

<b>CONTRACTOR:</b>	
<b>PROJECT:</b>	<b>DATE:</b>
<b>PREPARED BY:</b>	<b>MODEL#:</b> DLPUCK/LVLED/WW-**

## SERIES SPECIFICATIONS

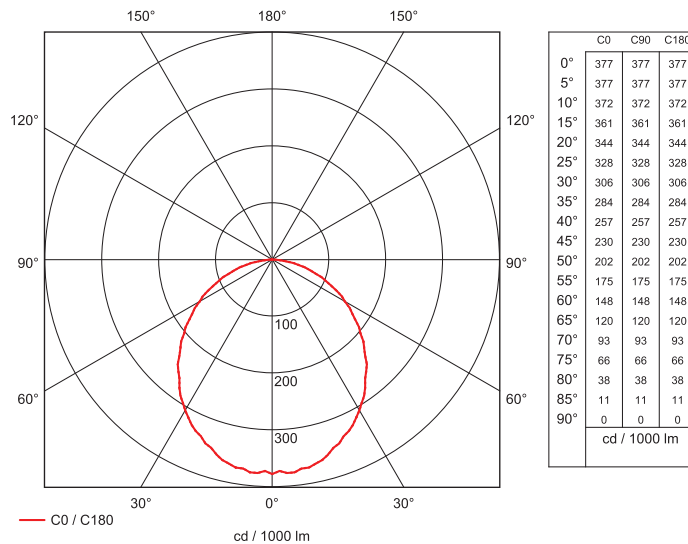


To supply and install TamLite Essentials series of LED puck lights as specified. The pucks shall operate at 12VDC. Housings shall be constructed of polycarbonate with a painted finish, and a polycarbonate diffuser. Pucks shall be wired with a polarized and mechanically latching plug to allow for puck interconnection. Pucks shall be configured for two-stage dimming. Driver shall be external and included in "kitted" versions. Pucks shall be cETLus approved.



## PERFORMANCE SPECIFICATIONS

**FIG. 1 -** Luminance Distribution Chart



**FIG. 2 -** Zonal Lumen Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	23	29.23	29.23
0-40	37	47.13	47.13
0-60	64	81.18	81.18
0-90	79	100.00	100.00
40-90	41	52.87	52.87
60-90	14	18.82	18.82
90-180	0	.00	.00
0-180	79	100.00	100.00

- Environmental Rating:** IP20
- Certification Standards:** cETLus
- Limited Product Warranty:** 2 Years
- Performance Guarantee:** 5 Years
- Beam Angle:** 100°
- Operating Temp:** 40°C
- Spacing Criteria:** 1.20 (C0/180);  
1.20 (C90/270)
- UL Classification:** Dry Location Listed

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## PERFORMANCE SPECIFICATIONS

**FIG. 4 - Co-efficient of Utilization**

**Effective Floor Cavity Reflectance - 0.20**

ρCC	80				70				50			30			10			0	
	ρWALL	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
<b>RCR</b>																			
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00	
1	1.10	1.05	1.01	.98	1.07	1.03	1.00	.96	.99	.96	.93	.95	.93	.90	.91	.90	.88	.86	
2	1.01	.94	.87	.82	.99	.92	.86	.81	.88	.83	.79	.85	.81	.78	.82	.79	.76	.74	
3	.93	.83	.75	.69	.90	.81	.74	.69	.79	.73	.68	.76	.71	.67	.73	.69	.65	.63	
4	.86	.75	.66	.60	.83	.73	.66	.60	.71	.64	.59	.69	.63	.58	.66	.62	.57	.55	
5	.79	.67	.58	.52	.77	.66	.58	.52	.64	.57	.51	.62	.55	.51	.60	.55	.50	.48	
6	.73	.60	.52	.46	.71	.59	.51	.45	.57	.50	.45	.56	.49	.44	.54	.48	.44	.42	
7	.67	.54	.45	.40	.65	.53	.45	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36	
8	.62	.49	.41	.35	.61	.48	.40	.35	.47	.40	.35	.46	.39	.34	.44	.39	.34	.32	
9	.58	.45	.36	.31	.56	.44	.36	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28	
10	.54	.41	.33	.28	.52	.40	.33	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25	

