

Sky Panels™

Surface Mount LED Downlights

ELCO Lighting
The Best Choice in Lighting

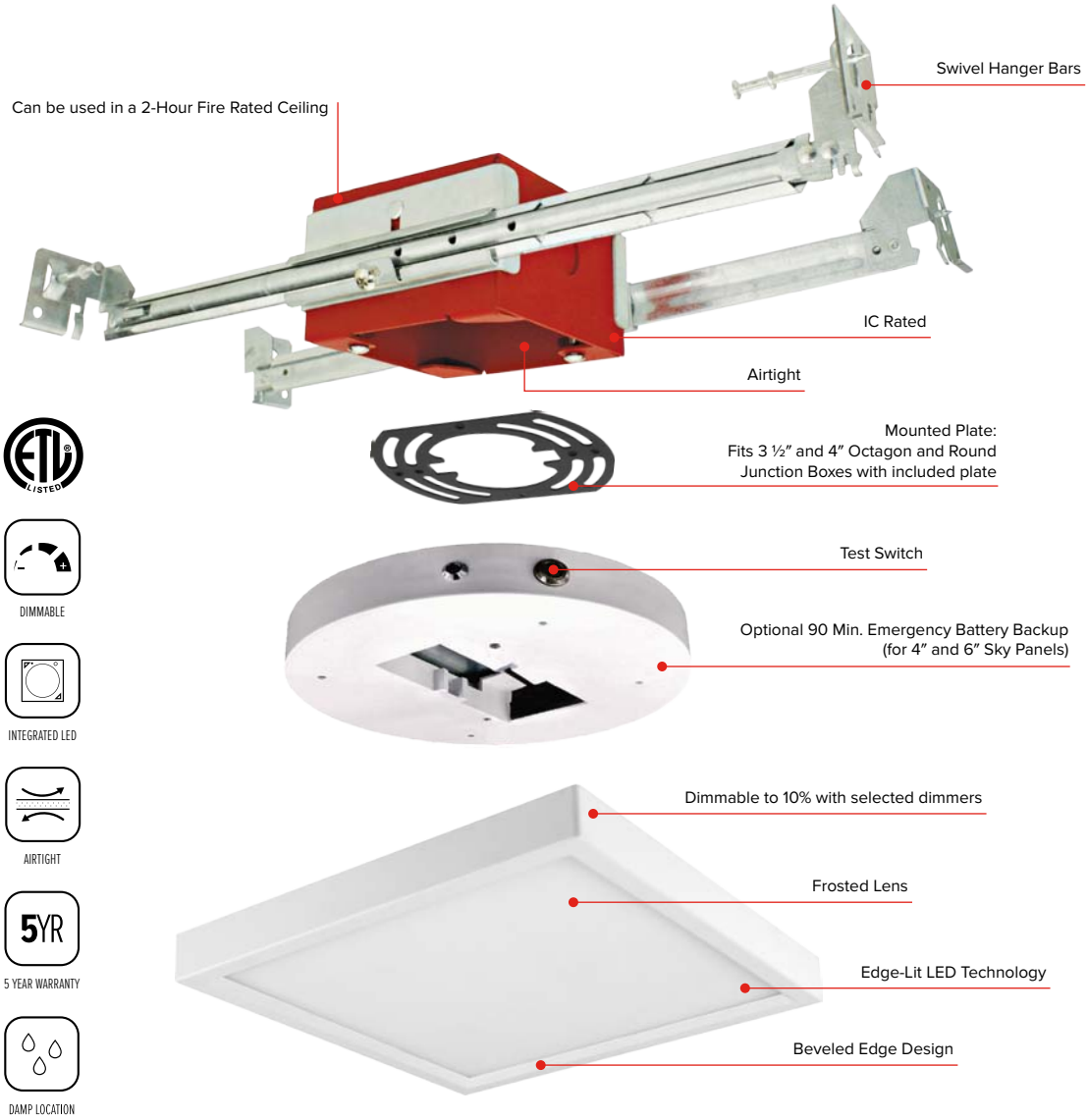


The **Sky** Panels™

The ELCO Sky Panels™ were designed to replicate a small skylight using energy-efficient technology. Their smooth, even glow comes from edge-lit LED technology and glare control lens, suitable for any application. Our Sky Panels™ have a subtle thickness of ⅝″ and can be easily installed into 3 ½″ and 4″ Octagon, Round or Square junction boxes, as well fits on 4″ and 6″ Recessed Housings with optional accessories.

