ESSENCE™
45 DEGREE ROUND



SHOWN IN BLACK

The ESSENCE 45 Degree Round surface mount fixture is versatile and provides design flexibility. The channel profile places light in the corner and distributes uniform illumination making it ideal for under cabinets or in shelving units. This light can be installed in a horizontal or vertical orientation.

CLEAN AESTHETIC

- Concealed mounting hardware, minimal end cap thickness (0.04" thick)
- Tight LED pitch (static white: 72 LEDs/ft; warm dim: 52 LEDs/ft)
- White lens eliminates pixelation for static white

EASE OF SPECIFYING AND INSTALLATION

- Fixtures available in various increments up to 50 ft; length includes end caps
- Two mounting options: Fixed mounting includes 3M™ tape and easy snap-in mechanical mounting clips for ceiling and wall mount; magnetic mounting allows for tool-free installation to metal surfaces

APPLICATION VERSATILITY

- Reverse-phase and forward-phase dimming down to 0.2% and Lutron Hi-lume EcoSystem down to 0.1%
- ETL Listed Class 2, Damp Location; approved for use in closet storage spaces per NEC Article 410.16
- Complies with CEC 2019 Title 24 Part 6

LUMEN MULTIPLIER (CRI/CCT)

CCT	FROSTED LENS	WHITE LENS
2400K	0.90	0.72
2700K	0.95	0.76
3000K	1.00	0.80
3500K	1.05	0.84
4200K	1.10	0.88
WARM DIM 3000K-1800K	1.00	0.80

Lumen output will vary by CCT.
See photometric charts for more information.

SPECIFICATIONS

	U-SERIES STATIC WHITE			P-SERIES STATIC WHITE				WARM DIM	
DELIVERED LUMENS/FT	715	445	270	715	445	270	185	295	445
WATTS/FT	7.3	4.6	2.5	7.3	4.6	2.5	1.9	3.4	5.3
EFFICACY	98	97	108	98	97	108	97	88	84
CCT	2700K, 3000K, or 3500K			2400K, 2700K, 3000K, 3500K, or 4200K				3000K - 1800K	
COLOR CONSISTENCY	1-step			2-step				2-step	
COLOR QUALITY	CRI 97+, R_g 95+, R_f 95+, R_g 100			CRI 95+, R_g 90+, R_f 90+, R_g 95-105				CRI 95+, R_g 90+, R_f 90+, R_g 95	
CRI	97+			95+				95+	
VOLTAGE	Channels and LED tape: 24VDC input | Power supplies: 120V or 277VAC input; 24VDC output								
DIMMING	Standard reverse-phase, forward-phase, and TRIAC dimming (down to 0.2%) Standard 0-10V dimming (down to 5%) | eldoLED 0-10V dimming (down to 0.1%) Lutron Hi-lume EcoSystem/3-wire (down to 0.1%) (not available with warm dim)								
POWER SUPPLY	Constant voltage with +0.9 power factor and +80% efficiency. Class 2 up to 100W.								
LENS	Frosted or White								
CONSTRUCTION	Channel: Aluminum | Lens: Acrylic | End caps: Zinc								
FINISH	Black (anodized), Satin Aluminum (anodized), or White (powder coated, paintable)								
GENERAL LISTING	ETL Listed Class 2. Damp Location.								
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Complies with CEC 2019 Title 24 Part 6.								
L70	50,000 hours min								
WARRANTY	Channels 10 years; Power supplies 5 years								

Data in chart reflect 3000K values with frosted lens unless noted. Reference lumen multiplier chart for CCT and lens multipliers.

Ordering grids available on page 2.

Visit visualcomfort.com for specific warranty limitations and details.

