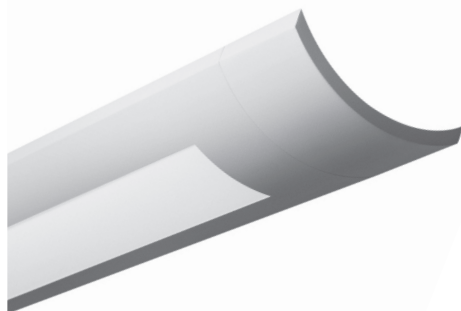
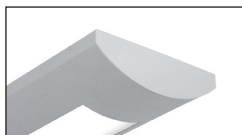




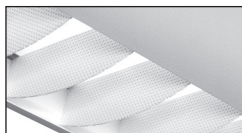
Declare.



Curved Endcap and Diffuse Center Optic shown
Signal White is standard finish



Flat Endcap



(WCB) Shielding



(PLV) Shielding

Date

Project

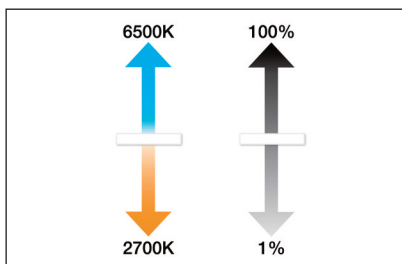
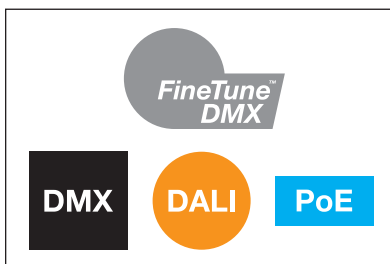
Type

Comments

DESCRIPTION

Series 12 LED is a luminaire with a classic curved shape and is available with 2 or 3 light engines. The luminaire uses mid-power LEDs for long life and enhanced performance. It is available with a standard flat endcap or an optional extended diecast aluminum endcap. This Product is enrolled in the International Living Future Institute (ILFI) Declare 2.0 Program and is third-party verified with options achieving Red List Approved and Red List Declared status.

TUNABLE WHITE FEATURES



MULTIPLE CONTROL ARCHITECTURES

Finelite's FineTune™ DMX, qualified DMX, DALI (open and proprietary), or PoE (Power over Ethernet).

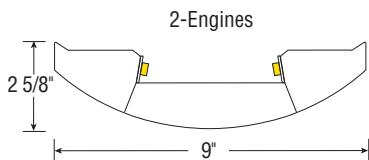
TUNABLE WHITE

Any CCT between 2700K and 6500K with excellent CRI and R9 values; dimming from 100% to 1%.

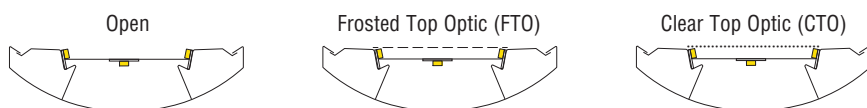
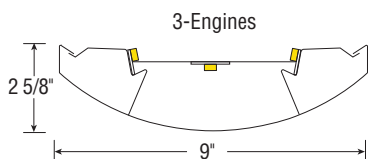
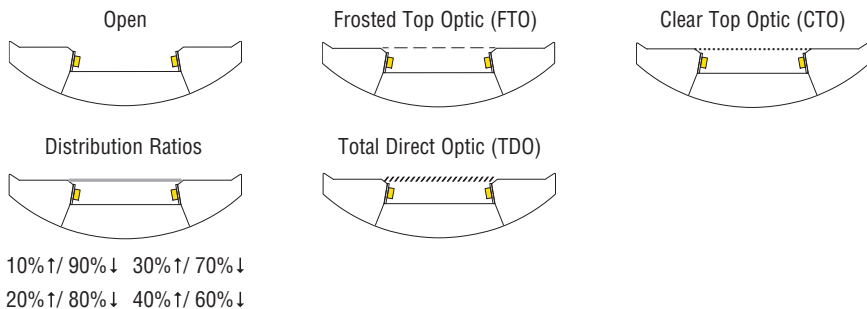
FINETUNE SYSTEM

Award-winning control system, which includes intuitive wall mounted controller, power control center, driver, and mobile app to easily tailor lighting to match user preference.

