

TANTUS RADIUS LED, EU

Surface Mounted Downlight - Adjustable high power LED, extruded aluminum body and signature aluminum apure© louver. High performance Cree LEDs combined with precision optics for maximum performance. LED lifetime rated for 50,000 hours, given electrical specifications are met.

Construction

- Formed steel lamp holder with 360° rotation and 37° adjustment from nadir, via double-axis pivot for maximum center beam optical performance.
- Extruded aluminum body with anodized finish combined with signature magnetic aluminum apure© louver, available in various colors and combinations.
- 300mA LED driver required for optimal performance and LED longevity. Dimming through 0-10v.
- Made in Germany, Design by Porsche Design Studio.

Lamp Module

- 11W Cree LED module, includes integrated heat sink, and LED holder with adapter compatible with apure LED reflectors.

Related Accessories

- AA0-10 - 10° aluminum LED reflector
- AA0-17 - 17° metalized molded plastic LED reflector
- AA0-24 - 24° metalized molded plastic LED reflector
- AA0-25 - 25° aluminum LED reflector
- AA0-36 - 36° metalized molded plastic LED reflector
- AA0-45 - 45° aluminum LED reflector
- AA3-300 - 300mA Driver (120-277V)

Mounting

- Mounts to standard 10.2cm (4") or 8.89cm (3.5") octagonal ceiling junction box.

Additional Information

- Powder coat louver only available with powder coat body finish.

ORDERING INFORMATION

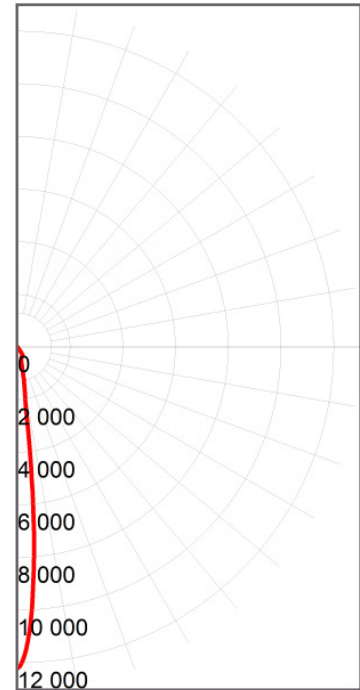
SERIES NO.	ADJUSTABLE	BODY FINISH	LOUVER FINISH	COLOR TEMP.	DRIVER
AP61 - surface mounted 11W LED downlight	A - adjustable downlight	WH - white powder coat NA - natural anodized BA - black anodized	WH - white powder coat NA - natural anodized BA - black anodized TI - titan anodized GO - gold anodized BR - bronze anodized GM - gun metal anodized RG - rose gold anodized	3080 - 3000K (80 CRI) 3090 - 3000K (90+ CRI)	EU - requires driver

AP61A- __ / __ - ____ -EU

ORDERING EXAMPLE AP61A-WH/WH-3080-EU

Delivered Performance	11 watts	
Colored Rendering index	80 CRI	90+ CRI
Lumens per Watt	78	59
Source Lumens	1015	761
Delivered Lumens	861	646

Polar Candela Distribution



Illuminance at a Distance

Distance	Center Beam fc	Beam Width
2.0 ft	2840.87 fc	0.5 feet
4.0 ft	710.22 fc	1.1 feet
6.0 ft	315.65 fc	1.3 feet
8.0 ft	177.55 fc	1.7 feet
10.0 ft	113.63 fc	2.1 feet
12.0 ft	78.91 fc	2.2 feet
14.0 ft	57.98 fc	2.5 feet
16.0 ft	44.39 fc	2.8 feet

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	759.6	88.22%
0-40	859.5	99.82%
0-60	860.8	99.98%
60-90	0.2	0.02%
90-120	0.0	0%

CCY Multiplier	3000K	
Color Rendering Index	80 CRI	90+ CRI
R9 Value	0	60
Multiplier for Lumen Output	1.00	0.75

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RC % RW % RCR	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
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	1.15	1.13	1.11	1.09	1.13	1.11	1.09	1.08	1.07	1.06	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97
2	1.11	1.08	1.05	1.02	1.09	1.06	1.03	1.01	1.03	1.01	0.99	1.00	0.98	0.97	0.97	0.96	0.95	0.93
3	1.08	1.03	1.00	0.97	1.06	1.02	0.99	0.96	0.99	0.97	0.94	0.97	0.95	0.93	0.95	0.93	0.92	0.90
4	1.04	0.99	0.95	0.92	1.03	0.98	0.94	0.92	0.96	0.93	0.91	0.94	0.92	0.90	0.93	0.90	0.89	0.87
5	1.01	0.96	0.91	0.88	1.00	0.95	0.91	0.88	0.93	0.90	0.87	0.92	0.89	0.87	0.90	0.88	0.86	0.85
6	0.98	0.92	0.88	0.85	0.97	0.92	0.88	0.85	0.90	0.87	0.84	0.89	0.86	0.84	0.88	0.85	0.83	0.82
7	0.96	0.89	0.85	0.82	0.95	0.89	0.85	0.82	0.88	0.84	0.82	0.87	0.84	0.81	0.86	0.83	0.81	0.80
8	0.93	0.87	0.83	0.80	0.92	0.86	0.82	0.80	0.85	0.82	0.79	0.85	0.81	0.79	0.84	0.81	0.79	0.78
9	0.91	0.84	0.80	0.78	0.90	0.84	0.80	0.78	0.83	0.80	0.77	0.82	0.79	0.77	0.82	0.79	0.77	0.76
10	0.89	0.82	0.78	0.76	0.88	0.82	0.78	0.76	0.81	0.78	0.75	0.81	0.77	0.75	0.80	0.77	0.75	0.74