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UPDATED 1/22/25

ESSENCE™
45 DEGREE ROUND

ORDERING GRIDS

45 DEGREE ROUND U-SERIES STATIC WHITE

(1-STEP)

SYSTEM	NOMINAL LENGTH IN INCHES	OUTPUT/FT[2]	CRI/CCT	LENS	FINISH	MOUNTING	POWER FEED TYPE	POWER FEED POSITION	ASSEMBLY
ES45RU ESSENCE 45 DEGREE ROUND U-SERIES (1-STEP)	**6-480** (SEE OVERALL LENGTH CHART)[1]	**27** 270 LM/FT **44** 445 LM/FT **71** 715 LM/FT	**927** 97 CRI, 2700K **930** 97 CRI, 3000K **935** 97 CRI, 3500K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**F** FIXED **G** MAGNETIC	**1L** 1 FEED LEFT **1R** 1 FEED RIGHT **2** 2 FEEDS[3]	**E** END	**D** FIELD ASSEMBLED **F** FACTORY ASSEMBLED[1]
ES45RU								**E**	

[1]F-Factory assembled 96" (8 ft) max length.
[2]Frosted lens output shown. Reference lumen multiplier chart for CCT and lens multipliers.
[3]2 - 2 power feeds only available in factory assembled.

45 DEGREE ROUND P-SERIES STATIC WHITE

(2-STEP)

SYSTEM	NOMINAL LENGTH IN INCHES	OUTPUT/FT[2]	CRI/CCT	LENS	FINISH	MOUNTING	POWER FEED TYPE	POWER FEED POSITION	ASSEMBLY
ES45RP ESSENCE 45 DEGREE ROUND P-SERIES (2-STEP)	**6-600** (SEE OVERALL LENGTH CHART)[1]	**18** 185 LM/FT **27** 270 LM/FT **44** 445 LM/FT **71** 715 LM/FT	**924** 95 CRI, 2400K[3] **927** 95 CRI, 2700K **930** 95 CRI, 3000K **935** 95 CRI, 3500K **942** 95 CRI, 4200K[4]	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**F** FIXED **G** MAGNETIC	**1L** 1 FEED LEFT **1R** 1 FEED RIGHT **2** 2 FEEDS[5]	**E** END	**D** FIELD ASSEMBLED **F** FACTORY ASSEMBLED[1]
ES45RP								**E**	

[1]F-Factory assembled 96" (8 ft) max length.
[2]Frosted lens output shown. Reference lumen multiplier chart for CCT and lens multipliers.
[3]924 - 185 and 270 lm/ft only.
[4]942 - Not available in 185 lm/ft.
[5]2 - 2 power feeds only available in factory assembled.

45 DEGREE ROUND WARM DIM

(2-STEP)

PRODUCT	NOMINAL LENGTH IN INCHES	OUTPUT/FT[2]	CRI/CCT	LENS	FINISH	MOUNTING	POWER FEED TYPE	POWER FEED POSITION	ASSEMBLY
ES45RD ESSENCE 45 DEGREE ROUND	**7-336** (SEE OVERALL LENGTH CHART)[1]	**29** 295 LM/FT **44** 445 LM/FT	**9W31** 95 CRI, WARM DIM 3000K-1800K	**F** FROSTED **W** WHITE	**B** BLACK **A** SATIN ALUMINUM **W** WHITE (PAINTABLE)	**F** FIXED **G** MAGNETIC	**1L** 1 FEED LEFT **1R** 1 FEED RIGHT **2** 2 FEEDS[3]	**E** END	**D** FIELD ASSEMBLED **F** FACTORY ASSEMBLED[1]
ES45RD			**9W31**					**E**	

[1]F-Factory assembled 96" (8 ft) max length.
[2]Frosted lens output shown. Reference lumen multiplier chart for CCT and lens multipliers.
[3]2 - 2 power feeds only available in factory assembled.

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45 DEGREE ROUND

LENGTH CHARTS: FACTORY AND FIELD ASSEMBLED

OVERALL LENGTH CHART FOR STATIC WHITE

When ordering for 45 Degree Round static white, refer to the chart below to identify the nominal length referenced in the item number.