The **Sky Panels**™

Surface Mount **Edge-Lit** Downlights



ENERGY STAR

ETL LISTED

JA8 TITLE 24 COMPLIANT

DIMMABLE

90+ CRI

INTEGRATED LED

IC RATED

AIRTIGHT

50K HRS 50,000 HOURS

5YR 5 YEAR WARRANTY

WET LOCATION

DAMP LOCATION

SIZES / STYLES

4" - 12" Round Sky Panels™

4" - 12" Square Sky Panels™

12"x24" - 24"x48" Sky Panels™ XL

FINISHES

White

Black

LUMENS

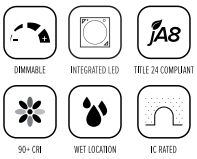
600 lm to 4000 lm

COLOR TEMPERATURE

2700K - 5000K

Round LED
Sky Panels™

120V, Triac/ELV Dimming



- Fits 3 ½″ and 4″ Octagon and Round Junction boxes
- Fits 4″ and 6″ Housings with Optional Accessories (ELSPMNT468)
- Dimmable to 10% with select dimmers
- Edge-lit LED technology with glare control lens
- ETL listed
- IC Rated and Wet Location Rated
- JA8 2022 Compliant

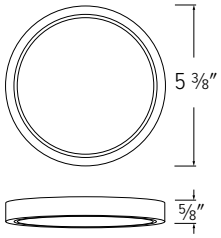


White
ELSP43CT5W
600 lm
2700K - 5000K
10W

Black
ELSP43CT5B
600 lm
2700K - 5000K
10W

4″ Round Sky Panel™

Input Power	10W
Lumens	600 lm
Color Temp.	2700K - 5000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV



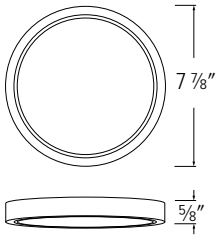


White
ELSP63CT5W
900 lm
2700K - 5000K
15W

Black
ELSP63CT5B
900 lm
2700K - 5000K
15W

6″ Round Sky Panel™

Input Power	15W
Lumens	900 lm
Color Temp.	2700K - 5000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV



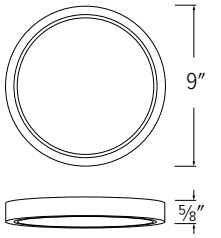


White
ELSP8327W **ELSP83CT3W**
1150 lm 1200 lm
2700K 3000K - 4000K
18W 18W

Black
ELSP8327B **ELSP83CT3B**
1150 lm 1200 lm
2700K 3000K - 4000K
18W 18W

8″ Round Sky Panel™

Input Power	18W
Lumens	1150 - 1200 lm
Color Temp.	2700K - 4000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV



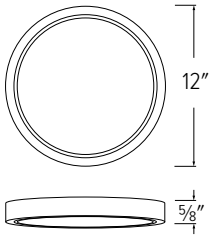


White
ELSP12CT5W
1450 lm
2700K - 5000K
22W

Black
ELSP12CT5B
1450 lm
2700K - 5000K
22W

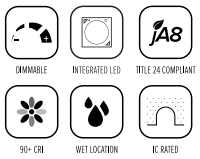
12″ Round Sky Panel™

Input Power	22W
Lumens	1450 lm
Color Temp.	2700K - 5000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV



Square LED
Sky Panels™

120V, Triac/ELV Dimming

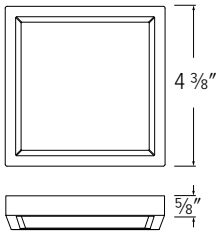


- Fits 3 ½" and 4" Octagon and Round Junction boxes
- Fits 4" and 6" Housings with Optional Accessories (ELSPMNT468)
- Dimmable to 10% with select dimmers
- Edge-lit LED technology with glare control lens
- ETL listed
- IC Rated and Wet Location Rated
- JA8 2022 Compliant



4" Square Sky Panel™

Input Power	10W
Lumens	600 - 650 lm
Color Temp.	3000K - 4000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV

