

## VELO RADIUS LED, EU

**Recessed Trimless Downlight** - Adjustable, trimless (2mm edge) high power LED with 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 40° adjustment from nadir, via double-axis pivot for maximum center beam optical performance.
- Milled aluminum and anodized fixture body, combined with signature magnetic aluminum apure© louver, available in various colors and combinations.
- 300mA LED driver required for optimal performance and LED longevity.
- 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.

### ORDERING INFORMATION

SERIES NO.	ADJUSTABLE	FIXTURE FINISH	LOUVER FINISH	COLOR TEMP.	DRIVER
AP71 - 11W LED downlight trimless	A - adjustable downlight	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 drivers

AP71A- \_\_ / \_\_ - \_\_\_\_ - EU

**ORDERING EXAMPLE** AP71A-NA/NA-3080-EU

### Related Accessories (one reflector per fixture required)

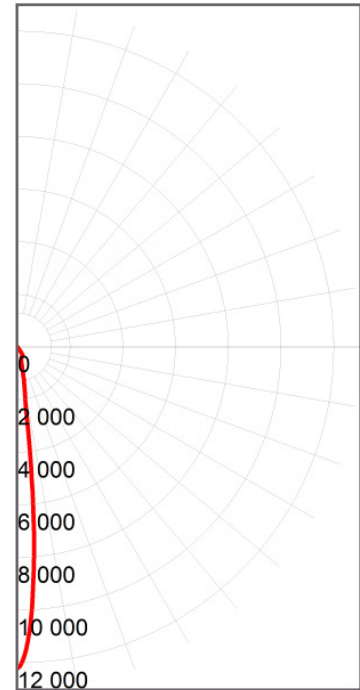
- AA0-10 - 10° aluminum LED reflector
- AA0-17 - 17° metalized molded plastic LED reflector
- AA0-24 - 24° metalized molded plastic LED reflector
- AA0-25 - 25° aluminum LED reflector
- AA0-36 - 36° metalized molded plastic LED reflector
- AA0-45 - 45° aluminum LED reflector
- AA3-300 - 300mA Driver (120-277V)
- AP7-BRD-EU - Velo Installation Board EU

### Additional Information

- 300mA driver available for purchase (AA3-300) as a separate accessory for use with LED fixtures.
- Easy installation when used in conjunction with Velo installation board (AP7-BRD-EU).
- Damp location.
- Minimum ceiling depth - 100mm

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

**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%

<b>CCY Multiplier</b>	<b>3000K</b>	
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