

MODULAR SLIM PROFILE LED  
**DL106 and DL112 Series**


Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

**PRODUCT SPECIFICATIONS**

**LED** Binned to within 3 SDCM for consistent color LED to LED

- Rated 50,000 hour life at 70% of initial lumens based on testing in a 25 degree C ambient environment with the LED junction temperatures measured below the LED manufacturer's published maximums
- Available in 90 CRI min at 3000K or 80 CRI min at 4000K and 5000K.

**Lens** Clear or Frosted ABS.

**Construction** LED's are surface mounted on thermally conductive printed circuit board which is in direct contact with an extruded aluminum base for efficient thermal dissipation

- Designed for even LED spacing over linear runs.

**Finish** Clear anodized aluminum.

**Drivers** Class 2, 24-volt DC electronic remote mount drivers (ordered separately) are available in wattages ranging from 25 to 96 watts • Allow 6 watt per foot • Dimmable drivers are compatible with approved 0-10V or 3-wire fluorescent dimmers.

**Labels** UL/C-UL listed for use in damp locations. 3000K meets high efficiency requirements of CEC T24.

Product specifications subject to change without notice.

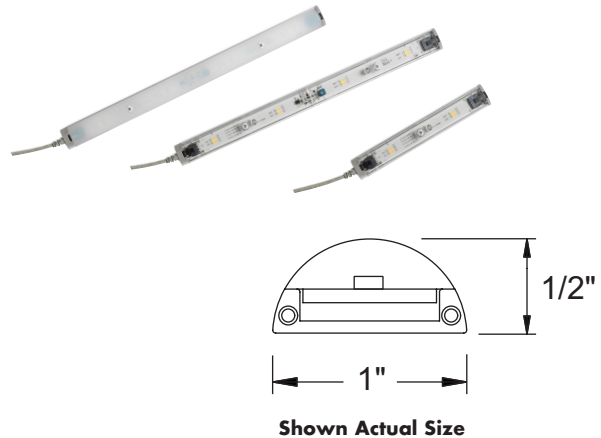
**INSTALLATION**

Modular "plug-together" system for easy installation. Up to 16 one-foot fixtures (32 six-inch) can be joined together in a single run using either in-line connectors or jumper cables (ordered separately). One starter power cable and one end-cap required for each run (ordered separately).

**Applications** Applications include, but are not limited to, shelf and display lighting, under cabinet lighting, task lighting, cove lighting and hand rails.

**Mounting Hardware** One 3/4" (6" fixture), two 3/4" (12" fixture) long type A Philips Pan Head screws suitable for mounting to wood or metal surfaces are supplied • Other mounting screws may be substituted as required to mount to other types of surfaces.

**Optional Mounting Extrusions** 1" high fascia and corner mounting extrusions (ordered separately).

**DIMENSIONS**

**PRODUCT CODES**
**5 1/2" Slim LED Fixtures**

Cat. #	CCT	MIN CRI	Watts Typ	Max	Lens	Fixture Lumens
<b>DL106-930-C</b>	3000K	90	2.5	3	Clear	152
<b>DL106-840-C</b>	4000K	80	2.5	3	Clear	187
<b>DL106-850-C</b>	5000K	80	2.5	3	Clear	208
<b>DL106-930-F</b>	3000K	90	2.5	3	Frosted	114
<b>DL106-840-F</b>	4000K	80	2.5	3	Frosted	140
<b>DL106-850-F</b>	5000K	80	2.5	3	Frosted	156

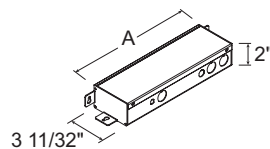
**1 1/2" LED Fixtures**

Cat. #	CCT	MIN CRI	Watts Typ	Max	Lens	Fixture Lumens
<b>DL112-930-C</b>	3000K	90	5	6	Clear	317
<b>DL112-840-C</b>	4000K	80	5	6	Clear	367
<b>DL112-850-C</b>	5000K	80	5	6	Clear	414
<b>DL112-930-F</b>	3000K	90	5	6	Frosted	237
<b>DL112-840-F</b>	4000K	80	5	6	Frosted	275
<b>DL112-850-F</b>	5000K	80	5	6	Frosted	310

