

Project Name:

Type:

Quantity:

## FIXTURE SPECIFICATIONS

### INTENDED USE

The Alcon 12100-8-R Linear Wet Recessed LED is an IP68-rated wet-location fixture suitable for under-cabinet, millwork ground recessed, and ceiling recessed applications.

### FEATURES

**Construction:** Aluminum construction with frosted lens and one 72" lead wire.

**Driver:** Remote IP66-rated universal driver capable of 0-10V, MLV, ELV, TRIAC dimming to 1%.

**Wiring:** 72" lead wire enters the back of the fixture.

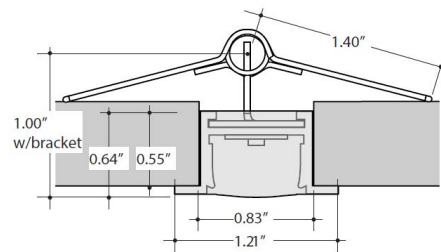
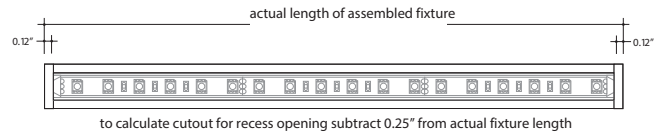
**Voltage:** LED 24VDC & driver 120-277V

**CRI:** 95+

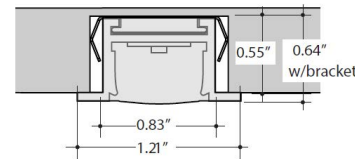
**Listings:** Class 2 listed for wet locations, cULus, IP68, RoHS, IC Rated, Made in USA.

Approved for closet/storage space installation per NEC 410.16(A)(3) and 410.16(C)(5)

**Warranty:** 3 years carefree for parts & components (labor not included)



**Gypsum surface mounting bracket**  
option, for surfaces such as drywall, plaster, etc.



**Hard surface mounting bracket**  
option, for surfaces such as wood, stone, tile, etc.



## ORDERING INFORMATION Example: (12100-8-R-2-5L-SL-27K-C-GS)

Model	Length <sup>1</sup>	Lumen per foot	Finish <sup>7</sup>		Color Temp	Lens	Mounting
12100-8-R	2	5L	SL <sup>Standard</sup>	NI	27K	F <sup>Standard</sup>	GS <sup>4</sup>
	2 Foot	500 lumen	Silver	Nickel	2700K	Frosted	Gypsum surface mounting bracket
	3	7L	BK	MBK	30K	C	HS <sup>5</sup>
	3 Foot	750 lumen	Black	Matte Black	3000K	Clear	Hard surface mounting bracket
	4		BZ	AB	35K		NB <sup>6</sup>
	4 Foot		Bronze	Aged Brass	3500K		No Bracket
	6		WH	PG <sup>8</sup>	40K		
	6 Foot		White	Polished Gold	4000K		
	8			CH <sup>8</sup>			
	8 Foot			Chrome			
10							
10 Foot							
CRxx <sup>2,3</sup>	Continuous Run						

<sup>1</sup> Please view second page for actual length & lumen chart  
<sup>2</sup> 26-foot max run length with 5L lumen package  
<sup>3</sup> 15-foot max run length with 7L lumen package  
<sup>4</sup> For drywall and plaster applications  
<sup>5</sup> For wood, stone and tile applications  
<sup>6</sup> Adhesive material to be provided by others  
<sup>7</sup> Extended lead times will apply on all finishes other than silver  
<sup>8</sup> Polished Gold finishes have a maximum fixture length of 48", and Chrome finishes have a maximum fixture length of 72".

