ELCO Lighting

Project Name:
Fixture Type:
Date:

4" 0-10V, TRIAC/ELV DIMMABLE LED DOWNLIGHTS

9.5W, 13.5W, 18W, 2700K-5000K, 850lm, 1400lm, 1800lm



THE PLY™ SYSTEM

0-10V, Triac & ELV dimmable LED Insert that gives you the options you are looking for in one fixture. Engineered with energy-efficient LED technology and with a dimmable driver for a budget friendly solution. Designed to be used for New Construction & Remodel with ELCO Ply™ System Housings.

FEATURES

- IC Airtight rated for direct contact with insulation
- Switch to choose desired color temperature and lumen output
- Life span of 50,000 hours L70
- Encased quick connector for easy-module installation

SET UP

1. Select a Housing.
2. Select a Light Engine.



SPECIFICATIONS

Wattage	**5-CCT/Lumen Switch Option:** Round Insert: 9.5W / 13.5W / 18W Square Insert: 10W / 14W / 18W **Adjustable Inserts:** 10.5W - 12.6W
Lumens	**5-CCT/Lumen Switch Option:** Round Insert: 850 / 1000 / 1500 lm Square Insert: 1000 / 1400 / 1800 lm **Adjustable Inserts:** 650 lm - 900 lm
Voltage	120V, 120/277V
Color Temp.	27K, 30K, 35K, 40K, 50K
CRI	90+
Damp Location	ETL Listed Adjustable Trims
Wet Location	ETL Listed Fixed Trims
Dimming	0-10V, Triac/ELV 0-10V/Triac/ELV
Finishes	White Black Bronze Haze Haze/White

2042 E. Vernon Ave., Vernon, CA 90058 • Tel (323) 231-2600 Fax (323) 231-3200 • elcolighting.com
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PLY™ PRODUCT NUMBER BUILDER

✦ = ELCO's Choice

1. Specify housing part number

4" PLY™ DEDICATED LED HOUSINGS

IC HOUSINGS Example: EL490ICDXA

ITEM	HEIGHT	HOUSING	VOLTAGE/DIMMING	OPTIONAL
EL4				
EL4	**90**[4] Standard. 5 ½" Height **8F**[1] 2-hr. Fire Rated. 6 ⅞" Height	**(Blank)**✦ New Construction **R** Remodel **AJ** R-60 Foam Insulation	**ICDXA** 120/277V, 0-10V/Triac/ELV	**(Blank)** No EM **-EM5**[2] 25W Emergency Backup **-EM7**[3] 14W Emergency Backup
	[1] Available as New Construction housing only [4]Collar adjustable up to 2 ¼" ceiling thickness	✦ = ELCO's Choice		[2] Access above the ceiling required for fire rated [3] For R-60 foam insulation housing only

2. Specify insert part number

4" PLY™ INSERTS

FIXED DOWNLIGHTS

LUMEN Switch CCT SWITCH

ITEM	STYLE	COLOR TEMPERATURE	DIMMING	FINISH
EL4				
EL4	**75**[1] Round Reflector **87**[2] Square Reflector	**CT5**[3] 27K, 30K, 35K, 40K, 50K	**(Blank)**[4] 0-10V/Triac/ELV **D**[5] 0-10V	**W**✦ All White **BB** All Black **H**[6] All Haze **HW**[6] Haze/White
	[1] Lumen Switch (Wattage): 850 lm (9.5W), 1000 lm (13.5W), 1500 lm (18W) [2] Lumen Switch (Wattage): 1000 lm (10W), 1400 lm (14W), 1800 lm (18W)	[3] Manual switch to choose desired Color Temperature and Lumen Output	[4] For square reflector only [5] For round reflector only	✦ = ELCO's Choice [6] For round reflector only