NOMINAL LENGTH	ACTUAL LENGTH END FEED
FACTORY AND FIELD ASSEMBLED	
6	5-5/8"
7	6-15/16"
8	—
9	8-1/4"
10	9-9/16"
11	10-7/8"
12	—
13	12-3/16"
14	13-1/2"
15	14-13/16"
16	—
17	16-1/8"
18	17-7/16"
19	18-3/4"
20	—
21	20-1/16"
22	21-3/8"
23	22-11/16"
24	24"
25	—
26	25-5/16"
27	26-5/8"
28	27-15/16"
29	—
30	29-1/4"
31	30-9/16"
32	31-7/8"
33	—
34	33-3/16"
35	34-1/2"
36	35-13/16"
37	—
38	37-1/8"
39	38-7/16"
40	39-3/4"
41	—
42	41-1/16"
43	42-3/8"
44	43-11/16"
45	45"
46	—
47	46-3/8"
48	47-11/16"
49	49"
50	—
51	50-5/16"
52	51-5/8"
53	52-15/16"
54	—
55	54-1/4"
56	55-9/16"
57	56-7/8"
58	—
59	58-3/16"
60	59-1/2"
61	60-13/16"
62	—
63	62-1/8"
64	63-7/16"
65	64-3/4"
66	—
67	66-1/16"
68	67-3/8"
69	68-11/16"
70	70"
71	—
72	71-5/16"
73	72-5/8"
74	73-15/16"
75	—
76	75-1/4"
77	76-9/16"
78	77-7/8"
79	—
80	79-3/16"
81	80-1/2"
82	81-13/16"
83	—
84	83-1/8"
85	84-7/16"
86	85-3/4"
87	—
88	87-1/16"
89	88-3/8"
90	89-11/16"
91	91"
92	—
93	92-5/16"
94	93-5/8"
95	94-15/16"
96	—
FIELD ASSEMBLED	
97	96-1/2"
98	97-13/16"
99	—
100	99-1/8"
101	100-7/16"
102	101-3/4"
103	—
104	103-1/16"
105	104-3/8"
106	105-11/16"
107	107"
108	—
109	108-5/16"
110	109-5/8"
111	110-15/16"
112	—
113	112-1/4"
114	113-9/16"
115	114-7/8"
116	—
117	116-3/16"
118	117-1/2"
119	118-13/16"
120	—
121	120-1/8"
122	121-7/16"
123	122-3/4"
124	—
125	124-1/16"
126	125-3/8"
127	126-11/16"
128	128"
129	—
130	129-5/16"
131	130-5/8"
132	131-15/16"
133	—
134	133-1/4"
135	134-9/16"
136	135-7/8"
137	—
138	137-3/16"
139	138-1/2"
140	139-13/16"
141	—
142	141-1/8"
143	142-7/16"
144	143-3/4"
145	—
146	145-1/16"
147	146-3/8"
148	147-11/16"
149	149"
150	—
151	150-5/16"
152	151-5/8"
153	152-15/16"
154	—
155	154-1/4"
156	155-5/8"
157	156-15/16"
158	—
159	158-1/4"
160	159-9/16"
161	160-7/8"
162	—
163	162-3/16"
164	163-1/2"
165	164-13/16"
166	—
167	166-1/8"
168	167-7/16"
169	168-3/4"
170	—
171	170-1/16"
172	171-3/8"
173	172-11/16"
174	174"
175	—
176	175-5/16"