LIGHT ENGINES



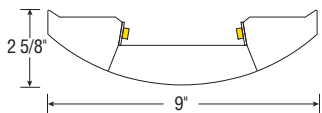
OPTIC & DISTRIBUTION RATIO OPTIONS



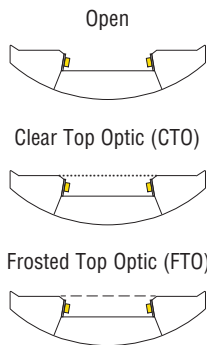
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2E FEATURES

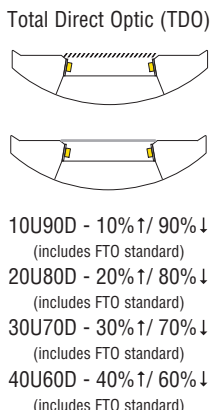
DIMENSIONS & LIGHT ENGINES



OPTIC OPTIONS



DISTRIBUTION RATIO OPTIONS



Date

Project

Type

Comments

ORDERING GUIDE:


Sample Number: S12 LED ID - DCO - 8' - 2E - V - 8TW - 10U90D - 120V - SC - FA - FE - C1 - OBO - RLA

Series 12 LED ID	Shielding (DCO, WCB, PLV)	Length / Pre-qualified Controls by Others (4', 8', multiples standard)	Light Engine System (2E - 2 Light Engines)	Light Output (B - Boosted Standard, V - Very High)	LED CRI/CCT (8TW - 80 CRI min, Tunable White; 9TW - 90 CRI min, Tunable White. See below for Tunable White controls options)	Optic or Distribution Ratio (OPEN - standard, FTO - Frosted Top Optic, CTO - Clear Top Optic, TDO - Total Direct Optic, 10U90D - 10% up / 90% down, 20U80D - 20% up / 80% down, 30U70D - 30% up / 70% down, 40U60D - 40% up / 60% down)	Voltage (120V, 277V)	Circuiting (SC - Single Circuit)	Mounting (FA - Fully Adjustable (standard), AC - semi-adjustable)	Endcap (FE - Flat Endcap (standard), CE - Curved Endcap)	Ceiling type (C1 - 15/16" T-Bar, C2 - 9/16" T-Bar, C3 - slot grid, C4 - hard ceiling)	Integrated Sensors (OBO - Occupancy, OBD - Daylight, W601 - Wattstopper Wireless Sensor, OBE - Enlighted, CLM - Encelium Sensor, RE7 - nLight Air Sensor, AOCC-W - Lutron Athena Sensor (Device Color White), AOCC-B - Lutron Athena Sensor (Device Color Black), ARF-W - Lutron Athena RF (Device Color White), ARF-B - Lutron Athena RF (Device Color Black))	Special Options (RLA - Red List Approved, RLD - Red List Declared)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

¹Indirect luminaires available on 2E. ²Contact factory for Tunable White limitations on 2E. ³Contact factory for switching options. ⁴LMFS-601 w/ 0-10V driver(s) and LMFI-111, up to 6 drivers may be connected / LMFS-601 w/ DALI driver, only 1 driver can be connected. ⁵Enlighted components installed by Finelite, provided by others. ⁶Only available with DALI drivers - AOCC & ARF up to 4 drivers can be connected.

When selecting FineTune or pre-qualified DMX drivers made by others choose one of the following feed lengths below.

DMX Pendant Feed Length (5 ft., 12 ft., 30 ft.)