ADJUSTABLE DOWNLIGHTS

LUMEN Switch CCT SWITCH

ITEM	STYLE	COLOR TEMPERATURE	DIMMING	FINISH
EL4				
EL4	**14**[1] Round Adj. Gimbal **97**[2]✦ Round Pull-Down **47**[2] Square Pull-Down	**27** 2700K **30**✦ 3000K **35**[3] 3500K	**DX** 0-10V/Triac/ELV	**W**✦ All White **B** All Black **BZ**[4] All Bronze
	✦ = ELCO's Choice [1] 10.5W. Lumens (Color Temperature): 650 lm (27K), 680 lm (30K), 710 lm (35K). 60° Beam Angle [2] 12.6W. Lumens (Color Temperature): 850 lm (27K), 900 lm (30K). 36° Beam Angle	✦ = ELCO's Choice [3] Not available for Pull-Down options		✦ = ELCO's Choice [4] For Round and Square Adjustable Pull-Down only

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TRIAC/ELV PLY™ PRODUCT NUMBER BUILDER

✦ = ELCO's Choice

1. Specify housing part number

4" TRIAC/ELV PLY™ DEDICATED LED HOUSINGS

IC HOUSINGS Example: EL490ICA

ITEM	HEIGHT	HOUSING	VOLTAGE/DIMMING	OPTIONAL
EL4				
EL4	**90** Standard. 5 ½" Height **8F**[1] 2 hr. Fire Rated. 6 ⅞" Height	**(Blank)**[2] ✦ New Construction **R**[3] Remodel **AJ**[4] R-60 Foam Insulation	**ICA** 120V, Triac/ELV	**(Blank)** No EM **-EM5**[5] 25W Emergency Backup **-EM**[6] Emergency Backup **-EM7**[7] 14W Emergency Backup
	✦ = ELCO's Choice [1] Available as New Construction housing only [2] EL490: Collar adjustable up to 2 ¼" ceiling thickness [3] EL490R: Collar adjustable up to 1 ¼" ceiling thickness [4] EL490AJ: Collar adjustable up to 1 ½" ceiling thickness			[5] For New Construction Housing only [6] For Fire Rated New Construction Housing. Access above the ceiling required [7] For R-60 foam insulation housing only

2. Specify insert part number

4" TRIAC/ELV PLY™ INSERTS

FIXED TRIMS

LUMEN Switch CCT SWITCH

ITEM	STYLE	COLOR TEMPERATURE	FINISH
EL4			
EL4	**27** Round Reflector **34** Square Reflector	**CT5** 27K, 30K, 35K, 40K, 50K	**W** All White **BB** All Black **HW**[1] Haze/White
			[1] For Round Reflector only

ADJUSTABLE TRIMS

LUMEN Switch CCT SWITCH

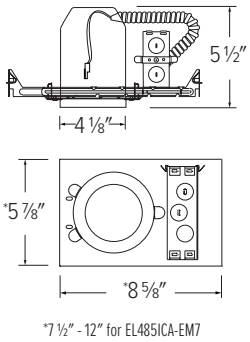
ITEM	STYLE	COLOR TEMPERATURE	FINISH	GENERATION
EL4				
EL4	**14** Round Adjustable Gimbal **97** Round Pull-Down **47**[1] Square Pull-Down	**27**[2] 2700K **30**[2] 3000K **CT5** 27K, 30K, 35K, 40K, 50K	**W** All White **B** All Black **BZ**[3] All Bronze	**(Blank)**[4] N/A **2**[5] Second Generation
	[1] Not available with CT5 color temperature option	[2] For Square Pull-Down only	[3] For Adjustable Gimbal and Square Pull-Down 3000K options only	[4] For Adjustable Gimbal & Square Pull-Down only [5] For Round Pull-Down only