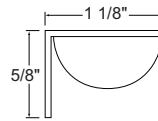
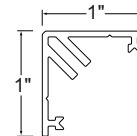
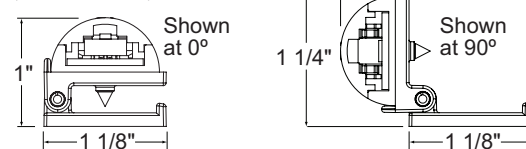
\*High CRI

**DANALITE**MODULAR SLIM PROFILE LED  
**DL106 and DL112 Series****ORDERING INFORMATION:** Remote Electronic DriversExample: **DLD-96E-DIM**

Catalog No.	Watts	Options
<b>DLD</b>	<b>25E</b> 25 Watts <b>60E</b> 60 Watts <b>96E</b> 96 Watts (120-277V Input)	<b>DIM</b> Dimmable <b>RS</b> Rocker Switch <b>CP6</b> 6 ft cord and plug

**(DLD-25E / DLD-25E-DIM) A=9-1/2"****(DLD-60E / DLD-96E) A=12-1/2"****(DLD-60E-DIM / DLD-96E-DIM) A=15-1/2"****Mounting Accessories**  
(order separately)

Catalog No.	Description
<b>DL103-MS48-S</b>	48" Extruded Mounting Shield Satin Aluminum
<b>DL103-MS96-S</b>	96" Extruded Mounting Shield Satin Aluminum
<b>DL103-AME48-S</b>	48" Angle Mounting Extrusion Satin Aluminum
<b>DL103-AME96-S</b>	96" Angle Mounting Extrusion Satin Aluminum
<b>DL103-MB001</b>	Adjustable Mounting Bracket pivots 0°-90°

**Shield (DL103-MS)****45° Angle Mount (DL103-AME)****Adjustable Mounting Bracket (DL103-MB001)****APPROVED DIMMERS**

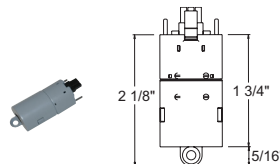
Lutron Model No.	Min. Dimming Level	Leviton Model No.	Min. Dimming Level
<b>NTF-10</b>	5%	<b>Illumatech IP710-DLX*</b>	5%
<b>NTF-10-277</b>	5%	<b>AWSMG-7DW</b>	7%
<b>PowerPAK RMJ-5T-DV-B</b>	5%		
<b>NTF-TV*</b>	5%	<b>Wattstopper Model No.</b>	<b>Min. Dimming Level</b>
<b>NTSTV-DV</b>	5%	<b>LMRC-211</b>	5%
<b>NFTV</b>	5%		
<b>Grafik Eye GRX-TVI</b>	5%		

\*Recommended dimmer.

For Additional dimmers, consult the factory or Juno Lighting Group Technical Services Department.

**ELECTRICAL FEEDS & CONNECTORS** (order separately)**END FEEDS**

One DL101-P or DL101-TB required per run.

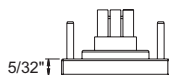
**DL101-P**  
118" Starter Power Cable (power to 1st fixture). Can be field shortened or extended.**DL101-TB**

Terminal Block Connector.

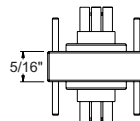
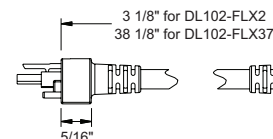
Plugs into end of LED fixture and accepts 14 through 20 gauge stranded or solid insulated wire or cable including non-metallic sheathed cable, SPT-2 lamp cord or speaker wire (supplied by others). May also be used in pairs to create custom length jumper cables.