TUNABLE WHITE CONTROLS OPTIONS: SELECT ONE	
<input type="checkbox"/> FineTune controller with pre-qualified DMX Driver 	OR <input type="checkbox"/> Controls by others with pre-qualified DMX driver <input type="checkbox"/> Controls by others with pre-qualified DALI driver <input type="checkbox"/> Controls by others with pre-qualified PoE setup <input type="checkbox"/> Controls by Lutron with pre-qualified Lutron driver

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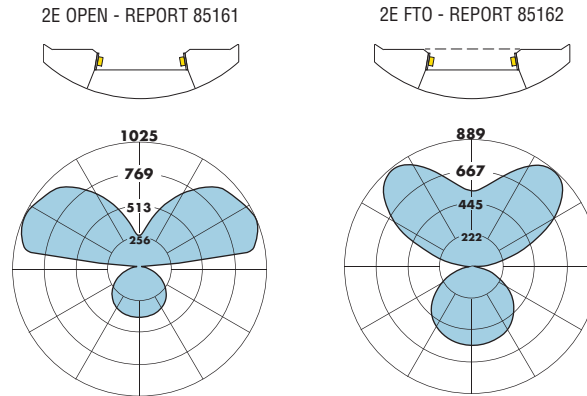
2E OPEN AND FTO PHOTOMETRY - 4 ft. Luminaire

Series 12-LED-ID-DCO-2E-V-835-OPEN

Distribution: 74% up / 26% down
 Efficacy: 117 lumens per watt
 Total Luminaire Output: 4784 lumens (1196 lumens/foot)
 41.0 watts (10.3 watts/foot)
 ITL LM79 Report 85161.900 (Family Correlated)

Series 12-LED-ID-DCO-2E-V-835-FTO

Distribution: 62% up / 38% down
 Efficacy: 108 lumens per watt
 Total Luminaire Output: 4391 lumens (1098 lumens/foot)
 40.8 watts (10.2 watts/foot)
 ITL LM79 Report 85162.900 (Family Correlated)



*For applications where a soft beam edge on wall or vertical surface is desired.

Refer to LM-79 reports for candlepower summaries.

2E OPEN AND FTO

Total Light Output, 3500K, 80 CRI (Lumens) - 4 ft. Luminaire		
	B*	V**
OPEN	2462	4784
FTO	1797	4391

Light Output, 3500K, 80 CRI (Lumens Per Foot)		
	B*	V**
OPEN	615	1196
FTO	449	1098

Power, 3500K, 80 CRI (Watts Per Foot)		
	B*	V**
OPEN	5.1	10.3
FTO	4.0	10.2

Efficacy, 3500K, 80 CRI (Lumens Per Watt)		
	B*	V**
OPEN	121	117
FTO	112	108

* Family Correlation based on 4 ft. luminaire 3500K Very High Output (V) test - 120V.

** Based on ITL reports above.

B - Boosted Standard Output, V - Very High Output

Lumen Adjustment Factors - 80 CRI	
2700K	0.968
3000K	0.985
3500K	1.000
4000K	1.032
6500K	1.032

Lumen Adjustment Factors - 90 CRI	
2700K	0.731
3000K	0.746
3500K	0.760
4000K	0.789
6500K	0.789

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

SAMPLE LUMEN ADJUSTMENT CALCULATION

Boosted Standard Output (B), 4000K, 90 CRI

$$\text{Lumen Adjustment Factor} = 0.789$$

$$\text{Total Light Output} = 2462 \text{ lm} \times 0.789 = 1943 \text{ lm}$$

$$\text{Total Light Output per Foot} = 615 \text{ lm/ft} \times 0.789 = 485 \text{ lm/ft}$$

$$\text{watts/foot} = 5.1 \text{ W/ft}$$

$$\text{Efficacy} = \frac{485 \frac{\text{lm}}{\text{ft}}}{5.1 \frac{\text{W}}{\text{ft}}} = 95 \text{ lm/W}$$

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

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2E DISTRIBUTION RATIO PHOTOMETRY - 4 ft. Luminaire

Series 12-LED-ID-DCO-2E-V-835-10U90D

Efficacy: 78 lumens per watt
 Total Luminaire Output: 3163 lumens (791 lumens/foot)
 40.8 watts (10.2 watts/foot)
 ITL LM79 Report 87814.900 (Family Correlated)