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PRODUCT DIMENSIONS

0-10V PLY™ LED HOUSINGS

4″ Triac/ELV NEW CONSTRUCTION HOUSING



*7 ½″ - 12″ for EL485ICA-EM7

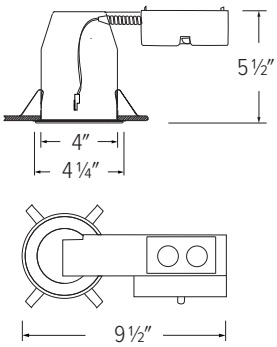
EL490ICA



EL490ICDXA



4″ Triac/ELV REMODEL HOUSING



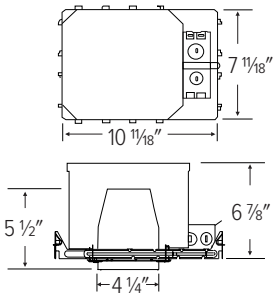
EL490RICA

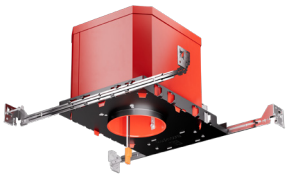


EL490RICDXA

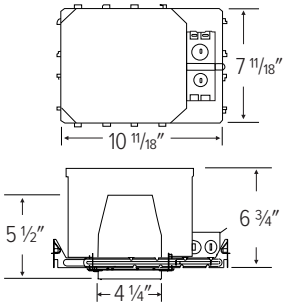


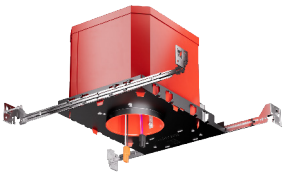
4″ Triac/ELV PLY™ 2-HOUR FIRE RATED HOUSING
EL48FICA



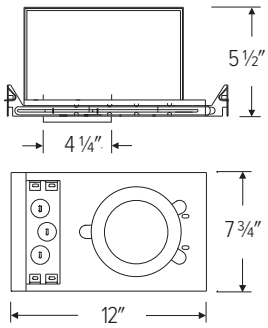


4″ 0-10V/Triac/ELV PLY™ 2-HOUR FIRE RATED HOUSING
EL48FICDXA

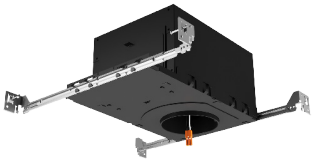




4″ Triac/ELV R-60 FOAM INSULATED NEW CONSTRUCTION HOUSING



EL490AJICA



EL490AJICDXA

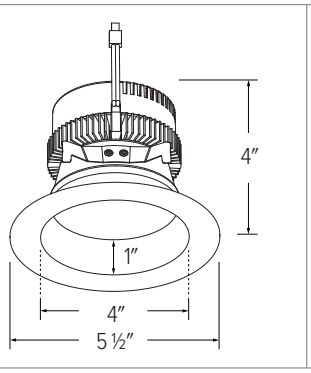


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PRODUCT DIMENSIONS

PLY™ ROUND & SQUARE TRIMS

EL427CT5 - 4″ ROUND LED REFLECTOR WITH 5-CCT & LUMEN SWITCH







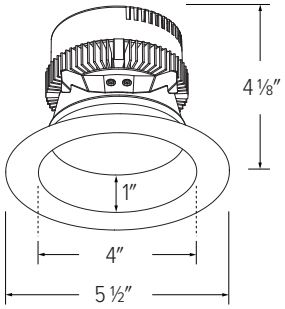
W (All White)



BB (All Black)

HW (Haze/White)

EL475CT5D - 4″ ROUND FIXED REFLECTOR WITH 5-CCT & LUMEN SWITCH







W (All White)



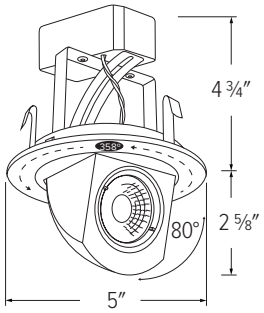
BB (All Black)



H (All Haze)

HW (Haze/White)

EL497CT5 - 4″ Triac/ELV ROUND ADJUSTABLE PULL-DOWN (2ND GENERATION)





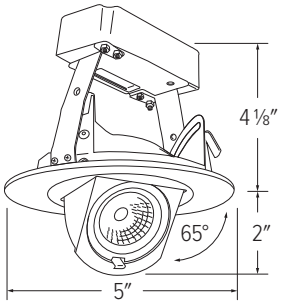


W2 (All White)



B2 (All Black)

EL497 - 4″ 0-10V/Triac/ELV ROUND ADJUSTABLE PULL-DOWN







W (All White)

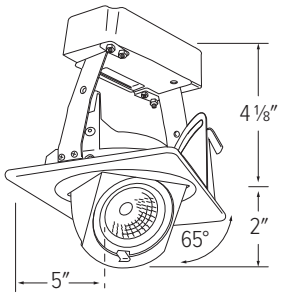


B (All Black)



BZ (All Bronze)

