**A** 120V, DALI-2 DT8 Tunable White (0.1%)	**(Blank)**[15] 38° **-S** 18° **-N** 25° **-W** 60° **-E**[16] 90°

[15] 38° installed on module with 25° & 60° included in box.
[16] 90° available with frosted reflector only.

In Ground Stake (Optional)
EGKSTK1

Field Changeable Secondary Module Optics					
L45 Black Hex Louver	**L46** Linear Lens	**L49** Frosted Diffuser	**L52** Blue Color Shifter	**L54** Single Asymmetric	**L50W** White Snoot
L57 White Hex Louver	**L47** Spread Lens	**L51** CCT Reducer	**L53** Pink Color Shifter	**L55** Double Asymmetric	**L50B** Black Snoot

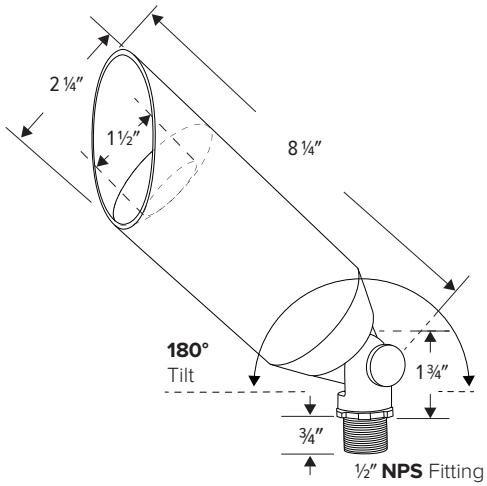
Koto Modules - Lumen Value Multiplier			
CCT	**Multiplier**	**Beam Angle**	**Multiplier**
2700K	0.96	18°	0.84
3000K	1	25°	0.89
3500K	1.05	38°	1
4000K	1.085	60°	1.065
5000K	1.1	90°	0.95
SD	0.80		
HC	0.85		

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PRODUCT DIMENSIONS

LANDSCAPE BULLET

E25BE
LANDSCAPE BULLET





B (Black)



R (Brass)

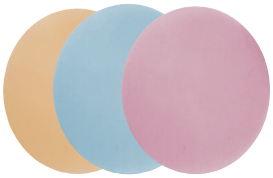
ACCESSORIES

EGKSTK1
IN GROUND STAKE



LENS & OPTICS (field changeable)

FIELD CHANGEABLE LENS		HEX LOUVER	LINEAR LENS	SPREAD LENS
				
EP731C (18°) / **EP732C** (25°) **EP733C** (38°) / **EP734C** (60°)	**EP739C** (90°)	**L45** (Black) / **L57** (White) For a better glare shield	**L46** For a wide rectangular illumination pattern	**L47** For a symmetrical broadening of light beams

FROSTED DIFFUSER	COLOR SHIFTERS	SINGLE ASYMMETRIC LENS	DOUBLE ASYMMETRIC LENS	SNOOTS
				
L49 For a softer light	**L51** (Color temp. reducer) **L52** (Blue) / **L53** (Pink)	**L54** For elliptical illumination pattern	**L55** For elliptical illumination pattern	**L50W** (White) / **L50B** (Black) Reduces glare and light spill

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ACCESSORIES

24V DC TRANSFORMERS, Universial Dimming LED Transformers

SMALL	MEDIUM	LARGE	EXTRA LARGE
			
DRVU24V24WD 24W, 24V DC (1A), 120-277V, TRIAC/ELV/MLV **DRVU24V60WD** 60W, 24V DC (2.5A), 120-277V, TRIAC/ELV/MLV	**DRVU24V100WD** 100W, 24V DC (4A), 120-277V, TRIAC/ELV/MLV	**DRVU24V200WD** 200W, 24V DC (8A), 120-277V, TRIAC/ELV/MLV	**DRVU24V300WD** 300W, 24V DC (12A), 120-277V, TRIAC/ELV/MLV

12V AC OUTDOOR TRANSFORMERS

SMALL	MEDIUM	LARGE	EXTRA LARGE
			
DRVMT12V150W 150W, 12V-15V AC, 120V	**DRVMT12V300** 300W, 12V-15V AC, 120V	**DRVMT12V600W** 600W, 12V-15V AC, 120V	**DRVMT12V900W** 900W, 12V-15V AC, 120V

24-HOUR MANUAL TIMER	PHOTOCELL STEM & 180° SWIVEL
	
EMTMR For use with outdoor low voltage transformer enclosure DRVMT Series	**EMTPH1** Resists weather & moisture: For use with outdoor low voltage transformer enclosure DRVMT Series

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TECHNICAL DETAILS

Optics: Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology. Standard lens is shaterproof

Construction (Light Engine): Diecast aluminum body with heat fins allow for efficient cooling

Construction (Fixture): Crafted from solid brass

Installation (Light Engine): Twist-on design for toolless trim installation. For use with Koto™ Landscape products only.

