

CONTRACTOR:		DATE:
PROJECT:		MODEL#: DLALB/600/8**-SW
PREPARED BY:		

SERIES SPECIFICATIONS

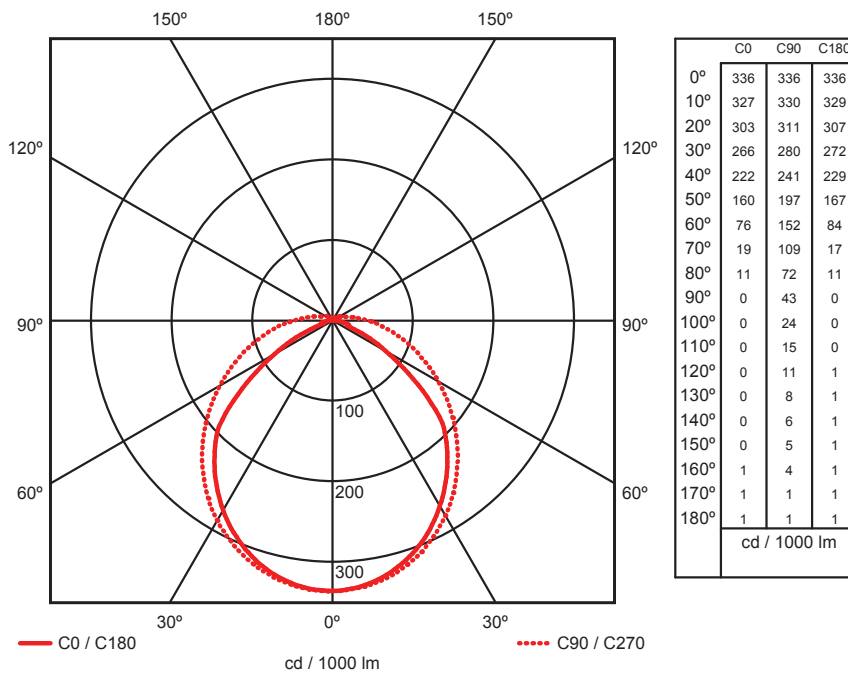


To supply and install Tamlite Accent Series of LED bar lights as specified. The bar shall operate at 24VDC. LED's shall be as specified, Epistar branded chips with a CRI of over 80 for increased colour rendering. Housings shall be constructed of anodized extruded aluminum, with a frosted polycarbonate diffuser to minimize uneven light concentrations. Fixtures shall be linkable, and contain polarized connectors to reduce the risk of incorrect wiring. Fixtures denoted as "Switched" (suffix -SW) shall include an integrated touch switch to control the fixture. The switch shall be of electrical type with no mechanical components. Driver shall be external, and not included with the fixture. The fixture shall be cULus approved.



PERFORMANCE SPECIFICATIONS

FIG.1 - Luminance Distribution Chart



Environmental Rating:

Dry / Indoor Use (IP20)

Certification Standards: cULus

Limited Product Warranty: 2 Years

Performance Guarantee: 5 Years

Beam Angle: 100°

Max Operating Temp.: 40°C

Spacing Criteria.: 1.27 (C0/180);
1.19 (C90/270)

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PERFORMANCE SPECIFICATIONS

FIG.2 - Co-efficient of Utilization

Effective Floor Cavity Reflectance - 0.20

ρCC	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
ρWALL	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
ρfc	20			20			20			20			20			0
RCR																
0	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1	1.02	.96	.93	.99	.95	.91	.94	.90	.87	.89	.86	.83	.84	.82	.80	.78
2	.88	.81	.75	.86	.79	.74	.82	.76	.71	.77	.73	.69	.74	.70	.67	.64
3	.77	.69	.62	.75	.68	.62	.72	.65	.60	.68	.63	.58	.65	.60	.56	.54
4	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.58	.53	.49	.46
5	.61	.52	.46	.60	.51	.45	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40
6	.55	.46	.40	.54	.46	.39	.52	.44	.39	.50	.43	.38	.47	.42	.37	.35
7	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.43	.38	.33	.31
8	.46	.37	.31	.45	.37	.31	.43	.36	.31	.41	.35	.30	.40	.34	.30	.28
9	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25
10	.39	.31	.26	.38	.30	.25	.37	.30	.25	.35	.29	.25	.34	.28	.24	.23

LED SPECIFICATIONS

LED Chip: Epistar
LED Type: SMD

CRI: 80+
Average Life: 50,000 hrs

Delivered Lumens: 552 lm
CCT: 3000K, 4000K

Efficacy: 50.74 lm/W

ELECTRICAL SPECIFICATIONS

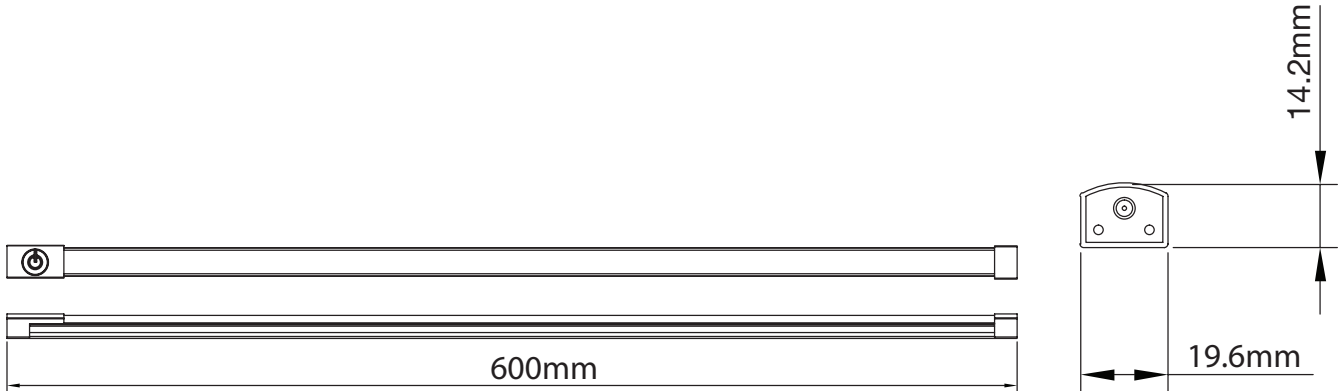
Input Voltage: 120VAC
Dimmable: No
Operating Voltage: 24VDC

Input Current: 0.0954A
Emitter Type: LED
Driver: External

Power Factor: 0.4956
Nominal Wattage: 12.0W

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PHYSICAL SPECIFICATIONS



Nominal Length: 60cm

Style: Switched

Type: Bar

Housing Material: Anodized Extruded Aluminum

Finish Type: Natural Aluminum

Lens Type: Frosted

Mounting: Surface Mount

Diffuser Material: Polycarbonate

ORDERING INFORMATION

Part Number(s):

3000K : DLALB/600/830-SW

4000K : DLALB/600/840-SW

Carton Quantity: 48

Carton Weight: 23.15 lbs - 10.5 kg

Shipping Length: 320mm - 12.6"

Shipping Width: 280mm - 11.02"

Shipping Height: 630mm - 24.80"

Shipping Weight: 0.44 lbs - 0.20 kg

Accessories:

DLALB/PSU36-WH - 36W 24VDC Power Supply (White)

DLALB/1.5C - 1.5' Connection Lead

DLALB/6C - 6' Connection Lead

DLALB/BC - Butt Connector