EL44727/30DX - 4″ 0-10V/Triac/ELV SQUARE ADJUSTABLE PULL-DOWN







W (All White)

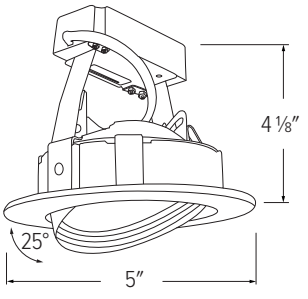


B (All Black)



BZ (All Bronze)

EL414 - 4″ 0-10V/Triac/ELV ROUND ADJUSTABLE GIMBAL







W (All White)



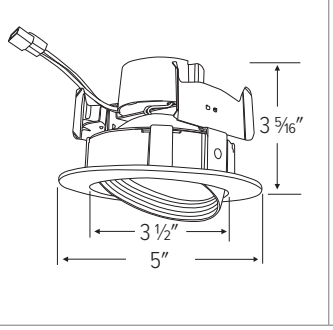
B (All Black)

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PRODUCT DIMENSIONS

PLY™ ROUND & SQUARE TRIMS

EL414CT5 - 4″ Triac/ELV ROUND BAFFLE ADJUSTABLE GIMBAL WITH 5-CCT SWITCH







W (All White)

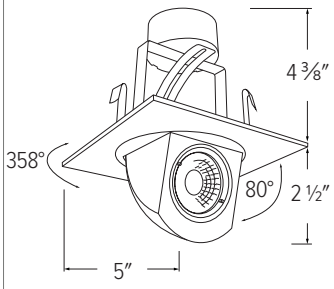


B (All Black)



BZ (All Bronze)

EL447 - 4″ Triac/ELV SQUARE ADJUSTABLE PULL-DOWN







W (All White)

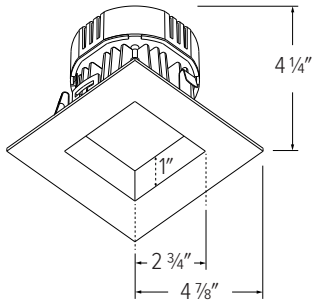


B (All Black)



BZ (All Bronze)

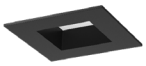
EL487CT5 - 4″ 0-10V/Triac/ELV SQUARE FIXED REFLECTOR WITH 5-CCT & LUMEN SWITCH





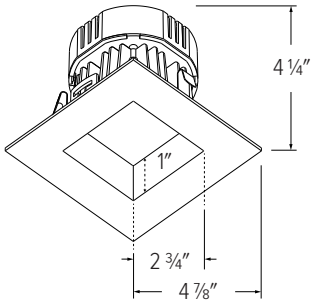


W (All White)



BB (All Black)

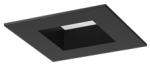
EL434CT5 - 4″ Triac/ELV SQUARE REFLECTOR WITH 5-CCT & LUMEN SWITCH







W (All White)



BB (All Black)

ACCESSORIES

HANGER BARS FOR PLY™ BUTTERFLY NEW CONSTRUCTION HOUSINGS



FB27

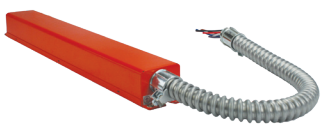
27″ Flat Hanger Bars for Wood Construction (Set of 2)



CH26

26″ C-Channel Hanger Bars for T-Bar Ceilings (Set of 2)

EMERGENCY BATTERY BACKUP



KEM-LD5

90 minutes of emergency operation.

0°C to 50°C operating temperature.
Input: 120/277VAC, 50-60Hz, 25W Max

Output: ~110VDC (120VAC input)/ ~270VDC (277VAC input)
Charging time: 36 hours
cUL listed
California Title 20 Compliant

INTERCHANGEABLE LENS



EP712C
60° Beam

EP710C
20° Beam

For EL497 & EL447 series only

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TECHNICAL DETAILS

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

Construction (Housing): Single wall IC rated for direct contact with insulation, for use in IC or non-IC conditions. Housing adjusts in frame to accommodate up to 1 ¼″ ceiling thickness. Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements. Steel housing for greater heat dissipation. Stamped galvanized steel frame.