Electrical: Fixture connects to 120V AC, 24V DC or 12V AC depending on item. High-efficiency driver with a power factor >0.9. Start time of less than 0.75 seconds.

LED Technology: Extremely accurate Color Rendering Index of 95+. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integrated heat sink. Instant On to Full Brightness technology. No LED pixelation.

Delivered Lumens:
0327 2700K/442.8 lm/5W **0330** 3000K/461.2 lm/5W

0727 2700K/770 lm/10.5W **0730** 3000K/800 lm/10.5W **0735** 3500K/830 lm/10.5W **0740** 4000K/860 lm/10.5W **08CT5** 2700K/728.5 lm/10.5W

08CT5 3000K/886 lm/10.5W **08CT5** 3500K/902 lm/10.5W **08CT5** 4000K/920 lm/10.5W **08CT5** 5000K/931 lm/10.5W

0927 2700K/912 lm/10.5W **0930** 3000K/950 lm/10.5W **0935** 3500K/990 lm/10.5W **0940** 4000K/1030 lm/10.5W **09SD** Sunset/940 lm/10.5W

10CT5 2700K/908 lm/12.5W **10CT5** 3000K/1012 lm/12.5W **10CT5** 3500K/1038 lm/12.5W **10CT5** 4000K/1040 lm/12.5W **10CT5** 5000K/1032 lm/12.5W

10DX27 2700K/979 lm/11.8W **10DX30** 3000K/1020 lm/11.8W **10DX35** 3500K/1060 lm/11.8W **10DX40** 4000K/1103 lm/11.8W **10DXSD** Sunset/1000 lm/11.8W

1124 2400K/730 lm/12.5W **1127** 2700K/1068 lm/12.5W **1130** 3000K/1112 lm/12.5 **1135** 3500K/1156 lm/12. 5W **1140** 4000K/1202 lm/12.5W **11SD** Sunset/1050 lm/12.5W **11HC** Human Centric/1050 lm/12.5W

Dimming: Works with 120V Triac/ELV, 24V DC & 12V AC type dimmers. Dims down to 5%. For full list of dimmers, refer to the Dimmer Compatibility List. Industry leading dimming that dims smoothly with no hot spots or flickering

Sunset: Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

Listings: ETL Listed for Wet Locations. IP65 Rated. RoHS Compliant. Meets Energy Star & California Title 24 JA8-2025 standards.

Warranty: ELCO Products are built to last with a 5-year Limited warranty.