## LED SPECIFICATIONS

**LED:** Epistar

**LED Type:** SMD 2828

**CRI:** 70+

**Delivered Lumens:** 79 lm

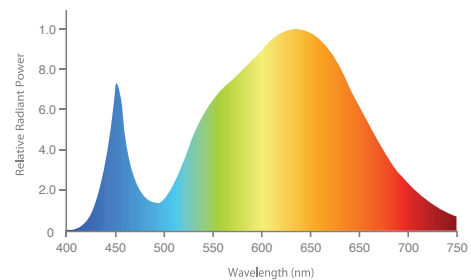
**Efficacy:** 61.5 lm/W

**Colour Temperature:** 3000K

**Average Life:** L70= 50,000 hrs

**TJ Max:** 125° C

**FIG. 5 - Spectral Power Distribution**



## ELECTRICAL SPECIFICATIONS

**Operating Voltage:** 12VDC

**Wattage:** 1.284 W

**Power Factor:** 1.0

**Emitter Type:** LED

**Current Draw:** 0.107 A

**Dimmable:** Two stage dimming

**Driver:** External

## PHYSICAL SPECIFICATIONS

**Shape:** Round

**Colour(s):** White (WH), Satin Nickel (SN)

Black (BK)

**Finish Type:** Painted Finish

**Lens Material:** PolyCarbonate

**Housing Material:** PolyCarbonate

**Lens Type:** Frosted - Prismatic

**Mounting:** Surface or Recessed

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## COLOURS & FINISHES



White (WH)

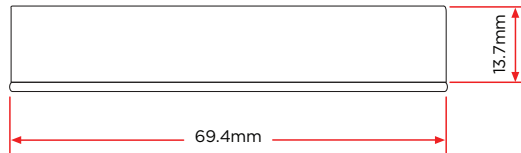
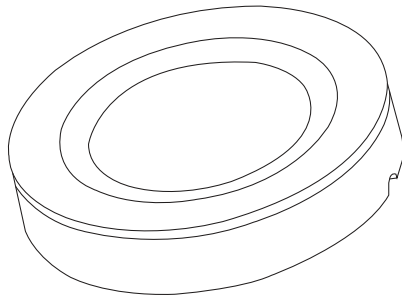


Black (BK)



Satin Nickel (SN)

## LINE DRAWING



## ORDERING INFORMATION

**Part Number:** DLPUCK1/LVLED/WW-\*\*

**Carton Quantity:** 120

**Package Quantity:** 1

**Package Length:** 5.11" - 130mm

**Carton Length:** 18.5" - 470mm

**Carton Width:** 8.85" - 225mm

**Package Width:** 9.84" - 72mm

**Package Height:** 0.78" - 20mm

**Carton Height:** 9.84" - 250mm

**Carton Weight:** 18.96 lbs - 8.6kg

**Package Weight:** 0.15lb - 0.06kg

**Optional Extras:** DLPUCK/EXT/6FT (6FT Extension), DLPUCK/EXT/18FT (18FT Extension), DLAL/SW12V-2S (12V High/Off/Low Switch), DLPUCK/LVLED/ADAPTER (LV Connector), DLAL/PSU12V-24W (24W 12V Power Supply)

**Part Number:** DLPUCK3/LVLED/WW-\*\*

**Carton Quantity:** 10

**Package Quantity:** 3 + Driver

**Package Length:** 9.05" - 230mm

**Carton Length:** 18.89" - 480mm

**Carton Width:** 10.82" - 275mm

**Package Width:** 9.29" - 236mm

**Package Height:** 2.48" - 63mm

**Carton Height:** 9.25" - 235mm

**Carton Weight:** 9.22lbs - 4.18kg

**Package Weight:** 0.80lb - 0.36kg

**Optional Extras:** DLPUCK/EXT/6FT (6FT Extension), DLPUCK/EXT/18FT (18FT Extension), DLAL/SW12V-2S (12V High/Off/Low Switch), DLPUCK/LVLED/ADAPTER (LV Connector), DLAL/PSU12V-24W (24W 12V Power Supply)