Construction (Light Engine): For use in IC and non-IC applications. High quality powder coat prevents rust and cracking.

Installation (Housing): Designed for ceiling plenums where 2x6 joists or taller joists are used. High strength hanger bars can easilty be nailed to joists. Maximum hole cutout is 6 ¼″. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Installation (Remodel): Designed for ceiling plenums where 2x6 joists or taller joists are used. Maximum hole cutout is 4 ¼″. Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Installation (Light Engine): For use with ELCO 4″ Ply™ Housings EL48FICDXA, EL48FICDXA-B, EL490ICDXA, EL490ICDXA-B, EL490ICDXA-EM5, EL490RICDXA.

Junction Box: Positioned to accommodate straight conduit runs. Seven ½″ trade size conduit knockouts, four ¾″ knockouts. Pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed hanger bars with TrueNail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 24″ and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning the housings with the joists.

Input Voltage: 120/277V. Inherently protected. Fixture rated for 24W MAX. LED insert

LED Technology: Extremely accurate color rendering with 90+ CRI. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integral heat sink. Instant On to Full Brightness. No LED pixelation.

Electrical (Light Engine): Driver connects to 120/277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

Dimming: Works with 0-10V dimmers . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List. Industry leading dimming. Dims smoothly with no hot spots or flickering.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Listings: cUL Listed for Damp Location. cUL Listed for Wet Location with select trims. cUL Listed for Feed Through. cUL Listed for Direct Contact with Insulation and Combustible Material. Airtight per ASTM E-283. JA8-2016-E Title 24 Compliant. RoHS Compliant. ENERGY STAR® Certified.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

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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
Lutron	Diva®, 120/277V, 0-10V, Single Pole, 3-Way	DVSTV-WH	10% - 100%
	Nova T®, 120/277V, 0-10V, Single Pole, Slide-to-off	NTSTV-DV-WH	10% - 100%
Philips	Sunrise, 120/277V, 0-10V, LED/CFL, Preset Slider, 3-Way	SR1200ZTUNV	10% - 100%

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

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. 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.

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.

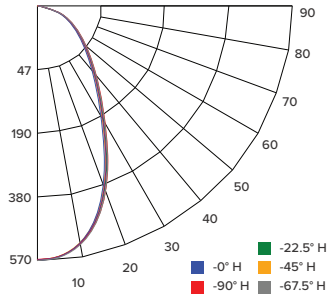
amazon alexa | Google Assistant | Apple HomeKit | INSTEON | LUTRON | wemo

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4" PLY™ SYSTEM

PHOTOMETRIC REPORT

Product: EL487CT5 (10W - 2700K)
Wattage/Lumens: 9.19W / 937.3 lm
Luminare LPW: 101.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	562
5	556
15	517
25	419
35	293
45	186
55	111
65	58
75	29
85	1
90	0

ILLUMINANCE AT A DISTANCE

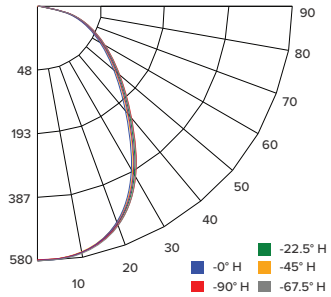
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	35.1	5.9′
6′	15.6	8.9′
8′	8.78	11.8′
10′	5.62	14.8′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	398.4	42.5
0-40°	590.9	63.1
0-60°	841.7	89.8
0-90°	937.2	100

PHOTOMETRIC REPORT

Product: EL487CT5 (10W - 3000K)
Wattage/Lumens: 9.12W / 958.6 lm
Luminare LPW: 105.1 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	574
5	569
15	528
25	428
35	300
45	190
55	113
65	59
75	30
85	1
90	0

ILLUMINANCE AT A DISTANCE

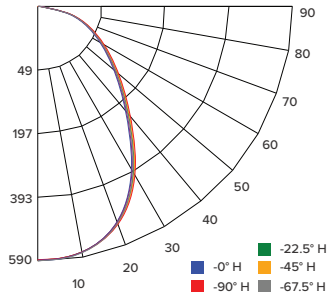
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	35.9	5.9′
6′	16.0	8.9′
8′	8.98	11.8′
10′	5.74	14.8′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	407.2	42.5
0-40°	604.1	63
0-60°	860.8	89.8
0-90°	958.5	100