**END CAPS**

One required per run.

**DL101-E**  
End cap**JOINER CONNECTORS**

One DL102-EE or one DL102-FLX required for each fixture to fixture connection.

**DL102-EE**  
End-to-end connector**DL102-FLX2**  
2 3/4" flexible end-to-end connector**DL102-FLX37**  
37 1/2" flexible end-to-end connector

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# DANALITE

## MODULAR SLIM PROFILE LED DL106 and DL112 Series

### MOUNTING EXAMPLES

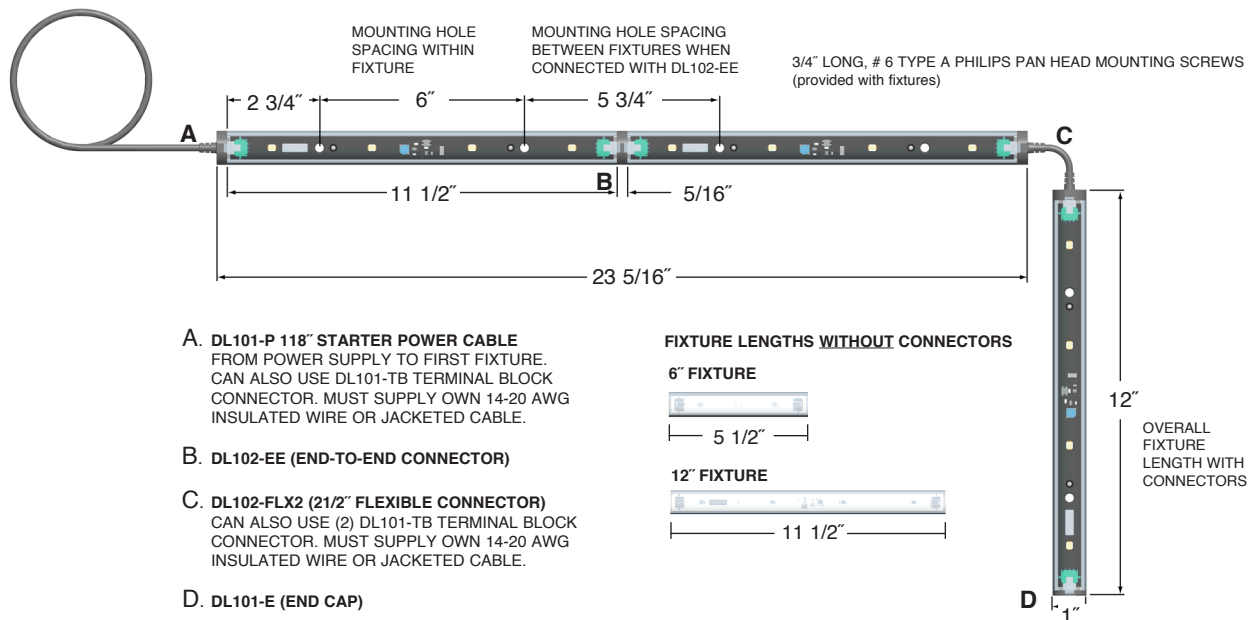


(2) Danalite LED fixtures with power cable, end-to-end connector and end cap



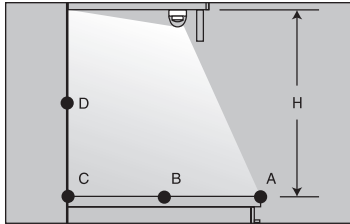
(2) Danalite LED fixtures with power cable, flexible connector and end cap

### MECHANICAL DIMENSIONS - BASED ON 12" FIXTURES



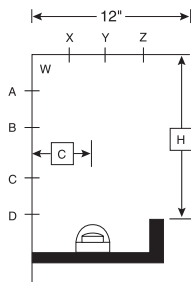
**Maximum Starter Cable Length from driver to first fixture (feet)**