Series 12-LED-ID-DCO-2E-V-835-30U70D

Efficacy: 85 lumens per watt
 Total Luminaire Output: 3457 lumens (864 lumens/foot)
 40.8 watts (10.2 watts/foot)
 ITL LM79 Report 87816.900 (Family Correlated)

Series 12-LED-ID-DCO-2E-V-835-40U60D

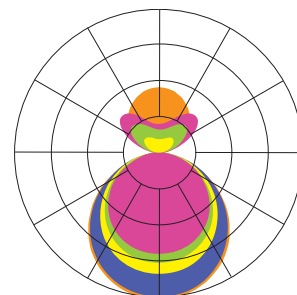
Efficacy: 94 lumens per watt
 Total Luminaire Output: 3852 lumens (963 lumens/foot)
 40.8 watts (10.2 watts/foot)
 ITL LM79 Report 87817

Series 12-LED-ID-DCO-2E-V-835-20U80D

Efficacy: 82 lumens per watt
 Total Luminaire Output: 3331 lumens (833 lumens/foot)
 40.8 watts (10.2 watts/foot)
 ITL LM79 Report 87815.900 (Family Correlated)

Series 12-LED-ID-DCO-2E-V-835-TDO

Efficacy: 78 lumens per watt
 Total Luminaire Output: 3187 lumens (797 lumens/foot)
 40.8 watts (10.2 watts/foot)
 ITL LM79 Report 87818.900 (Family Correlated)



10U90D 20U80D 30U70D 40U60D TDO

Refer to LM-79 reports for candlepower summaries

2E DISTRIBUTION RATIOS

↑ Indirect ↓ Direct

Total Light Output, 3500K, 80 CRI (Lumens) - 4 ft. Luminaire		
	B*	V**
10U90D	1628 [↑15% 85%↓]	3163 [↑15% 85%↓]
20U80D	1714 [↑26% 74%↓]	3331 [↑26% 74%↓]
30U70D	1779 [↑33% 67%↓]	3457 [↑33% 67%↓]
40U60D	1982 [↑32% 68%↓]	3852 [↑32% 68%↓]
TDO	1640 [↑0% 100%↓]	3187 [↑0% 100%↓]

Light Output, 3500K, 80 CRI (Lumens Per Foot)		
	B*	V**
10U90D	407	791
20U80D	429	833
30U70D	445	864
40U60D	496	963
TDO	410	797

Power, 3500K, 80 CRI (Watts Per Foot)		
	B*	V**
10U90D	5.1	10.2
20U80D	5.1	10.2
30U70D	5.1	10.2
40U60D	5.1	10.2
TDO	5.1	10.2

Efficacy, 3500K, 80 CRI (Lumens Per Watt)		
	B*	V**
10U90D	80	78
20U80D	84	82
30U70D	88	85
40U60D	98	94
TDO	81	78

* Family Correlation based on 4 ft. luminaire 3500K Very High Output (V) test - 120V.

** Based on ITL reports above.

B - Boosted Standard Output, V - Very High Output

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

Lumen Adjustment Factors - 80 CRI	
2700K	0.988
3000K	0.985
3500K	1.000
4000K	1.032
6500K	1.032

Lumen Adjustment Factors - 90 CRI	
2700K	0.731
3000K	0.746
3500K	0.760
4000K	0.789
6500K	0.789

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

SAMPLE LUMEN ADJUSTMENT CALCULATION

Boosted Standard Output (B) / 20U80D
 4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =
 1714 lm x 0.789 = 1352 lm

Total Light Output per Foot =
 429 lm/ft x 0.789 = 338 lm/ft

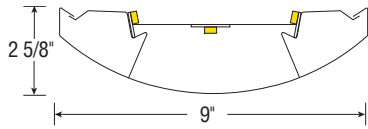
watts/foot = 5.1 W/ft

$$\text{Efficacy} = \frac{338 \frac{\text{lm}}{\text{ft}}}{5.1 \frac{\text{W}}{\text{ft}}} = 66 \text{ lm/W}$$