### LENGTH SPECIFICATIONS FOR 5L OPTION

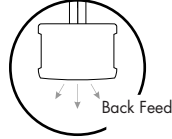
	Nominal Length (in)	Actual Length (in)	Watts	Nominal Length (in)	Actual Length (in)	Watts	Nominal Length (in)	Actual Length (in)	Watts	Nominal Length (in)	Actual Length (in)	Watts
12	10-11/16	8.3	8.3	47	---	---	82	81	45.4	117	116 3/16	61.1
13	12 2/16	8.3	8.3	48	47 4/16	28.2	83	82 7/16	46.3	118	117 9/16	62.1
14	13 8/16	8.9	8.9	49	48 11/16	29.3	84	83 13/16	46.7	119	119	62.5
15	14 15/16	9.5	9.5	50	---	---	85	---	---	120	---	---
16	---	---	---	51	50 1/16	29.9	86	85 4/16	47.2	121	120 6/16	63.5
17	16 5/16	10.1	10.1	52	51 8/16	31.0	87	86 10/16	48.1	122	121 13/16	63.8
18	17 12/16	11.3	11.3	53	52 14/16	31.5	88	---	---	123	---	---
19	---	---	---	54	---	---	89	88 1/16	48.5	124	123 3/16	64.2
20	19 2/16	11.9	11.9	55	54 5/16	32.1	90	89 7/16	49.4	125	124 10/16	64.9
21	20 9/16	13.1	13.1	56	55 11/16	33.1	91	90 14/16	49.9	126	---	---
22	21 15/16	13.7	13.7	57	---	---	92	---	---	127	126	65.2
23	---	---	---	58	57 2/16	33.7	93	92 4/16	50.3	128	127 7/16	65.9
24	23 6/16	14.3	14.3	59	58 8/16	34.8	94	93 11/16	51.2	129	128 13/16	66.3
25	24 12/16	15.5	15.5	60	59 15/16	35.3	95	---	---	130	---	---
26	---	---	---	61	---	---	96	95 1/16	51.7	131	130 4/16	66.6
27	26 3/16	16.1	16.1	62	61 5/16	35.9	97	96 8/16	52.6	132	131 10/16	67.3
28	27 9/16	17.3	17.3	63	62 12/16	36.9	98	97 14/16	53.0	133	---	---
29	29	17.9	17.9	64	---	---	99	---	---	134	133 1/16	67.6
30	---	---	---	65	64 2/16	37.4	100	99 5/16	53.5	135	134 7/16	68.2
31	30 6/16	19.1	19.1	66	65 9/16	38.4	101	100 11/16	54.4	136	135 14/16	68.5
32	31 13/16	19.7	19.7	67	66 15/16	38.9	102	---	---	137	---	---
33	---	---	---	68	---	---	103	102 2/16	54.8	138	137 4/16	68.8
34	33 3/16	20.3	20.3	69	68 6/16	39.4	104	103 8/16	55.7	139	138 11/16	69.3
35	34 10/16	21.6	21.6	70	69 12/16	40.4	105	104 15/16	56.1	140	---	---
36	---	---	---	71	---	---	106	---	---	141	140 1/16	69.6
37	36	22.2	22.2	72	71 3/16	40.9	107	106 5/16	56.5	142	141 8/16	70.2
38	37 7/16	23.3	23.3	73	72 9/16	41.9	108	107 12/16	57.4	143	142 14/16	70.5
39	38 13/16	23.9	23.9	74	74	42.4	109	---	---	144	---	---
40	---	---	---	75	---	---	110	109 2/16	57.9			
41	40 4/16	24.4	24.4	76	75 6/16	43.2	111	110 9/16	58.8			
42	41 10/16	25.5	25.5	77	76 13/16	43.7	112	111 15/16	59.3			
43	---	---	---	78	---	---	113	---	---			
44	43 1/16	26.0	26.0	79	78 3/16	44.1	114	113 6/16	59.7			
45	44 7/16	27.1	27.1	80	79 10/16	45.0	115	114 12/16	60.7			
46	45 14/16	27.7	27.7	81	---	---	116	---	---			

### LENGTH SPECIFICATIONS FOR 7L OPTION

Nominal Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts	Length (in)	Actual Length	Watts	Nominal Length (in)	Actual Length	Watts
12	11 8/16	7.6	47	46 5/16	28.2	82	81 2/16	50.4	117	---	---
13	13	7.6	48	47 13/16	29.5	83	82 10/16	51.7	118	117 8/16	72.8
14	---	---	49	---	---	84	---	---	119	119	73.3
15	14 8/16	8.9	50	49 5/16	30.1	85	84 3/16	52.3	120	---	---
16	---	---	51	50 14/16	31.4	86	85 11/16	53.6	121	120 8/16	74.4
17	16	9.5	52	---	---	87	---	---	122	---	---
18	17 9/16	10.7	53	52 6/16	32.0	88	87 3/16	54.2	123	122	74.8
19	---	---	54	53 14/16	33.3	89	88 11/16	55.5	124	123 8/16	75.6
20	19 1/16	11.4	55	---	---	90	---	---	125	---	---
21	20 9/16	12.6	56	55 6/16	34.0	91	90 3/16	56.2	126	125 1/16	76.0
22	---	---	57	56 14/16	35.2	92	91 12/16	57.5	127	126 9/16	76.8
23	22 1/16	13.2	58	---	---	93	---	---	128	---	---
24	23 9/16	14.5	59	58 7/16	36.5	94	93 4/16	58.2	129	128 1/16	77.2
25	---	---	60	59 15/16	37.2	95	94 12/16	59.5	130	129 9/16	78.0
26	25 2/16	15.1	61	---	---	96	---	---	131	---	---
27	26 10/16	16.4	62	61 7/16	38.4	97	96 4/16	60.1	132	131 2/16	78.4
28	---	---	63	62 15/16	39.1	98	97 13/16	61.4	133	132 10/16	79.2
29	28 2/16	17.0	64	---	---	99	---	---	134	---	---
30	29 10/16	18.2	65	64 8/16	40.4	100	99 5/16	62.0	135	134 2/16	79.6
31	---	---	66	66	41.0	101	100 13/16	63.2	136	135 10/16	80.3
32	31 3/16	18.9	67	---	---	102	---	---	137	---	---
33	32 11/16	20.1	68	67 8/16	42.3	103	102 5/16	63.8	138	137 2/16	80.6
34	---	---	69	---	---	104	103 13/16	65.0	139	138 11/16	81.3
35	34 3/16	20.7	70	69	42.9	105	---	---	140	---	---
36	35 11/16	22.0	71	70 8/16	44.2	106	105 6/16	65.6	141	140 3/16	81.7
37	---	---	72	---	---	107	106 14/16	66.8	142	141 11/16	82.4
38	37 3/16	22.6	73	72 1/16	44.9	108	---	---	143	---	---
39	38 12/16	23.9	74	73 9/16	46.1	109	108 6/16	67.4	144	143 3/16	82.7
40	---	---	75	---	---	110	109 14/16	68.5			
41	40 4/16	24.5	76	75 1/16	46.7	111	---	---			
42	41 12/16	25.7	77	76 9/16	48.0	112	111 7/16	69.6			
43	---	---	78	---	---	113	112 15/16	70.1			
44	43 4/16	26.4	79	78 2/16	48.6	114	---	---			
45	44 13/16	27.6	80	79 10/16	49.8	115	114 7/16	71.2			
46	---	---	81	---	---	116	115 15/16	71.7			

