

# AMERLUX PUCK LIGHT - ADJUSTABLE

LED

APL-A  
LED

**APPLICATION:**

Display and display case lighting

**PUCK CONSTRUCTION:**

Machined aluminum body and faceplate, brushed finish with clear coat in a variety of finishes  
Steel torsion springs  
0-30° tilt, 360° rotation

**LED:**

Solid state lighting  
High output warm white  
CCT: 2740°K - 3040°K  
CRI: 85  
Life: 50,000 hrs  
Lumen maintenance: >70% or initial lumens @ 50,000 hrs  
Lumen output (typical): Spot 96,  
Narrow Flood 92, Flood 91, Wide Flood 80

**ELECTRICAL:**

**Driver (Power Supply):**

Input: 100-240V, 50-60 Hz, 0.12 A max  
Output: 12V, 0.7A  
Constant current driver 700 mA, 3w LED, 1-3pcs  
1 LED - 3 watts  
2 LEDs - 6 watts  
3 LEDs - 9 watts

Plug module on power supply allows up to 3 pucks to be attached while maintaining series wiring (power must be off while attaching pucks to power supply)  
Class II

**This product complies with IEEE C62.41 for surge endurance up to 1KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.**

**LABELING:**



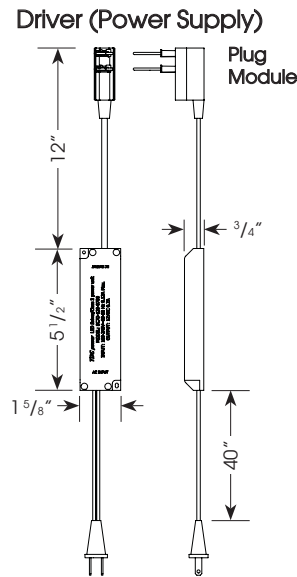
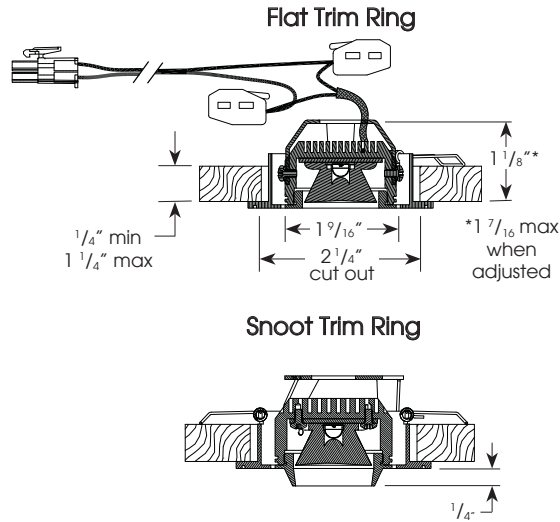
**OPTICS:**

Beam options: Spot 8°, Narrow Flood 16°, Flood 26°, Wide Flood 45°



PROJECT:

TYPE:



**ELECTRICAL**

Driver	1-LED		2-LEDs		3-LEDs	
	Operating Watts*	Amps*	Operating Watts*	Amps*	Operating Watts*	Amps*
Electronic 120v	3.5	.029	6.0	.048	8.5	.067

Class 2 constant current driver, 700 mA

Amerlux reserves the right to change details that do not affect overall function and performance.

**ORDERING INFORMATION:**

PUCK Model	Wattage	Lamp Type	Finish	Beam Spread	Lead Length	Trim Ring	Color Temp	DRIVER (power supply, order separately) Model	Wattage	Voltage
APL-A	3	LED	NA - brushed aluminum ACP - antique copper GD - gold	CL - spot 8° NF - narrow flood 16° FL - flood 26° WF - wide flood 45°	6' 20'	F - flat trim ring SN - snoot trim ring, 1/4"	3000	APL-PS	9 (feed max of 120 3 pucks)	120

Puck Example: APL-A-3-LED-NA-FL-6-F-3000

Driver Example: APL-PS-9-120

Cat#:

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GLOBAL LIGHTING SOLUTIONS

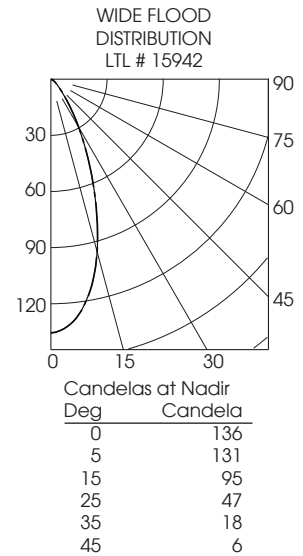
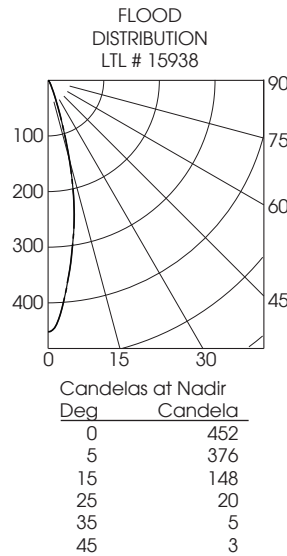
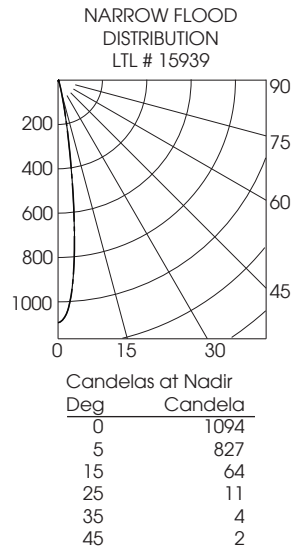
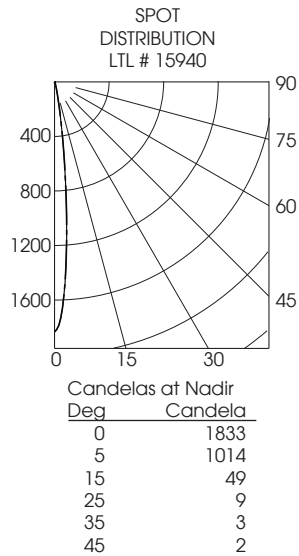
TYPE:



**FIXTURE DATA:**

Complete photometric data (ies format) available upon request.

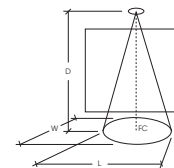
**3W LED**



**APPLICATION DATA:**

**Notes and Definitions:**

Beam spread is to 50% center beam candlepower (CBCP).  
 D=Distance to floor or wall.  
 FC=Footcandles on floor or wall at center beam aiming location.  
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).  
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).  
 CB=Distance across or down to center beam location.



0° Aiming Angle  
Horizontal  
Footcandles

	D	FC	L	W
SPOT	2.0'	456	.99	.99
	4.0'	114	1.03	1.03
	6.0'	51	1.16	1.16
	8.0'	29	1.45	1.45
NARROW FLOOD	2.0'	273	1.0	1.0
	4.0'	68	1.08	1.08
	6.0'	30	1.36	1.36
	8.0'	17	2.02	2.02
FLOOD	2.0'	113	1.02	1.02
	4.0'	28	1.52	1.52
	6.0'	13	2.39	2.39
	8.0'	7	3.14	3.14
WIDE FLOOD	2.0'	34	1.27	1.27
	4.0'	9	2.75	2.75
	6.0'	4	3.91	3.91
	8.0'	2	5.32	5.32