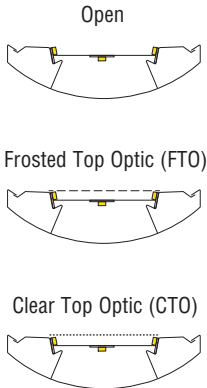
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3E FEATURES

DIMENSIONS & LIGHT ENGINES



OPTIC OPTIONS



Date

Project

Type

Comments

ORDERING GUIDE:

Sample Number: S12 LED ID - DCO - 8' - 3E - B/V - 8TW - FTO - 120V - SC - FA - FE - C1 - OBO - RLA

Finelite Series 12 LED ID ¹ _____ Shielding (DCO , WCB , PLV) _____ Length / Pre-qualified Controls by Others (4' , 8' , multiples standard) _____ Light Engine System (3E - 3 Light Engines) _____ Light Output Up ↑ (B - Boosted Standard, V - Very High) _____ DN ↓ (B - Boosted Standard, V - Very High) _____ LED CRI/CCT (8TW - 80 CRI min, Tunable White; _____ 9TW - 90 CRI min, Tunable White. See below for Tunable White controls options) _____ Optic (OPEN - standard, FTO - Frosted Top Optic, CTO - Clear Top Optic) _____ Voltage (120V , 277V) _____ Circuiting (SC - Single Circuit, DC - Dual circuit) ² _____ Mounting (FA - Fully Adjustable (standard), AC - semi-adjustable) _____ Endcap (FE - Flat Endcap (standard), CE - Curved Endcap) _____ Ceiling type (C1 - 15/16" T-Bar, C2 - 9/16" T-Bar, C3 - slot grid, C4 - hard ceiling) _____ Integrated Sensors (OBO - Occupancy, OBD - Daylight, W601 - Wattstopper Wireless Sensor ³ , OBE - Enlighted ⁴ , CLM - Encelium Sensor, RE7 - nLight Air Sensor, AOCC-W - Lutron Athena Sensor (Device Color White) ⁵ , AOCC-B - Lutron Athena Sensor (Device Color Black) ⁵ , ARF-W - Lutron Athena RF (Device Color White) ⁵ , ARF-B - Lutron Athena RF (Device Color Black) ⁵) _____ Special Options (RLA - Red List Approved, RLD - Declared Label) _____	<table border="1" style="width: 100%; border-collapse: collapse; margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">Series 12 LED ID</td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> <td style="width: 20px;"> </td> </tr> </table> <div style="margin-left: 250px;">3E: ↑/↓</div>	Series 12 LED ID																							
Series 12 LED ID																									

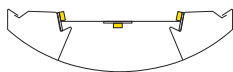
¹ Indirect luminaires available on 3E. ³ LMFS-601 w/ 0-10V driver(s) and LMFI-111, up to 6 drivers may be connected / LMFS-601 w/ DALI driver, only 1 driver can be connected.
² Contact factory for switching options. ⁴ Enlighted components installed by Finelite, provided by others.
⁵ Only available with DALI drivers - AOCC & ARF up to 4 drivers can be connected.

When selecting FineTune or pre-qualified DMX drivers made by others choose one of the following feed lengths below.
 DMX Pendant Feed Length (5 ft., 12 ft., 30 ft.) _____

TUNABLE WHITE CONTROLS OPTIONS: SELECT ONE	
<input type="checkbox"/> FineTune controller with pre-qualified DMX Driver	OR
	<input type="checkbox"/> Controls by others with pre-qualified DMX driver <input type="checkbox"/> Controls by others with pre-qualified DALI driver <input type="checkbox"/> Controls by others with pre-qualified PoE setup <input type="checkbox"/> Controls by Lutron with pre-qualified Lutron driver

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3E OPEN PHOTOMETRY - 4 ft. Luminaire