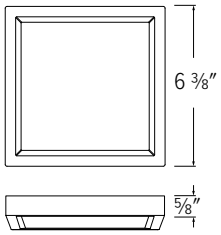


White		Black	
ELSP4430W	**ELSP4440W**	**ELSP4430B**	**ELSP4440B**
600 lm	650 lm	600 lm	650 lm
3000K	4000K	3000K	4000K
10W	10W	10W	10W



6" Square Sky Panel™

Input Power	15W
Lumens	900 lm
Color Temp.	2700K - 5000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV

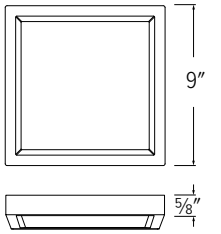


White	Black
ELSP66CT5W	**ELSP66CT5B**
900 lm	900 lm
2700K - 5000K	2700K - 5000K
15W	15W



8" Square Sky Panel™

Input Power	18W
Lumens	1200 - 1300 lm
Color Temp.	3000K - 4000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV

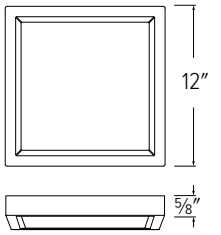


White		Black	
ELSP8830W	**ELSP8840W**	**ELSP8830B**	**ELSP8840B**
1200 lm	1300 lm	1200 lm	1300 lm
3000K	4000K	3000K	4000K
18W	18W	18W	18W



12" Square Sky Panel™

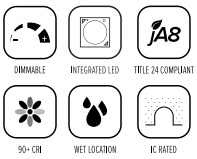
Input Power	22W
Lumens	1450 lm
Color Temp.	2700K - 5000K
CRI	90+
Voltage	120V
Wet Location	ETL listed
Dimmable	Triac/ELV



White	Black
ELSP22CT5W	**ELSP22CT5B**
1450 lm	1450 lm
2700K - 5000K	2700K - 5000K
22W	22W

0-10V Round LED Sky Panels™

120/277V, 0-10V Dimming



- Fits 3 ½" and 4" Octagon and Round Junction boxes
- Fits 4" and 6" Housings with Optional Accessories (ELSPMNT468)
- Dimmable to 10% with select dimmers
- Edge-lit LED technology with glare control lens
- ETL listed
- IC Rated and Wet Location Rated
- JA8 2022 Compliant

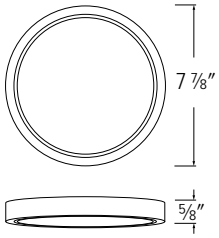


White
ELSP63DXCT3W
1000 lm
3000K, 4000K, 5000K
14W

Black
ELSP63DXCT3B
1000 lm
3000K, 4000K, 5000K
14W

6" Round 0-10V Sky Panel™

Input Power	14W
Lumens	1000 lm
Color Temp.	3000K - 4000K
CRI	90+
Voltage	120/277V
Wet Location	ETL listed
Dimmable	0-10V



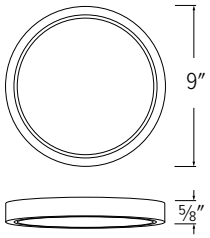


White
ELSP83DXCT3W
1400 lm
3000K, 4000K, 5000K
17W

Black
ELSP83DXCT3B
1400 lm
3000K, 4000K, 5000K
17W

8" Round 0-10V Sky Panel™

Input Power	17W
Lumens	1400 lm
Color Temp.	3000K - 4000K
CRI	90+
Voltage	120/277V
Wet Location	ETL listed
Dimmable	0-10V



LED
Sky Panels™ XL

120V, Triac/ELV Dimming



- Fits 3 ½″ and 4″ Octagon and Round Junction boxes
- Designed to be Surface Mounted (no additional accessories), Recessed Mounted in T-Bar/Grid ceilings (with ELSPRM), or Pendant Mounted (with ELSPRM + ELSPPD)
- Edge-lit LED technology with glare control lens
- ETL listed. IC Rated and Damp Location Rated
- JA8 2022 Compliant