PHOTOMETRIC REPORT

Product: EL487CT5 (10W - 3500K)
Wattage/Lumens: 9.02W / 980 lm
Luminare LPW: 108.6 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	587
5	581
15	540
25	437
35	307
45	195
55	116
65	61
75	31
85	1
90	0

ILLUMINANCE AT A DISTANCE

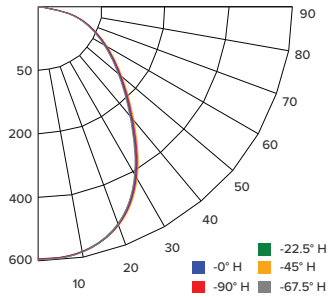
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	36.7	5.9′
6′	16.3	8.9′
8′	9.17	11.9′
10′	5.87	14.9′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	416.0	42,5
0-40°	617.3	63
0-60°	879.9	89.8
0-90°	979.9	100

PHOTOMETRIC REPORT

Product: EL487CT5 (10W - 4000K)
Wattage/Lumens: 9.11W / 987.3 lm
Luminare LPW: 108.3 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	591
5	585
15	543
25	440
35	309
45	196
55	117
65	61
75	31
85	1
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	36.9	5.9′
6′	16.4	8.9′
8′	9.23	11.9′
10′	5.91	14.9′

ZONAL LUMEN SUMMARY

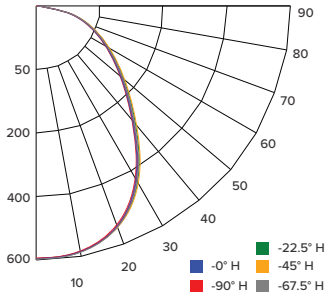
Zone	Lumens	%Luminaire
0-30°	418.9	42.4
0-40°	621.6	63
0-60°	886.3	89.8
0-90°	987.1	100

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4" PLY™ SYSTEM

PHOTOMETRIC REPORT

Product: EL487CT5 (10W - 5000K)
Wattage/Lumens: 9.2W / 991.1 lm
Luminare LPW: 107.7 lm/W



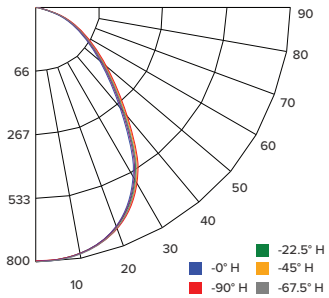
CANDLE POWER SUMMARY	
Degress Vertical	0°
0	821
5	794
15	552
25	238
35	66
45	20
55	9
65	5
75	3
85	0
90	0

ILLUMINANCE AT A DISTANCE		
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	37.0	5.9′
6′	16.4	8.9′
8′	9.25	11.9′
10′	5.92	14.8′

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Luminaire
0-30°	420.0	42.4
0-40°	623.5	62.9
0-60°	101.5	89.8
0-90°	990.9	100

PHOTOMETRIC REPORT

Product: EL487CT5 (14W - 2700K)
Wattage/Lumens: 13.2W / 1328 lm
Luminare LPW: 100.6 lm/W



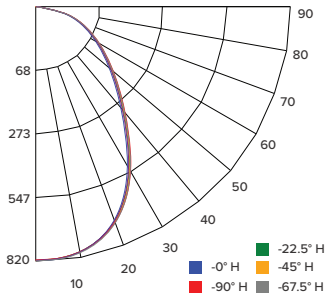
CANDLE POWER SUMMARY	
Degress Vertical	0°
0	796
5	789
15	732
25	593
35	416
45	263
55	157
65	82
75	42
85	1
90	0

ILLUMINANCE AT A DISTANCE		
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	49.8	5.9′
6′	22.1	8.9′
8′	12.4	11.8′
10′	7.96	14.8′

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Luminaire
0-30°	564.5	42.5
0-40°	837.2	63.1
0-60°	1,192.4	89.8
0-90°	1,327.8	100

PHOTOMETRIC REPORT

Product: EL487CT5 (14W - 3000K)
Wattage/Lumens: 13.1W / 1364 lm
Luminare LPW: 104.1 lm/W