Series 12-LED-ID-DCO-3E-V-V-835-OPEN

Distribution: 71% up / 29% down

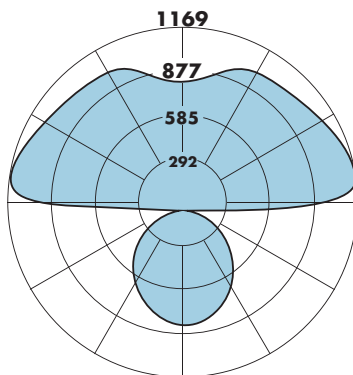
Efficacy: 113 lumens per watt

Total Luminaire Output: 7069 lumens (1767 lumens/foot)

62.7 watts (15.7 watt/foot)

CCT: 3500K

ITL LM79 Report 85163.900 (Family Correlated)



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	754	754	754	754	754	754
5	750	750	750	750	750	71
15	718	714	718	719	718	202
25	462	460	465	467	466	301
35	399	399	403	404	404	354
45	325	326	329	331	331	358
55	247	248	251	253	253	317
65	167	169	173	174	175	238
75	90	94	97	101	103	138
85	24	27	35	42	45	48
90	0	6	14	21	23	
95	54	414	788	1021	1090	647
105	185	499	866	1087	1162	826
115	325	575	862	1058	1130	800
125	460	680	880	1031	1082	754
135	585	765	916	1023	1061	682
145	691	803	960	1025	1046	573
155	773	819	947	1019	1040	426
165	826	840	884	929	949	252
175	851	854	857	861	863	82
180	855	855	855	855	855	

3E Open

	↑ Indirect	↓ Direct
--	------------	----------

Total Light Output, 3500K, 80 CRI (Lumens) - 4 ft. Luminaire		
	↑ B*	↑ V**
↓ B*	3638 [↑71% 29%↓]	6085 [↑83% 17%↓]
↓ V*	4622 [↑56% 44%↓]	7069 [↑71% 29%↓]

Light Output, 3500K, 80 CRI (Lumens Per Foot)		
	↑ B*	↑ V**
↓ B*	909	1521
↓ V*	1155	1767

Power, 3500K, 80 CRI (Watts Per Foot)		
	↑ B*	↑ V**
↓ B*	7.9	13.0
↓ V*	10.6	15.7

Efficacy, 3500K, 80 CRI (Lumens Per Watt)		
	↑ B*	↑ V**
↓ B*	115	117
↓ V*	109	113

* Family Correlation based on 4 ft. luminaire 3500K Very High Output (V) test - 120V.

** Based on ITL report: 85163

B - Boosted Standard Output, V - Very High Output

Lumen Adjustment Factors - 80 CRI	
2700K	0.968
3000K	0.985
3500K	1.000
4000K	1.032
6500K	1.032

Lumen Adjustment Factors - 90 CRI	
2700K	0.731
3000K	0.746
3500K	0.760
4000K	0.789
6500K	0.789

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

SAMPLE LUMEN ADJUSTMENT CALCULATION

Boosted Standard Output (B) / Boosted Standard Output (B),
4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =
3638 lm x 0.789 = 2870 lm

Total Light Output per Foot =
909 lm/ft x 0.789 = 717 lm/ft

watts/foot = 7.9 W/ft

$$\text{Efficacy} = \frac{717 \frac{\text{lm}}{\text{ft}}}{7.9 \frac{\text{W}}{\text{ft}}} = 91 \text{ lm/W}$$

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

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Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

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Form CT10177 V13. EFFECTIVE DATE: 09/23

3E OPEN PHOTOMETRY FROSTED TOP OPTIC (FTO) - 4 ft. Luminaire



For applications where a soft beam edge on wall or vertical surface is desired.

Series 12-LED-ID-DCO-3E-V-V-835-FTO

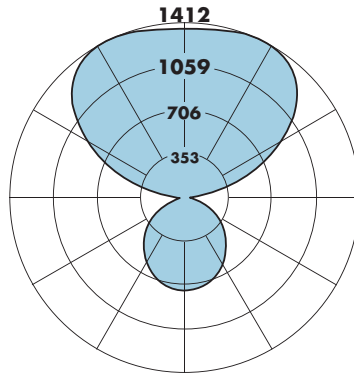
Distribution: 70% up / 30% down

Efficacy: 107 lumens per watt

Total Luminaire Output: 6678 lumens (1670 lumens/foot)
62.7 watts (15.7 watts/foot)