White

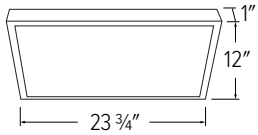
ELSP1224CT5W

2000 lm
3000K, 3500K, 4000K, 4500K, 5000K
22W

12″x24″ Sky Panel™ XL

5-CCT SWITCH

Input Power	22W
Lumens	2000 lm
Color Temp.	3000K - 5000K
CRI	90+
Voltage	120V
Damp Location	ETL listed
Dimmable	Triac/ELV



White

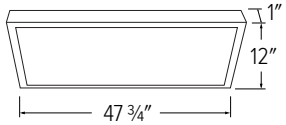
ELSP1248CT5W

4000 lm
2700K, 3000K, 3500K, 4000K, 5000K
40W

12″x48″ Sky Panel™ XL

3-CCT SWITCH

Input Power	40W
Lumens	4000 lm
Color Temp.	2700K - 5000K
CRI	90+
Voltage	120V
Damp Location	ETL listed
Dimmable	Triac/ELV



White

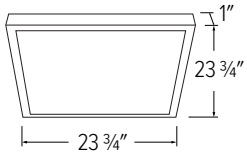
ELSP2424CT3W

4000 lm
3000K, 4000K, 5000K
40W

24″x24″ Sky Panel™ XL

3-CCT SWITCH

Input Power	40W
Lumens	4000 lm
Color Temp.	3000K - 5000K
CRI	90+
Voltage	120V
Damp Location	ETL listed
Dimmable	Triac/ELV





White

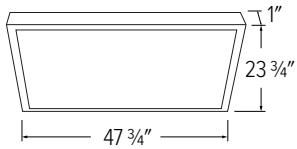
ELSP2448CT5W

4000 lm
2700K, 3000K, 3500K, 4000K, 5000K
40W

24″x48″ Sky Panel™ XL

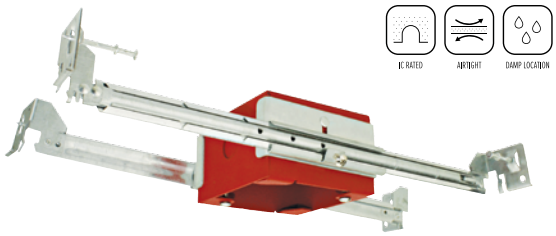
3-CCT SWITCH

Input Power	40W
Lumens	4000 lm
Color Temp.	2700K - 5000K
CRI	90+
Voltage	120V
Damp Location	ETL listed
Dimmable	Triac/ELV



Sky Panels™
Compatible Junction Boxes

Maximum 2-Hour Fire Rated ceiling assembly can be maintained when installed according to the International Building Code, Section 714



Square IC Airtight New Construction Junction Box with Adjustable Bracket

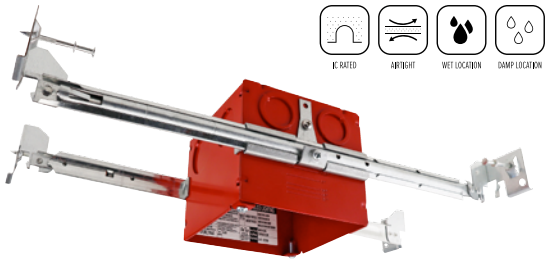
ELJ4S 3 ¾″ Sq x 2 ⅜″ H

- Height adjustable bracket for flush alignment even after mounting
- IC Airtight for direct contact with insulation
- UL listed under UL 514A Standards as a metalic outlet box
- Low profile making it ideal in shallow plenum applications

Square Junction Boxes

ELJ332 3 ¾″ Sq x 2 ⅜″ H
ELJ441 4″ Sq x 1 ½″ H
ELJ442 4″ Sq x 2 ⅛″ H





4″ Square IC Airtight Junction Box with Hanger Bars

EJB44ICA 4″ Sq x 3 ½″ H

- IC Airtight for direct contact with insulation
- UL listed metalic box
- Fire alarm applicable