177	176-5/8"
178	177-15/16"
179	—
180	179-1/4"
181	180-9/16"
182	181-7/8"
183	—
184	183-3/16"
185	184-1/2"
186	185-13/16"
187	—
188	187-1/8"
189	188-7/16"
190	189-3/4"
191	—
192	191-1/4"
193	192-9/16"
194	193-7/8"
195	—
196	195-3/16"
197	196-1/2"
198	197-7/8"
199	—
200	199-3/16"
201	200-1/2"
202	201-13/16"
203	—
204	203-1/8"
205	204-7/16"
206	205-3/4"
207	—
208	207-1/16"
209	208-3/8"
210	209-11/16"
211	211"
212	—
213	212-5/16"
214	213-5/8"
215	214-15/16"
216	—
217	216-1/4"
218	217-9/16"
219	218-7/8"
220	—
221	220-3/16"
222	221-1/2"
223	222-13/16"
224	—
225	224-1/8"
226	225-7/16"
227	226-3/4"
228	—
229	228-1/16"
230	229-3/8"
231	230-11/16"
232	232"
233	—
234	233-5/16"
235	234-5/8"
236	235-15/16"
237	—
238	237-1/4"
239	238-9/16"
240	239-7/8"
241	—
242	241-3/16"
243	242-1/2"
244	243-13/16"
245	—
246	245-1/8"
247	246-7/16"
248	247-3/4"
249	—
250	249-1/16"
251	250-3/8"
252	251-11/16"
253	253"
254	—
255	254-5/16"
256	255-5/8"
257	256-15/16"
258	—
259	258-1/4"
260	259-9/16"
261	260-7/8"
262	—
263	262-3/16"
264	263-1/2"
265	264-13/16"
266	—
267	266-3/16"
268	267-1/2"
269	268-13/16"
270	—
271	270-1/8"
272	271-7/16"
273	272-3/4"
274	—
275	274-1/16"
276	275-3/8"
277	276-11/16"
278	278"
279	—
280	279-5/16"
281	280-5/8"
282	281-15/16"
283	—
284	283-1/4"
285	284-9/16"
286	—
287	286-1/16"
288	287-3/8"
289	288-11/16"
290	290"
291	—
292	291-5/16"
293	292-5/8"
294	293-15/16"
295	—
296	295-1/4"
297	296-9/16"
298	297-7/8"
299	—
300	299-3/16"
301	300-1/2"
302	301-13/16"
303	—
304	303-1/8"
305	304-7/16"
306	305-3/4"
307	—
308	307-1/16"
309	308-7/16"
310	309-3/4"
311	—
312	311-1/16"
313	312-3/8"
314	313-11/16"
315	315"
316	—
317	316-5/16"
318	317-5/8"
319	318-15/16"
320	—
321	320-1/4"
322	321-9/16"
323	322-7/8"
324	—
325	324-3/16"
326	325-1/2"
327	326-13/16"
328	—
329	328-1/8"
330	329-7/16"
331	330-3/4"
332	—
333	332-1/16"
334	333-3/8"
335	334-11/16"
336	336"
337	—
338	337-5/16"