CCT: 3500K

ITL LM79 Report 85165.900 (Family Correlated)



CANDLEPOWER SUMMARY						
	0.0	22.5	45.0	67.5	90.0	Flux
0	749	749	749	749	749	749
5	744	745	745	745	745	71
15	713	709	714	714	713	201
25	649	645	651	653	654	299
35	561	560	567	570	568	354
45	461	460	466	467	467	358
55	352	353	355	358	358	318
65	237	239	243	244	243	239
75	123	127	131	138	139	140
85	26	32	45	55	57	50
90	0	9	23	34	38	
95	69	78	95	108	114	107
105	254	281	330	366	380	344
115	480	532	629	696	719	607
125	717	786	917	1013	1044	802
135	936	1005	1143	1244	1275	866
145	1118	1166	1280	1362	1387	791
155	1245	1270	1342	1396	1412	616
165	1322	1330	1362	1384	1393	385
175	1357	1359	1362	1365	1366	130
180	1362	1362	1362	1362	1362	

3E Frosted Top Optic (FTO)

	↑ Indirect	↓ Direct
--	------------	----------

Total Light Output, 3500K, 80 CRI (Lumens) - 4 ft. Luminaire		
	↑ B*	↑ V**
↓ B*	3437 [↑70% 30%↓]	5693 [↑82% 18%↓]
↓ V*	4422 [↑54% 46%↓]	6678 [↑70% 30%↓]

Light Output, 3500K, 80 CRI (Lumens Per Foot)		
	↑ B*	↑ V**
↓ B*	859	1423
↓ V*	1105	1670

Power, 3500K, 80 CRI (Watts Per Foot)		
	↑ B*	↑ V**
↓ B*	7.9	13.0
↓ V*	10.6	15.7

Efficacy, 3500K, 80 CRI (Lumens Per Watt)		
	↑ B*	↑ V**
↓ B*	109	110
↓ V*	104	107

* Family Correlation based on 4 ft. luminaire 3500K Very High Output (V) test - 120V.

** Based on ITL report: 85165

B - Boosted Standard Output, V - Very High Output

Lumen Adjustment Factors - 80 CRI	
2700K	0.968
3000K	0.985
3500K	1.000
4000K	1.032
6500K	1.032

Lumen Adjustment Factors - 90 CRI	
2700K	0.731
3000K	0.746
3500K	0.760
4000K	0.789
6500K	0.789

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

SAMPLE LUMEN ADJUSTMENT CALCULATION

Boosted Standard Output (B) / Boosted Standard Output (B),
4000K, 90 CRI

$$\text{Lumen Adjustment Factor} = 0.789$$

$$\text{Total Light Output} = 3437 \text{ lm} \times 0.789 = 2712 \text{ lm}$$

$$\text{Total Light Output per Foot} = 859 \text{ lm/ft} \times 0.789 = 678 \text{ lm/ft}$$

$$\text{watts/foot} = 7.9 \text{ W/ft}$$

$$\text{Efficacy} = \frac{678 \frac{\text{lm}}{\text{ft}}}{7.9 \frac{\text{W}}{\text{ft}}} = 86 \text{ lm/W}$$

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

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SPECIFICATIONS

CONSTRUCTION: Body is 20-gauge die-formed steel with an 18-gauge die-formed internal joiner system. Plug-together wiring standard. All components are hard-tooled to tolerances of +/- 0.010".

ENDCAPS: The Flat Endcap (**FE**) is standard and made of 20-gauge die-formed steel adding 1/10" at each end. The optional Curved Endcap (**CE**) is an aluminum die-cast endcap with a 1/8" reveal adding 5.0" at each end.