4″ Square IC Airtight Junction Box

ELJ443 4″ Sq x 3 ½″ H



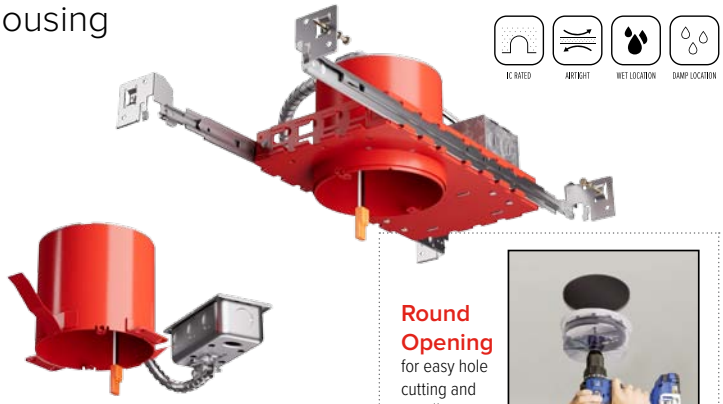
4″ New Construction IC Airtight Housing

EJB4ICA 4″ O.D. x 4 ½″ H

- Junction Box with hanger bars
- Round opening for easy hole cutting
- IC Airtight for direct contact with insulation
- Covered by U.S. Patents

4″ Remodel IC Airtight Housing

EJB4RICA 4″ O.D. x 4 ½″ H



Round Opening for easy hole cutting and installation

Other Compatible Junction Boxes

3 ½″ & 4″ Octagon Steel Junction Boxes

4″ Sq. x 1 ½″
4″ Sq. x 2 ⅛″
3 ½″ Sq. x 1 ½″



4″ Round Surface Mount Box

4″ O.D. x 1 ½″



3 ½″ Round Old Work (Non-Metallic)

4 ¼″ O.D. x 3 ½″ I.D. x 2 ⅝″



3 ½″ & 4″ Round New Work (Non-Metallic)

4″ O.D. x 2 3⁄16″
3 ½″ O.D. x 2 ¾″



Sky Panels™
Accessories

Accessories for 4″ & 6″ LED Sky Panels™

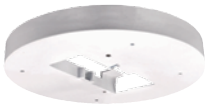


Emergency Battery Back-Up

KEM-ELSW

15W, Up to 900 lm of emergency output, 90 min. of emergency light. Test switch and charge rate indicator. 24-hr recharge time. ETL listed, ENERGY STAR, JA8, Title 24 Certified. 120V, 50/60Hz. 8″ O.D. x 1 ⅛″ H.

Empty Emergency Battery Casing



KMTH-ELSW

Empty casing only. Emergency Battery NOT included.

Accessories for LED Sky Panels™



Mounting Accessories

ELSPMNT468

Mounting accessories for 4″ & 6″ recessed housings.



Hard Wire Adapter

PSA38

Hard wire adapter to male quick connect terminal.



Rewiring Kit

PSA38-22

Rewiring kit to male quick connect terminal.

Accessories for LED Sky Panels™ XL



Recessed Mount Junction Box

ELSPRM

Recessed Mount junction box for use with Sky Panels XL only. 4″ L x 3 ⅜″ W x ⅞″ H.



Pendant Mounting Kit

ELSPPD

Pendant mounting kit. Installation requires ELSPRM junction box.



Dimmer Compatibility Chart

Manufacturer	Product	Part Number	Dimmed Light Output Range
120V Only			
Leviton	Decora SureSlide® Single Pole with Slide-To-Off	6672	10% - 100%
	Trimatron Deluxe Push ON/Push OFF 600W Rotary Dimmer	6681	10% - 100%
Lutron	Skylark Contour® Series 150W Single Pole/3-Way Dimmer	CTCL-153P	10% - 100%
	DIVA® Series 150W Single Pole/3-Way Dimmer	DVCL-153P	10% - 100%
	Lumea® 150W Single Pole/3-Way with Present ON/OFF Switch	LGCL-153P	10% - 100%
	Maestro® Series 150W Single Pole/3-Way/Multi-Location Dimmer	MACL-153M	10% - 100%
	Caseta Wireless Dimmer 150W	PD-6WCL	10% - 100%
	Skylark® Series 600W Single Pole	S-600P	10% - 100%
	Ariadni®/Toggler® Series 150W Single Pole/3-Way Dimmer	TGCL-153P	10% - 100%
0-10V - 120/277V			
Leviton	Diva, 120/277V, 50/60Hz, 0-10V for LED/Fluorescent Ballast, Single Pole, 3-Way, Class 1 or Class 2 Wiring, Indoor Application	DS710	1% - 100%
Lutron	Decora Slide, 120/277V, 50/60Hz, 0-10V for LED/Fluorescent Ballast, Single Pole, 3-Way, Class 1 or Class 2 Wiring	DVSTV	1% - 100%