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45 DEGREE ROUND

OVERALL LENGTH CHART FOR STATIC WHITE (CONT.)

When ordering for 45 Degree Round static white, refer to the chart below to identify the nominal length referenced in the item number.

NOMINAL LENGTH	ACTUAL LENGTH END FEED
339	338-5/8"
340	339-15/16"
341	—
342	341-1/4"
343	342-9/16"
344	343-7/8"
345	—
346	345-3/16"
347	346-1/2"
348	347-13/16"
349	—
350	349-1/8"
351	350-7/16"
352	351-3/4"
353	—
354	353-1/16"
355	354-3/8"
356	355-11/16"
357	357"
358	—
359	358-5/16"
360	359-5/8"
361	360-15/16"
362	—
363	362-1/4"
364	363-9/16"
365	364-7/8"
366	—
367	366-3/16"
368	367-1/2"
369	368-13/16"
370	—
371	370-1/8"
372	371-7/16"
373	372-3/4"
374	—
375	374-1/16"
376	375-3/8"
377	376-3/4"
378	—
379	378-1/16"
380	379-3/8"
381	380-7/8"
382	—
383	382-3/16"
384	383-1/2"
385	384-13/16"
386	—
387	386-1/8"
388	—
389	388-3/4"
390	—
391	390-1/16"
392	391-3/8"
393	392-11/16"
394	394"
395	—
396	395-5/16"
397	396-5/8"
398	397-15/16"
399	—
400	399-1/4"
401	400-9/16"
402	401-7/8"
403	—
404	403-3/16"
405	404-1/2"
406	405-13/16"
407	—
408	407-1/8"
409	—
410	409-3/4"
411	—
412	411-1/16"
413	412-3/8"
414	413-11/16"
415	415"
416	—
417	416-5/16"
418	417-5/8"
419	419"
420	—
421	420-5/16"
422	421-5/8"
423	422-15/16"
424	—
425	424-1/4"
426	425-9/16"
427	426-7/8"
428	—
429	428-3/16"
430	429-1/2"
431	430-13/16"
432	—
433	432-1/8"
434	433-7/16"
435	434-3/4"
436	—
437	436-1/16"
438	437-3/8"
439	438-11/16"
440	440"
441	—
442	441-5/16"
443	442-5/8"
444	443-15/16"
445	—
446	445-1/4"
447	446-9/16"
448	447-7/8"
449	—
450	449-3/16"
451	450-1/2"
452	451-13/16"
453	—
454	—
455	454-7/16"
456	455-3/4"
457	—
458	457-1/16"
459	458-3/8"
460	459-11/16"
461	461"
462	—
463	462-5/16"
464	463-5/8"
465	464-15/16"
466	—
467	466-1/4"
468	467-9/16"
469	468-7/8"
470	—
471	470-3/16"
472	471-1/2"
473	472-13/16"
474	—
475	—
476	475-11/16"
477	477"
478	—
479	478-5/16"
480	479-5/8"
481	480-15/16"
482	—
483	482-1/4"
484	483-9/16"
485	484-7/8"
486	—
487	486-3/16"
488	487-1/2"
489	488-13/16"
490	—
491	490-1/8"
492	491-7/16"
493	—
494	—
495	494-1/16"
496	495-3/8"
497	496-11/16"
498	498"
499	—
500	499-5/16"
501	500-5/8"
502	501-15/16"
503	—
504	503-1/4"
505	504-9/16"
506	505-7/8"
507	—
508	507-3/16"
509	508-1/2"
510	509-13/16"
511	—
512	511-1/8"
513	512-7/16"
514	513-3/4"
515	—
516	515-1/16"
517	516-3/8"
518	517-11/16"
519	519"
520	—
521	520-5/16"
522	521-5/8"
523	522-15/16"
524	—
525	524-1/4"
526	525-9/16"
527	526-7/8"
528	—
529	528-1/4"
530	529-9/16"
531	530-7/8"
532	—
533	532-3/16"
534	533-1/2"
535	534-13/16"
536	—
537	536-1/8"
538	537-7/16"
539	538-3/4"
540	—
541	540-1/16"
542	541-3/8"
543	542-11/16"
544	544"
545	—
546	—
547	546-5/8"
548	547-15/16"
549	—
550	549-1/4"
551	550-9/16"
552	551-7/8"
553	—
554	553-3/16"
555	554-1/2"
556	555-13/16"
557	—
558	557-1/8"
559	558-7/16"
560	559-3/4"
561	—
562	561-1/16"
563	562-3/8"
564	563-11/16"
565	565"
566	—
567	566-5/16"
568	567-5/8"
569	—
570	—
571	570-1/2"
572	571-13/16"
573	—
574	—
575	574-7/16"
576	—
577	—
578	577-1/16"
579	578-3/8"
580	579-11/16"
581	581"
582	—
583	—
584	583-5/8"
585	584-15/16"
586	—
587	586-1/4"
588	587-9/16"
589	588-7/8"
590	—
591	590-3/16"
592	591-1/2"
593	592-13/16"
594	—
595	594-1/8"
596	595-7/16"
597	596-3/4"
598	—
599	598-1/16"
600	599-3/8"

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OVERALL LENGTH CHART FOR WARM DIM

When ordering for 45 Degree Round warm dim, refer to the chart below to identify the nominal length referenced in the item number.