OPTICS & DISTRIBUTION RATIOS:

Open	Standard (2E, 3E)
FTO	Frosted Top Optic (2E, 3E)
CTO	Clear Top Optic (2E, 3E)
TDO	Total Direct Optic (2E)
10U90D	10% up / 90% down (2E)
20U80D	20% up / 80% down (2E)
30U70D	30% up / 70% down (2E)

SHIELDING OPTIONS¹:

- DCO Diffuse Center Optic, 73% transmissive, 99% diffusion.
- WCB White Cross Baffle, 23 cell baffles, per 4-foot section spaced 1/2" apart and finished with 96% reflective white paint.
- PLV Parabolic Louver, Semi-specular louvers with straight edges, spaced approximately 1-3/16" apart.

LIGHT OUTPUTS: Two lumen packages available, Boosted Standard (**B**) and Very High (**V**). A separate chart summarizes lumen distribution and wattage. Light engines are replaceable.

LUMEN MAINTENANCE: 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

TUNABLE WHITE DRIVER: Replaceable LED driver. Driver is accessible from below the ceiling. 120/277V. Power Factor: ≥ 0.90. Total Harmonic Distortion (THD): < 20%. Dimming Range: 100 - 1%. Expected driver lifetime: 100,000 hours.

LUTRON DRIVER OPTIONS: LUTES1: Hi-lume 1% EcoSystem with Soft-On, Fade to Black dimming (LDE1 series); Contact factory for availability of discontinued Lutron drivers, L3DA-3-wire and L3DA EcoSystem.

ELECTRICAL:

- Emergency Option DMX: Battery backup only.
- Emergency Option DALI: Battery backup, optional emergency-to-generator/inverter wiring
- Emergency Option LUTRON: Battery backup, optional emergency-to-generator/inverter wiring.
- Emergency Option PoE: Contact factory.

Battery Backup: Factory-choice battery pack available; (8 ft. minimum fixture length). Backup batteries deliver 2392 lumens for 2E and 2027 lumens for 3E. A 4 ft. section will be illuminated in emergency mode. Backup battery will operate at 6500K in emergency.

MOUNTING: 50" Fully Adjustable (**FA**) plated steel aircraft cable with safety stop hardware standard. Contact factory for additional lengths up to 150". Optional semi-adjustable Aircraft Cable (**AC**) (± 1/2") in lengths of 12", 15", 18", 21", 24", 27", 30", and 36".

DMX MOUNTING: For grid ceiling applications, the dual GridBox™ mounting is supplied (standard). For hard ceiling applications the ceiling mounting box is supplied (standard). For details, see Mounting Features (page 2). DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths. Available DMX pendant feed lengths are 5 ft., 12 ft., and 30 ft. (5 ft. standard.)

DMX INTERCONNECTION CABLES: Luminaires are prewired with plug-and-play interconnection cables to support easy plug-together joining of fixture runs. If a non-FineTune DMX system has been specified, a DMX to RJ45 converter is provided.

FINISHES: Finelite Signal White (**SW**) powder coat, Finelite Black (**RAL 9005**) with semi gloss fine texture (**FB**), and Satin Aluminum (**SA**) are standard. Optional Adders: 179 RAL colors.²

FEED: Standard with one 18-gauge single-circuit feed. 14-gauge feed used when fixture current exceeds 5 amps. DMX and power feed at same location (standard). DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths.

LENGTHS: Standard 4 ft., and 8 ft., sections lengths can be combined to make longer runs.

LABELS: Fixture and electrical components are ETL listed conforming to UL 1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. UL 924 and UL 2108 - PoE options available on request. Damp Location. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2015/863. Finelite makes the specification process easy when putting healthier products on your projects. Simply add – **RLA** (Red List Approved) or – **RLD** (Red List Declared Label) to your part number.

WEIGHT: With Flat Endcaps (**FE**) - 2.0lb/ft; with Curved Endcaps (**CE**) – 2.6 to 3.6 lb/ft.

WARRANTY: 10-year performance-based warranty on all standard components. Qualified drivers by others and optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

TUNABLE WHITE PRE-QUALIFIED DRIVERS BY OTHERS

DMX	DALI	POE set up	LUTRON
EldoLED	EldoLED, Crestron	Contact Factory	LUTRON

¹ Consult factory for Tunable White limitations on 2E

² 20 business days lead time for color