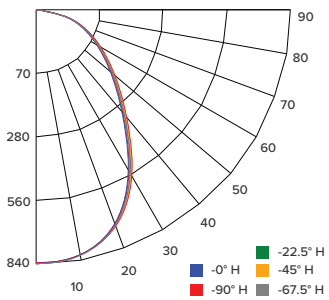
CANDLE POWER SUMMARY	
Degress Vertical	0°
0	818
5	809
15	752
25	609
35	427
45	270
55	161
65	85
75	43
85	1
90	0

ILLUMINANCE AT A DISTANCE		
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	51.1	5.9′
6′	22.7	8.9′
8′	12.8	11.8′
10′	8.18	14.8′

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Luminaire
0-30°	579.5	42.5
0-40°	859.6	63
0-60°	1,224.6	89.8
0-90°	1,363.8	100

PHOTOMETRIC REPORT

Product: EL487CT5 (14W - 3500K)
Wattage/Lumens: 12.9W / 1399.8 lm
Luminare LPW: 108.5 lm/W



CANDLE POWER SUMMARY	
Degress Vertical	0°
0	838
5	830
15	771
25	625
35	438
45	277
55	166
65	87
75	44
85	1
90	0

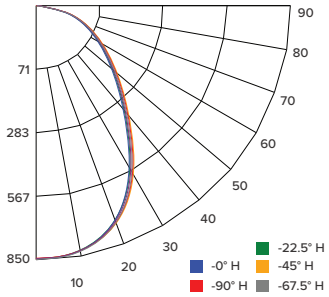
ILLUMINANCE AT A DISTANCE		
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	52.4	5.9′
6′	23.3	8.9′
8′	13.1	11.9′
10′	8.38	14.8′

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Luminaire
0-30°	594.4	42.5
0-40°	881.7	63
0-60°	1,256.6	89.8
0-90°	1,399.6	100

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PHOTOMETRIC REPORT

Product: EL487CT5 (14W - 4000K)
Wattage/Lumens: 13.1W / 1407.6 lm
Luminare LPW: 107.4 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	842
5	834
15	775
25	628
35	441
45	279
55	167
65	87
75	44
85	1
90	0

ILLUMINANCE AT A DISTANCE

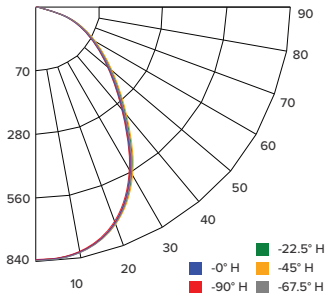
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	52.6	5.9′
6′	23.4	8.9′
8′	13.2	11.9′
10′	8.42	14.9′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	597.3	42.4
0-40°	886.1	63
0-60°	1,263.4	89.8
0-90°	1,407.4	100

PHOTOMETRIC REPORT

Product: EL487CT5 (14W - 5000K)
Wattage/Lumens: 13.3W / 1395.9 lm
Luminare LPW: 104.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	834
5	826
15	767
25	622
35	437
45	277
55	166
65	87
75	44
85	1
90	0

ILLUMINANCE AT A DISTANCE

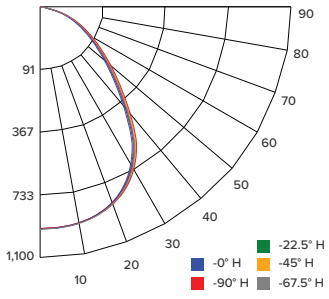
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	52.1	5.9′
6′	23.2	8.9′
8′	13.0	11.8′
10′	8.34	14.8′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	591.7	42.4
0-40°	878.2	62.9
0-60°	1,252.7	89.7
0-90°	1,395.7	100

PHOTOMETRIC REPORT

Product: EL487CT5 (18W - 2700K)
Wattage/Lumens: 17.2W / 1679.3 lm
Luminare LPW: 97.6 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1007
5	997
15	926
25	750
35	526
45	332
55	198
65	104
75	53
85	1
90	0

