

VELO RADIUS LED, EU

Recessed Trimless Downlight - Fixed, trimless (2mm edge) fixture utilizing a single Cree LED with signature aluminum apure© louver. High performance LED combined with precision optics for maximum performance. LED lifetime rated for 50,000 hours.

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.
- Made in Germany, Design by Porsche Design Studio.

Electrical

- 13W Electrical Consumption, 350ma Maximum current, 36V Typical forward voltage.
- Driver not included

ORDERING INFORMATION

SERIES NO.	ADJUSTABLE	FIXTURE FINISH	LOUVER FINISH	COLOR TEMP.	DRIVER
AP71 - 13W 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)

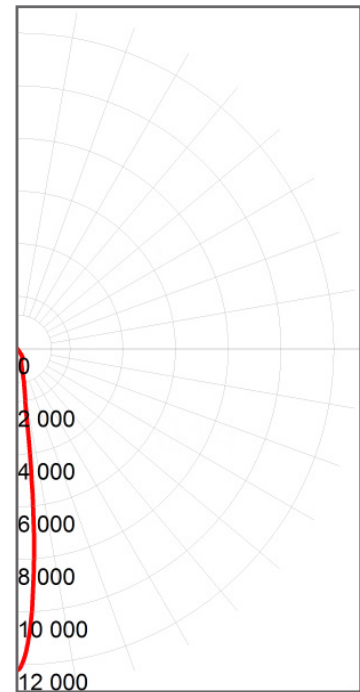
- AA010 - 10° aluminum LED reflector
- AA017 - 17° metalized molded plastic LED reflector
- AA024 - 24° metalized molded plastic LED reflector
- AA025 - 25° aluminum LED reflector
- AA036 - 36° metalized molded plastic LED reflector
- AA045 - 45° aluminum LED reflector
- AA3-300 - 300mA Driver 0-10V dimmable (120-277V)
- AA3-350 - 350mA Driver ELV Phase dimmable (120-277V)
- AP7-BRD-EU - Velo Installation Board EU

Additional Information

- Drivers available for purchase (AA3-300 & AA3-350) 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

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