NOMINAL LENGTH	ACTUAL LENGTH END FEED
FACTORY AND FIELD ASSEMBLED	
6	—
7	6-15/16"
8	—
9	—
10	—
11	10-3/16"
12	—
13	—
14	13-1/2"
15	—
16	—
17	16-3/4"
18	—
19	—
20	—
21	20-1/16"
22	—
23	—
24	23-5/16"
25	—
26	—
27	26-5/8"
28	—
29	—
30	29-7/8"
31	—
32	—
33	—
34	33-1/8"
35	—
36	—
37	36-7/16"
38	—
39	—
40	39-11/16"
41	—
42	—
43	43"
44	—
45	—
46	—
47	46-1/4"
48	—
49	—
50	49-9/16"
51	—
52	—
53	52-13/16"
54	—
55	—
56	—
57	56-1/8"
58	—
59	—
60	59-3/8"
61	—
62	—
63	62-11/16"
64	—
65	—
66	65-15/16"
67	—
68	—
69	—
70	69-1/4"
71	—
72	—
73	72-1/2"
74	—
75	—
76	75-13/16"
77	—
78	—
79	—
80	79-1/16"
81	—
82	—
83	82-5/16"
84	—
85	—
86	85-5/8"
87	—
88	—
89	88-7/8"
90	—
91	—
92	—
93	92-3/16"
94	—
95	—
96	95-7/16"
FIELD ASSEMBLED	
97	—
98	—
99	98-15/16"
100	—
101	—
102	—
103	102-1/4"
104	—
105	—
106	105-1/2"
107	—
108	—
109	108-13/16"
110	—
111	—
112	—
113	112-1/16"
114	—
115	—
116	115-5/16"
117	—
118	—
119	118-5/8"
120	—
121	—
122	121-7/8"
123	—
124	—
125	—
126	125-3/16"
127	—
128	—
129	128-7/16"
130	—
131	—
132	131-3/4"
133	—
134	—
135	135"
136	—
137	—
138	—
139	138-5/16"
140	—
141	—
142	141-9/16"
143	—
144	—
145	144-7/8"
146	—
147	—
148	—
149	148-1/8"
150	—
151	—
152	151-7/16"
153	—
154	—
155	154-11/16"
156	—
157	—
158	158"
159	—
160	—
161	—
162	161-1/4"
163	—
164	—
165	164-1/2"
166	—
167	—
168	167-13/16"
169	—
170	—
171	—
172	171-1/16"
173	—
174	—
175	174-3/8"
176	—
177	—
178	177-5/8"
179	—
180	—
181	180-15/16"
182	—
183	—
184	—
185	184-3/16"
186	—
187	—
188	187-1/2"
189	—
190	—
191	190-3/4"
192	—
193	—
194	—
195	194-1/4"
196	—
197	—
198	197-1/2"
199	—
200	—
201	200-13/16"
202	—
203	—
204	—
205	204-1/16"
206	—
207	—
208	207-3/8"
209	—
210	—
211	210-5/8"
212	—
213	—
214	213-15/16"
215	—
216	—
217	—
218	217-3/16"
219	—
220	—
221	220-1/2"
222	—
223	—
224	223-3/4"
225	—
226	—
227	—
228	227-1/16"
229	—
230	—
231	230-5/16"
232	—
233	—
234	233-5/8"
235	—
236	—
237	236-7/8"
238	—
239	—
240	—
241	240-1/8"
242	—
243	—
244	243-7/16"
245	—
246	—
247	246-11/16"
248	—
249	—
250	250"
251	—
252	—
253	—
254	253-1/4"
255	—
256	—
257	256-9/16"
258	—
259	—
260	259-13/16"
261	—
262	—
263	—
264	263-1/8"
265	—
266	—
267	266-3/8"
268	—
269	—
270	269-11/16"
271	—
272	—
273	272-15/16"
274	—
275	—
276	—
277	276-1/4"
278	—
279	—
280	279-1/2"
281	—
282	—
283	282-13/16"
284	—
285	—
286	—
287	286-1/16"
288	—
289	—
290	289-9/16"
291	—
292	—
293	292-13/16"
294	—
295	—
296	—
297	296-1/8"
298	—
299	—
300	299-3/8"
301	—
302	—
303	302-11/16"
304	—
305	—
306	305-15/16"
307	—
308	—
309	—
310	309-1/4"
311	—
312	—
313	312-1/2"
314	—
315	—
316	315-13/16"
317	—
318	—
319	—
320	319-1/16"
321	—
322	—
323	322-5/16"
324	—
325	—
326	325-5/8"
327	—
328	—
329	328-7/8"
330	—
331	—
332	—
333	332-3/16"
334	—
335	—
336	335-7/16"

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LENS


UNIFORM

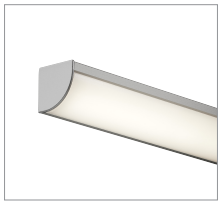

SEMI-UNIFORM


IMAGING

45 DEGREE ROUND			
WHITE LENS		FROSTED LENS	
STATIC WHITE	WARM DIM	STATIC WHITE	WARM DIM
UNIFORM	SEMI-UNIFORM	SEMI-UNIFORM	IMAGING