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DIMMER COMPATIBILITY CHART

FOR REFERENCE ONLY

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

MANUFACTURER	PRODUCT	PART NUMBER	DIMMED LIGHT OUTPUT RANGE
120V - Triac/ELV Dimmers for ELK03, ELK07, ELK08, ELK09, ELK10, ELK11, and ELK13 Series			
Leviton	Decora SureSlide® Single Pole with Slide -to-Off	6672	15% - 100%
	Decora soft fade On/Off. Single Pole, 3-Way	1K35O2	5% - 100%
Lutron	Vive, 120V, 150W LED/CFL, 600W Incandescent/Halogen, FP, Single Pole/Multi-Location Dimmer, Commercial Application	MRF2S-6CL	12% - 91%
	Panel Model, Commercial/Residential Application, FP	GP (Harrier) Card	10% - 94%
	QS/Mailbox Power Module, 120/220 to 240V AC, LED/Incandescent/Halogen Load Type, Commercial/Residential Indoor Application, FP	LQRJ-WPM-6P	10% - 95%
	Grafik Eye 3000/HomeWorks, 120V, Incandescent/Fluorescent Load Type, Commercial/Residential Application, FP	HWI-WPM-6D-120	10% - 95%
	Panel Dimming Module, 120V, Commercial/Residential Application, FP	HW/LP-RPM-4U-120	10% - 95%
	Panel Adaptive Dimming Module, 120V, Commercial/Residential Application, FP	HW/LP-RPM-4A-120	9% - 95%
	HomeWorks® QS for CFL/LED, 120V, RP, Commercial/Residential Application	LQSE-4A1- DMQSE-4A1-D MQSE-3A1 MQSE-2A1-D	8% - 95%
	Energi Savr Node LED+ Phase Adaptive, Commercial Application, Reverse Phase, (Zone 1) (Zones 2-4)	QSN-4A5-S	8% - 95%
	Energi Savr Node LED+ Phase Adaptive, Commercial Application, Foward Phase, (Zone 1) (Zones 2-4)	QSN-4A5-S	10% - 97%
	RadioRA®2, 120V, 50/60-Hz, 150W LED or 600W Incandescent/Halogen, 3-Way & 4-Way, Residential Application	RRD-6CL	10% - 95%
	RadioRA®3, 120V, 250W LED/CFL or 500W Incandescent/Halogen, Single Pole, Multi-Location	RRST-PRO-N	10% - 95%
	HomeWorks® QS, 120V, 60-Hz, 150W LED/CFL or 600W Incandescent/Halogen/ MLV, Residential Application	HQRD-6CL(H2) HQRA-6CL(H2)	10% - 95%
	Homeworks QS, Residential Application, Reverse Phase	LQSE-4A-120-D	8% - 89%
	HomeWorks® for LED/Incandescent/Halogen loads, Reverse Phase, (Zone 1) (Zones 2-4)	LQSE-4A5-120-D	8% - 89%
	HomeWorks® for LED/Incandescent/Halogen loads, Foward Phase, (Zone 1) (Zones 2-4)	LQSE-4A5-120-D	10% - 100%
	Ariadni® C·L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen	AYCL-153P	10% - 100%
	Skylark Contour® C·L, Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/ Halogen	CTCL-153P	10% - 100%
	Skylark® C·L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen	SCL-153P	10% - 100%
	Diva® Series 150W Single Pole/3-Way Dimmer	DVCL-153P	10% - 100%
	Skylark Contour® Single Pole/3-Way 1000W Incandescent/Halogen	CT-103P	10% - 100%

***NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details**

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Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross refrence that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.

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MANUFACTURER	PRODUCT	PART NUMBER	DIMMED LIGHT OUTPUT RANGE
120V - Triac/ELV Dimmers for ELK03, ELK07, ELK08, ELK09, ELK10, ELK11, and ELK13 Series			
Lutron	Skylark® Single Pole 300W ELV Preset Dimmer	SELV-300P	5% - 100%
	Skylark® Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer	S-600P	5% - 100%
	Diva® 300W Single Pole/3-Way ELV Dimmer	DVELV-303P	10% - 100%
	Diva® 600W Single Pole Incandescent/Halogen Preset Dimmer	DV-600P	5% - 100%
	Ariadni® 600W Single Pole Magnetic Low Voltage Dimmer	AYLV-600P	5% - 100%
	Ariadni® 600W Single Pole/3-Way Incandescent/Halogen Dimmer	AY-603P	5% - 100%
	Maestro® 600W Single Pole/3-Way ELV Dimmer	MAELV-600	5% - 100%
	Maestro® C·L Single Pole/3-Way Dimmer. 150W Max for LED/CFL or 600W Max for Incandescent/Halogen	MACL-153M	10% - 100%
	Caséta® Wireless Dimmer	PD-6WCL	10% - 100%
SnapOne™ *MLV each transformer must be loaded to at least 50% of its maximum load	Control4® Centralized 8-Channel Adaptive Phase Dimmer, 120/277V AC, 50/60-Hz, 200W LED, 500W Fluorescent/CFL, 1000W Incandescent/Halogen/ELV/MLV*	C4-DIN-8APD	5% - 100%
	Control4® Centralized 8-Channel Forward Phase Dimmer, 100/120V AC, 50/60-Hz, 200W LED, 500W Fluorescent/CFL, 1000W Incandescent/Halogen/MLV*	C4-DIN-8FPD	25% - 100%
	Control4® Wireless Adaptive Phase Dimmer, 120V AC, 50/60-Hz, 120W LED, 300W Fluorescent/CFL, 600W Incandescent/Halogen	C4-APD120	23% - 100%
	Control4® Forward Phase Dimmer, 120V AC, 50/60-Hz, 200W LED, 500W Fluorescent/CFL, 1000W Incandescent/Halogen	C4-FPD120	4% - 100%
	Control4® Essential Forward Phase Dimmer, 120V AC, 60-Hz, 300W LED, 300W Fluorescent/CFL, 600W Incandescent/Halogen	C4-V-FPD120	1% - 100%

***NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details**

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24V DC Dimmers for ELK03, ELK07, ELK08, ELK09, ELK10, ELK11 and ELK13 Series			
Lutron	Toggler® C·L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen	TGCL-153P	10% - 100%
	Skylark® C·L Single Pole/3-Way, 150W LED/CFL or 600W Incandescent/Halogen	SCL-153P	10% - 100%
	Caséta® Wireless Smart Dimmer, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole/Multi-Location	PD-6WCL	10% - 100%
	Diva® Series 150W LED/CFL Single Pole/3-Way Dimmer	DVCL-153P	10% - 100%
	Diva® 600W Single Pole Incandescent/Halogen Preset Dimmer	DV-600P	5% - 100%
	Diva® 600VA/450W Single Pole Magnetic Low Voltage Dimmer	DVLV-600P	5% - 100%
	Skylark® Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer	S-600P	5% - 100%
	Lumea™ 600W Single Pole/3-Way Incandescent/Halogen Preset Dimmer	LG-603P	5% - 100%
Leviton	Decora® Universal Toggle Slide Dimmer with Locator Light, 300W LED/CFL or 600W Incandescent/Halogen, Single Pole/3-Way	TSL06-1LW	10% - 100%
Legrand	radiant® Tru-Universal Dimmer, 450W LED/CFL or 700W Incandescent/Halogen, Single Pole/3-Way	RHCL-453P	10% - 100%

***NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details**

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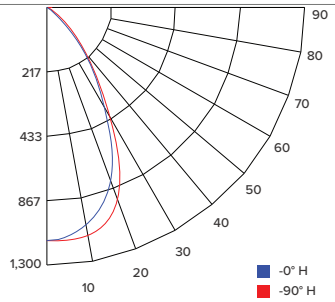
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KOTO™ LED MODULE

PHOTOMETRIC REPORT

Product #: ELK0730
Wattage / Lumens: 10.6W / 813.8 lm
Luminaire LPW: 76.7 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1186
5	1188
15	1004
25	536
35	254
45	93
55	27
65	12
75	6
85	3
90	1

ILLUMINANCE AT A DISTANCE

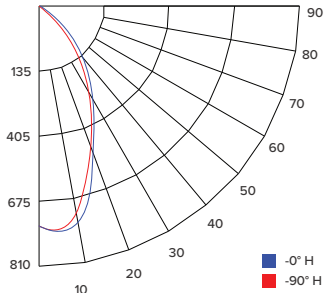
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	74.1	3.2′
6′	32.9	4.8′
8′	18.5	6.4′
10′	11.9	8.0′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	580.1	71.3
0-40°	714.6	87.8
0-60°	797.0	98
0-90°	813.5	100

PHOTOMETRIC REPORT

Product #: ELK09SD
Wattage / Lumens: 10.9W / 605.1 lm
Luminaire LPW: 55.5 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	731
5	751
15	640
25	337
35	175
45	79
55	23
65	10
75	4
85	1
90	0

ILLUMINANCE AT A DISTANCE

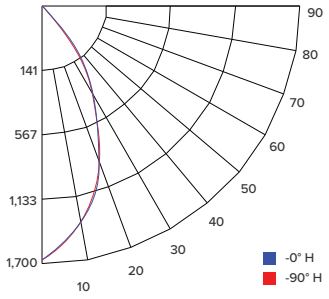
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	45.7	3.1′
6′	20.3	4.7′
8′	11.4	6.2′
10′	7.31	7.8′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	402.9	66.6
0-40°	510.3	84.4
0-60°	588.6	97.3
0-90°	601.9	99.5

PHOTOMETRIC REPORT

Product #: ELK1127
Wattage / Lumens: 12.5W / 1086.2 lm
Luminaire LPW: 86.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1606
5	1542
15	1297
25	723
35	338
45	128
55	42
65	17
75	8
85	3
90	1

ILLUMINANCE AT A DISTANCE

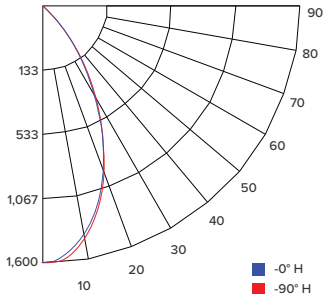
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	100	3.2′
6′	44.6	4.8′
8′	25.1	6.4′
10′	16.1	7.9′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	757.2	70.6
0-40°	933.9	87.1
0-60°	1,045.2	97.5
0-90°	1,066.1	99.4