ILLUMINANCE AT A DISTANCE

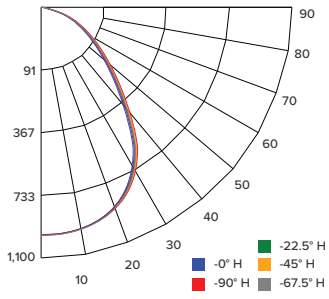
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	62.9	5.9′
6′	28.0	8.9′
8′	15.7	11.8′
10′	10.1	14.8′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	713.9	42.5
0-40°	1,058.7	63.1
0-60°	1,507.6	89.8
0-90°	1,679.0	100

PHOTOMETRIC REPORT

Product: EL487CT5 (18W - 3000K)
Wattage/Lumens: 17.1W / 1733.1 lm
Luminare LPW: 101.3 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1039
5	1028
15	955
25	774
35	542
45	343
55	205
65	107
75	54
85	1
90	0

ILLUMINANCE AT A DISTANCE

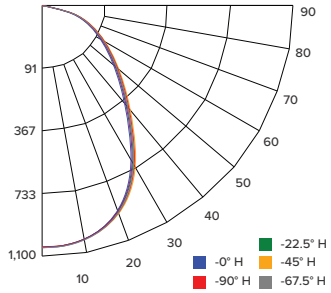
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	64.9	5.9′
6′	28.9	8.9′
8′	16.2	11.8′
10′	10.4	14.8′

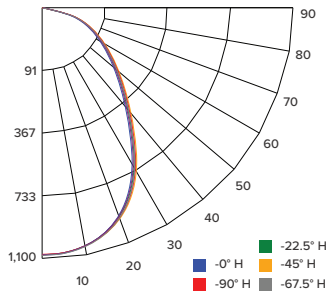
ZONAL LUMEN SUMMARY

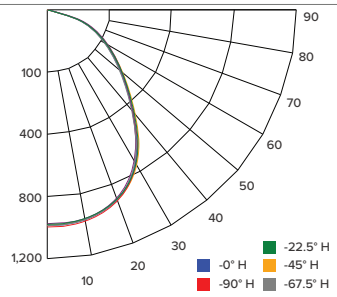
Zone	Lumens	%Luminaire
0-30°	736.5	42.5
0-40°	1,092.3	63
0-60°	1,555.9	89.8
0-90°	1,732.9	100

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4" PLY™ SYSTEM

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product: EL487CT5 (18W - 3500K) Wattage/Lumens: 16.8W / 1789 lm Luminare LPW: 106.4 lm/W	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
	0	1071	4′	67.0	5.9′
	5	1061	6′	29.8	8.9′
	15	985	8′	16.7	11.9′
	25	798	10′	10.7	14.8′
	35	560	ZONAL LUMEN SUMMARY		
	45	354			
	55	211	Zone	Lumens	%Luminaire
	65	111			
	75	56	0-30°	759.7	42.5
	85	2	0-40°	1,126.9	63
	90	0	0-60°	1,605.8	89.8
			0-90°	1,788.7	100

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product: EL487CT5 (18W - 4000K) Wattage/Lumens: 17.2W / 1813 lm Luminare LPW: 105.4 lm/W	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
	0	1085	4′	67.8	5.9′
	5	1073	6′	30.1	8.9′
	15	997	8′	17.0	11.9′
	25	808	10′	10.8	14.8′
	35	567	ZONAL LUMEN SUMMARY		
	45	358			
	55	213	Zone	Lumens	%Luminaire
	65	112			
	75	57	0-30°	769.5	42.4
	85	2	0-40°	1,141.5	63
	90	0	0-60°	1,627.1	89.8
			0-90°	1,812.7	100

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product: EL487CT5 (18W - 5000K) Wattage/Lumens: 17.9W / 1838.8 lm Luminare LPW: 102.7 lm/W	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
	0	1100	4′	68.7	5.9′
	5	1086	6′	30.5	8.9′
	15	1008	8′	17.2	11.9′
	25	817	10′	11.0	14.8′
	35	574	ZONAL LUMEN SUMMARY		
	45	362			
	55	216	Zone	Lumens	%Luminaire
	65	114			
	75	57	0-30°	780.1	42.4
	85	2	0-40°	1,157.5	63
	90	0	0-60°	1,650.2	89.8
			0-90°	1,838.5	100

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