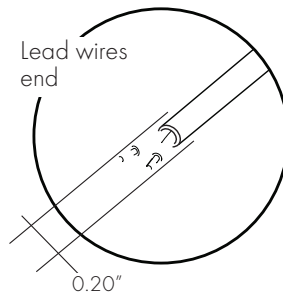
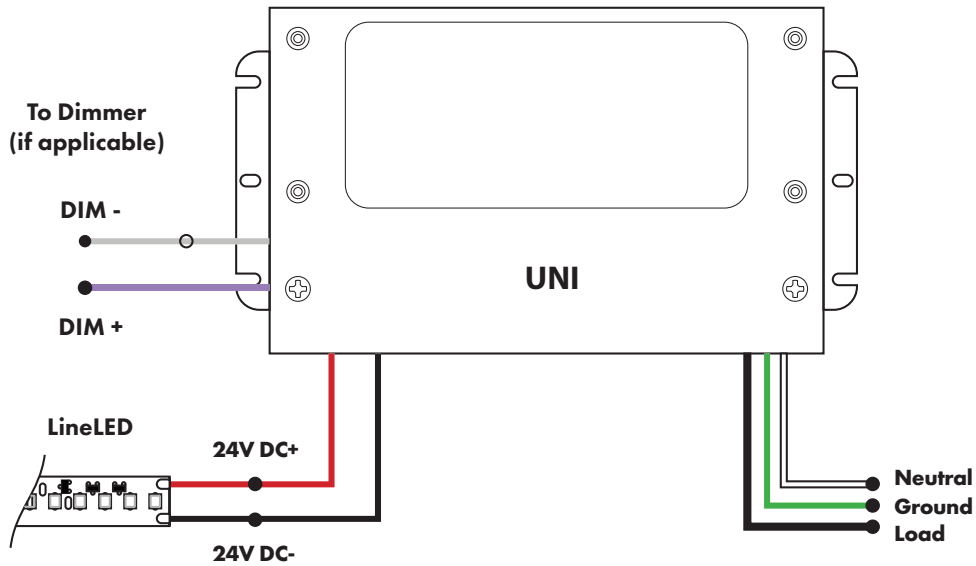
## DRIVER SPECIFICATIONS

72" lead wire enters the back of the fixture.



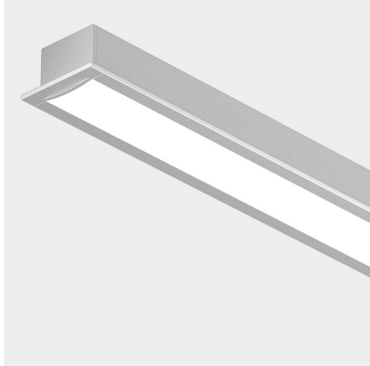
- Universal Power Supply**
- 0-10V - 1% dimming
  - MLV/ELV/TRIAC - 1% dimming

MODELS	UNI 30W	UNI 60W	UNI 96W	UNI 3X96W
<b>Length</b>	6.50"	7.40"	8.66"	11.85"
<b>Width</b>	3.73"	3.73"	3.73"	4.32"
<b>Depth</b>	1.61"	1.61"	1.61"	1.81"



FINISHES

Silver



Black



Polished Gold



Chrome



Matte Black



Aged Brass



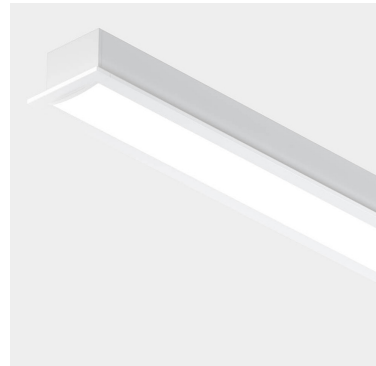
Nickel



Bronze



White



## COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
<b>WARM WHITE</b>	<b>SOFT WHITE GLOW</b>	<b>NEUTRAL GLOW</b>	<b>COOL WHITE GLOW</b>	<b>DAYLIGHT GLOW</b>
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✓	✓	✗