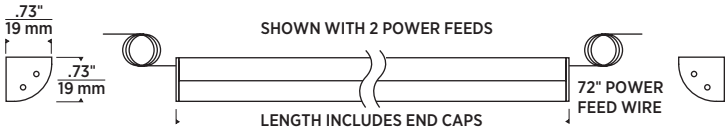
FINISH OPTIONS


BLACK


SATIN ALUMINUM

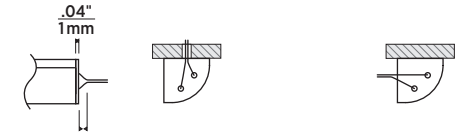

WHITE (PAINTABLE)

DIMENSIONS




SHOWN WITH 1 POWER FEED LEFT SHOWN WITH 1 POWER FEED RIGHT

END CAP THICKNESS:



REQUIRED CLEARANCE

REQUIRED CLEARANCE:
0.13" (3 mm) TO ROUTE
INTO MOUNTING SURFACE

0.25" (6 mm) TO ROUTE
PARALLEL TO MOUNTING SURFACE

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FACTORY VS. FIELD ASSEMBLED

Complete fixtures are ordered under a single part number and may be factory or field assembled. Factory assembled fixtures offer the easiest installation when the precise measurements are known. Field assembled fixtures may be the preferred solution if the exact measurements are unknown. Field assembled fixtures allow the channel and lens to be cut in the field prior to installing the LED strip and end caps. Both ordering options include all required components to install the complete fixture (excludes power supply).

FACTORY ASSEMBLED
- Offers the easiest installation when the precise measurements are known
- Complete fixture ships fully assembled and includes mounting hardware (excludes power supply)
- 96" (8 ft) maximum fixture length

FIELD ASSEMBLED
- May be preferred if the exact installation measurements are unknown
- Fixture ships unassembled and includes mounting hardware and end caps (excludes power supply)
- The LED tape ships with soldered leads
- The channel and lens can be cut in the field to exact measurements prior to installing the LED strip and end caps
- LED strip runs the entire length of the fixture

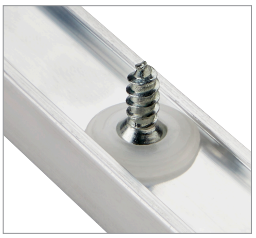
FIELD ASSEMBLED EXPLODED VIEW



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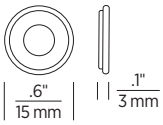
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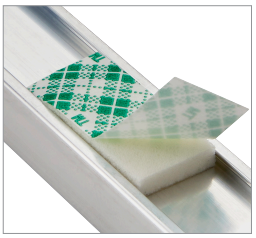
OPTIONAL MOUNTING HARDWARE



SURFACE FIXED MOUNTING CLIP
The fixed mounting clip is provided with the fixed mounting option. For fixtures measuring two feet or less, three clips are needed, fixtures longer than two feet require clips to be placed every two feet. Fixture can be easily assembled to the mounting surface using the included wood screws, allowing it to snap into place securely. Once installed, the clip remains completely concealed within the fixture. If you intend to mount the fixture on surfaces other than wood, you will need to acquire alternate screws/anchors, as they are not included. For wall-mounted fixtures positioned vertically, we recommend using double-sided tape.

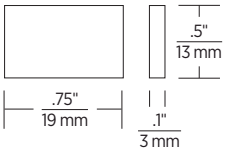
ORDERING INFORMATION
ESCLPSF06 SURFACE FIXED MOUNTING CLIP, QTY 1





DOUBLE-SIDED MOUNTING TAPE
Easy-to-apply, high-bond tape is used as a hardware-free alternative mounting solution for a secure hold. Double-sided tape is included with the fixed mounting option. Fixtures two feet or less require three tape pieces, and fixtures longer than two feet require tape every two feet. Once the fixture is installed, the double-sided tape is concealed within the fixture.