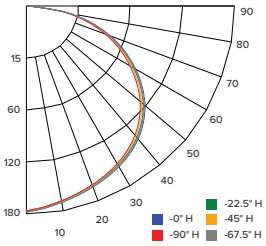
For Reference Only: Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer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

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

Photometric Report

PHOTOMETRIC REPORT

Product #: ELSP43CT5 @2700K
Wattage / Lumens: 9.7W / 505.7 lm
Luminaire LPW: 51.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	175
5	174
15	169
25	159
35	143
45	121
55	96
65	67
75	37
85	10
90	0

ILLUMINANCE AT A DISTANCE

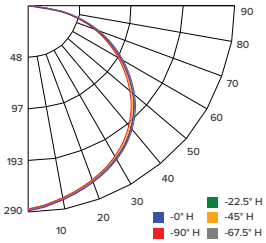
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	10.9	12.1′
6′	4.86	18.2′
8′	2.73	24.3′
10′	1.75	30.3′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	136.5	27
0-40°	224.4	44.4
0-60°	398.4	78.8
0-90°	505.6	100

PHOTOMETRIC REPORT

Product #: ELSP66CT5 @3000K
Wattage / Lumens: 14.1W / 818.1 lm
Luminaire LPW: 58 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	283
5	282
15	273
25	255
35	228
45	193
55	152
65	104
75	56
85	12
90	0

ILLUMINANCE AT A DISTANCE

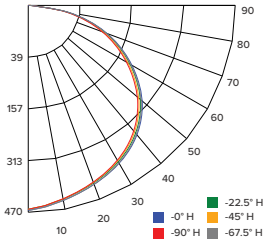
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	17.6	12.1′
6′	7.86	18.2′
8′	4.42	24.3′
10′	2.83	30.4′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	220.9	27
0-40°	362.9	44.4
0-60°	644.9	78.8
0-90°	818.1	100

PHOTOMETRIC REPORT

Product #: ELSP12CT5 @3500K
Wattage / Lumens: 21.3W / 1347.5 lm
Luminaire LPW: 63.2 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	460
5	458
15	443
25	413
35	369
45	312
55	244
65	169
75	93
85	23
90	1

ILLUMINANCE AT A DISTANCE

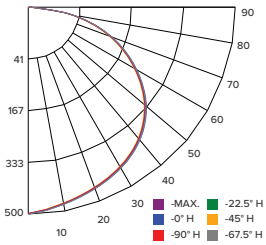
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	28.7	12.3′
6′	12.8	18.4′
8′	7.19	24.5′
10′	4.60	30.7′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	359.1	26.7
0-40°	590.0	43.8
0-60°	1,049.4	77.9
0-90°	1,347.4	100

PHOTOMETRIC REPORT

Product #: ELSP83DXCT3 @4000K
Wattage / Lumens: 16.7W / 1,497.2 lm
Luminaire LPW: 89.5 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	494
5	491
15	472
25	439
35	391
45	330
55	257
65	176
75	94
85	21
90	1

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	30.9	13.0′
6′	13.7	19.5′
8′	7.73	26.0′
10′	4.94	32.5′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	387.9	25.9
0-40°	639.8	42.7
0-60°	1,150.7	76.9
0-90°	1,497.1	100

ELCAT1052_A



ELCO Lighting

Corporate Headquarters

2042 E. Vernon Ave.
Vernon, CA 90058
Tel: 323.231.2600
Fax: 323.231.3200
elcolighting.com

Customer Service

Tel: 800.522.2626
Fax: 800.644.2626
orderdesk@elcolighting.com
customerservice@elcolighting.com
sales@elcolighting.com

Printed in the U.S.A. 09.23
$8.00

© ELCO Lighting. The marks appearing in this catalog are registered trademarks of ELCO Lighting. Other marks used herein are recognized trademarks of their respective companies. Products shown in this brochure may be covered by U.S. and international patents. Specifications subject to change without notice.