

CONTRACTOR:		DATE:
PROJECT:		
PREPARED BY:	MODEL#: DLALB/1000/8**-SW	

## SERIES SPECIFICATIONS

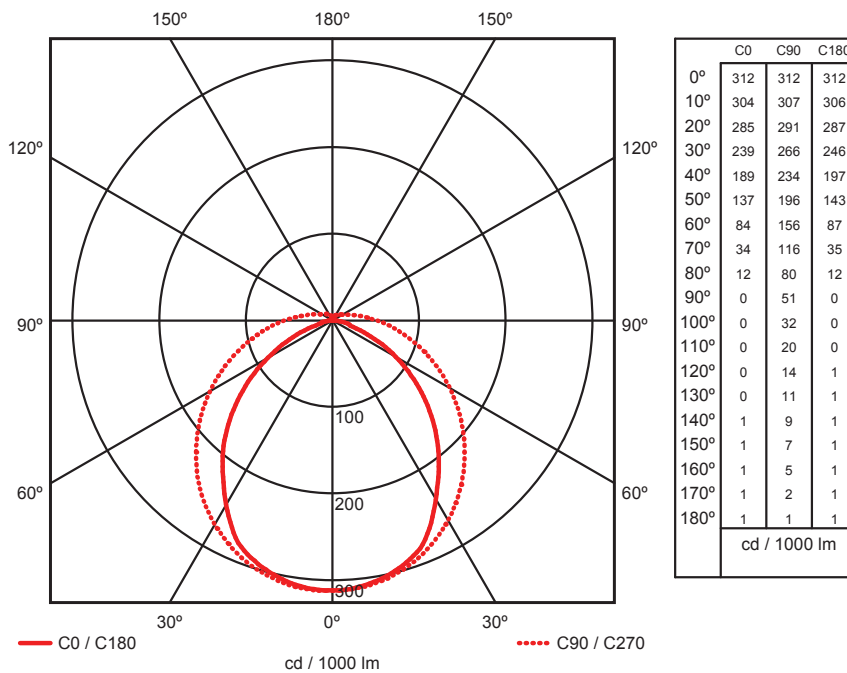


To supply and install TamLite Accent Series of LED bar lights as specified. The bar shall operate at 24VDC. LED's shall be as specified, Epistar branded chips with a CRI of over 80 for increased colour rendering. Housings shall be constructed of anodized extruded aluminum, with a frosted polycarbonate 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.:** 1.30 (C0/180);  
1.15 (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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93
1	1.01	.96	.92	.98	.93	.89	.92	.89	.85	.87	.84	.82	.82	.80	.78	.75
2	.87	.80	.74	.85	.78	.72	.80	.74	.70	.76	.71	.67	.72	.68	.65	.62
3	.76	.68	.61	.74	.66	.60	.70	.64	.58	.67	.61	.56	.63	.58	.54	.52
4	.67	.58	.51	.66	.57	.51	.62	.55	.49	.59	.53	.48	.56	.51	.47	.44
5	.60	.51	.44	.59	.50	.44	.56	.48	.43	.53	.47	.41	.51	.45	.40	.38
6	.54	.45	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.46	.40	.35	.33
7	.49	.40	.34	.48	.39	.34	.46	.38	.33	.44	.37	.32	.42	.36	.31	.29
8	.45	.36	.30	.44	.36	.30	.42	.35	.29	.40	.34	.29	.38	.33	.28	.26
9	.41	.33	.27	.40	.32	.27	.38	.31	.26	.37	.30	.26	.35	.30	.25	.24
10	.38	.30	.25	.37	.29	.24	.36	.29	.24	.34	.28	.23	.33	.27	.23	.21

## LED SPECIFICATIONS

**LED Chip:** Epistar  
**LED Type:** SMD

**CRI:** 80+  
**Average Life:** 50,000 hrs

**Delivered Lumens:** 1125 lm  
**CCT:** 3000K, 4000K

**Efficacy:** 60.70 lm/W

## ELECTRICAL SPECIFICATIONS

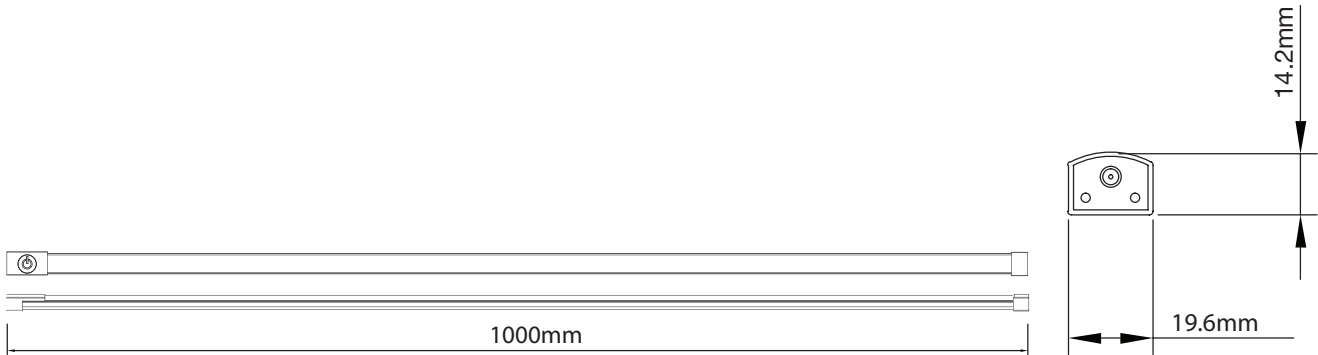
**Input Voltage:** 120VAC  
**Dimmable:** No  
**Operating Voltage:** 24VDC

**Input Current:** 0.1560A  
**Emitter Type:** LED  
**Driver:** External

**Power Factor:** 0.5162  
**Nominal Wattage:** 18.0W

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## PHYSICAL SPECIFICATIONS



**Nominal Length:** 100cm

**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/1000/830-SW

**4000K :** DLALB/1000/840-SW

**Carton Quantity:** 48

**Carton Weight:** 34.17 lbs - 15.5 kg

**Shipping Length:** 320mm - 12.6"

**Shipping Width:** 280mm - 11.02"

**Shipping Height:** 1030mm - 24.80"

**Shipping Weight:** 0.64 lbs - 0.29 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