PHOTOMETRIC REPORT

Product #: ELK1330
Wattage / Lumens: 11.8W / 1312.2 lm
Luminaire LPW: 111.2 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1575
5	1497
15	1224
25	824
35	377
45	142
55	35
65	9
75	2
85	1
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	98.4	4.0′
6′	43.8	6.0′
8′	24.6	8.0′
10′	15.8	10.0′

ZONAL LUMEN SUMMARY

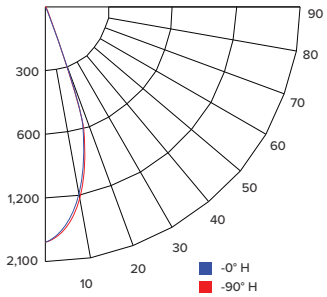
Zone	Lumens	%Luminaire
0-30°	879.8	67.1
0-40°	1,140.2	86.9
0-60°	1,298.7	99
0-90°	1,311.4	100

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KOTO™ LED MODULE

PHOTOMETRIC REPORT

Product #: ELK08CT5 @3500K
Wattage / Lumens: 10.19W / 902.5 lm
Luminaire LPW: 88.5 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1999
5	1840
15	1126
25	372
35	83
45	35
55	20
65	11
75	7
85	6
90	6

ILLUMINANCE AT A DISTANCE

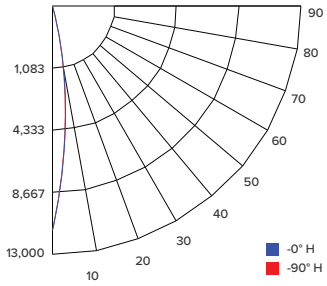
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	124.9	2.6′
6′	55.5	3.8′
8′	31.2	5.1′
10′	20.0	6.4′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	720.4	79.9
0-40°	786.4	87.2
0-60°	835.1	92.6
0-90°	860.9	95.4

PHOTOMETRIC REPORT

Product #: ELK0830-NSP
Wattage / Lumens: 15.8W / 871.4 lm
Luminaire LPW: 55.1 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	10979
5	4622
15	413
25	89
35	32
45	17
55	13
65	9
75	5
85	0
90	0

ILLUMINANCE AT A DISTANCE

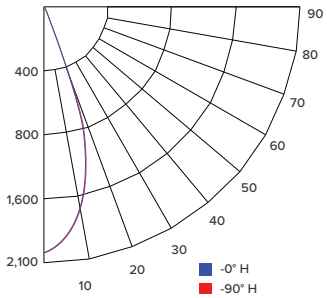
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	686	0.8′
6′	305	1.2′
8′	172	1.6′
10′	110	2.0′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	783.9	90.2
0-40°	809.4	93.2
0-60°	836.1	96.2
0-90°	852.2	98.1

PHOTOMETRIC REPORT

Product #: ELK10CT5 @4000K
Wattage / Lumens: 12.19W / 1043.6 lm
Luminaire LPW: 85.6 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	2348
5	2177
15	1349
25	455
35	101
45	41
55	22
65	12
75	7
85	5
90	5

ILLUMINANCE AT A DISTANCE

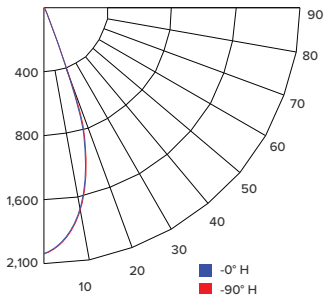
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	146.7	2.6′
6′	65.2	3.9′
8′	36.6	5.2′
10′	23.4	6.5′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	849.4	81.4
0-40°	926.5	88.8
0-60°	981.4	94.1
0-90°	1,006.3	96.5

PHOTOMETRIC REPORT

Product #: ELK10CT5 @5000K
Wattage / Lumens: 12.3W / 1032.7 lm
Luminaire LPW: 83.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	2297
5	2078
15	1210
25	368
35	79
45	36
55	20
65	11
75	6
85	5
90	5

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	143.5	2.6′
6′	63.8	3.9′
8′	35.8	5.2′
10′	22.9	6.5′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	837.9	81.2
0-40°	917.0	88.8
0-60°	971.5	94.1
0-90°	996.1	96.5

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