# of Fixtures in Run	Joiner Type	Maximum Starter Cable Length from driver to first fixture (feet)		
		20 Gauge	18 Gauge	14 Gauge
<8	DL102-EE	100	100	100
	DL102-FLX2	100	100	100
	DL102-FLX37	100	100	100
8	DL102-EE	95	100	100
	DL102-FLX2	93	100	100
	DL102-FLX37	85	100	100
10	DL102-EE	71	100	100
	DL102-FLX2	66	100	100
	DL102-FLX37	40	65	100
12	DL102-EE	52	83	100
	DL102-FLX2	46	73	100
	DL102-FLX37	25	40	80
14	DL102-EE	37	59	100
	DL102-FLX2	33	52	100
	DL102-FLX37	—	20	60
16	DL102-EE	25	40	100
	DL102-FLX2	—	35	100
	DL102-FLX37	—	15	40

**DANALITE**MODULAR SLIM PROFILE LED  
**DL106 and DL112 Series****PHOTOMETRICS****Cabinetry Lighting Photometrics****Footcandles on Horizontal Work Surface**

LED CCT	Cat No.	Volts/Watts	Mounting Height (H)	Footcandles			
				A	B	C	D
3000K (90 CRI)	DL112-930-C	24V/4.1W	6"	20	299	32	38
			15"	29	70	43	45
			18"	25	50	36	36
			24"	20	29	25	32
4000K (80 CRI)	DL112-840-C	24V/4.1W	6"	23	350	36	43
			15"	33	79	50	53
			18"	30	58	41	43
			24"	21	35	30	35
5000K (80 CRI)	DL112-850-C	24V/4.1W	6"	25	387	44	54
			15"	38	88	57	61
			18"	33	63	47	49
			24"	25	38	33	41

Frosted Lens Multiplier = 0.75

**Cove Lighting Photometrics****Footcandles on Horizontal and Vertical Planes**

LED CCT	Cat No.	Lamp Spacing from Wall (C)	Cove Height (H)	Footcandles on Vert. Plane (Wall)					Footcandles on Horiz. Plane (Ceiling)		
				A	B	C	D	W	X	Y	Z
3000K (90 CRI)	DL112-930-C	3"	6"	188	263	324	165	276	299	222	127
		3"	9"	95	145	283	125	170	177	149	100
		3"	12"	54	88	220	118	111	113	102	77
		4"	6"	195	240	242	86	233	288	256	152
		4"	9"	104	156	215	61	156	172	156	111
		4"	12"	61	100	197	50	104	113	104	84
		5"	6"	186	195	170	72	197	263	274	179
		5"	9"	109	149	165	45	138	163	159	125
4000K (80 CRI)	DL112-840-C	3"	6"	217	298	354	172	307	344	260	154
		3"	9"	111	170	319	150	197	203	169	114
		3"	12"	64	104	245	124	127	132	116	89
		4"	6"	223	276	296	98	268	337	289	175
		4"	9"	121	180	245	68	180	200	177	126
		4"	12"	71	112	226	56	122	129	117	94
		5"	6"	215	223	223	81	226	304	307	202
		5"	9"	124	170	198	53	160	188	180	141
5000K (80 CRI)	DL112-850-C	3"	6"	241	335	422	209	353	384	288	170
		3"	9"	121	187	378	173	220	225	187	129
		3"	12"	69	110	272	154	142	145	129	99
		4"	6"	242	309	337	107	304	373	318	194
		4"	9"	132	198	279	76	201	220	195	140
		4"	12"	77	121	257	63	135	145	131	104
		5"	6"	239	252	235	93	253	342	340	225
		5"	9"	137	194	231	60	179	209	197	153
5"	12"	85	132	194	47	124	139	131	110		

Frosted Lens Multiplier = 0.75