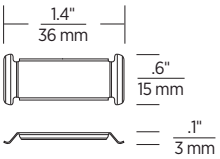
ORDERING INFORMATION
ESTPDS75 DOUBLE-SIDED MOUNTING TAPE, QTY. 1



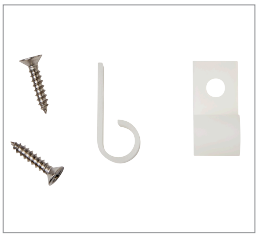


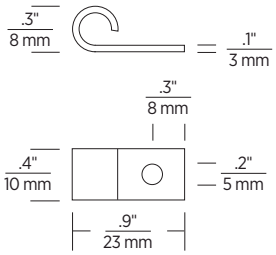
MAGNETIC MOUNTING CLIP
The magnetic clip secures channels to magnetic surfaces. Fixtures two feet or less require three clips, and fixtures longer than two feet require clips every two feet. Included screws allow this clip to be used with non-magnetic surfaces.

ORDERING INFORMATION
MAGNETIC MOUNTING CLIPS ARE FACTORY INSTALLED. CHOOSE THE MAGNETIC MOUNTING TYPE (G) IN THE ORDERING GRID.



ACCESSORIES

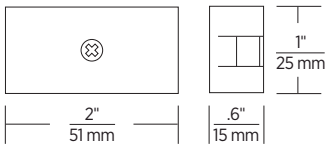




WIRE MANAGEMENT CLIP
Wire management clips help route and conceal wiring.

ORDERING INFORMATION
ESLTCLPJ WIRE MANAGEMENT CLIPS, QTY 10





SPLICE BOX
Splice box is used to house low-voltage wire connections.

ORDERING INFORMATION
ESLTSBB SPLICE BOX, BLACK, QTY 1
ESLTSBW SPLICE BOX, WHITE, QTY 1

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REMOTE POWER SUPPLIES

All power supplies are Damp Location Listed.

POWER SUPPLY	ITEM NUMBER	MINIMUM[1] DIMMING LEVEL	FEATURES
REVERSE-PHASE, FORWARD-PHASE, TRIAC			
 INDOOR - 60W  INDOOR - 96W	**60W:** ESPR06024ELV120 8.1"L x 4.1"W x 1.8"H **96W:** ESPR10024ELV120 13.5"L x 4.5"W x 2.4"H	0.2%	• 120V input voltage; 24VDC output voltage • Complies with CEC 2019 Title 24 Part 6
0-10V			
 INDOOR - 60W  INDOOR - 96W	**Standard** **60W:** ESPR06024010120-277 8.1"L x 4.1"W x 1.8"H **96W:** ESPR10024010120-277 13.5"L x 4.5"W x 2.4"H	5%	• Universal 120V-277V input voltage; 24VDC output voltage • Complies with CEC 2019 Title 24 Part 6
 INDOOR - 60W AND 96W	**EldoLED LINEARdrive** **60W:** ESPR060241010120-277 8.1"L x 4.1"W x 1.8"H **96W:** ESPR100241010120-277 8.1"L x 4.1"W x 1.8"H	0.1%	
LUTRON HI-LUME ECOSYSTEM / 3-WIRE 0.1% DIMMING			
 INDOOR - 100W	**100W:** ESPR10024HLECO120-277 10.5"L x 5.5"W x 2"H	0.1%	• Used when a Lutron Hi-lume control system is required • Universal 120V-277V input voltage; 24VDC output voltage • Complies with CEC 2019 Title 24 Part 6 • Static white only; not available with warm dim
NON-DIMMING			
 INDOOR - 60W AND 96W	**60W:** ESPR06024ND120-277 8.1"L x 4.1"W x 1.8"H **96W:** ESPR10024ND120-277 8.1"L x 4.1"W x 1.8"H	Not dimmable	• Used when dimming is not required • Universal 120V-277V input voltage; 24VDC output voltage

[1]Minimum dimming levels vary by dimmer. For more information reference the ESSENCE architectural light channels and LED tape dimmer compatibility chart available for download on visualcomfort.com.

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PROJECT INFORMATION

JOB NAME AND INFORMATION

FIXTURE TYPE AND QUANTITY

NOTES

VISUAL COMFORT & CO.
ARCHITECTURAL COLLECTION
FORMERLY KNOWN AS TECH LIGHTING
7400 Linder Avenue, Skokie, Illinois 60077
T 847.410.4400 | visualcomfort.com

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