

1180, 1181 & 1182 COB IN-GRADE FIXTURES

1180 drive-over, **1181** marker-light and **1182** in-grade from Vista Architectural Lighting utilize integrated Chip-On-Board (COB) LED technology and precision optics to achieve high performance distributions of various spreads with controlled cutoff. A patented magnetic hot aiming system on the 1182 allows the rotation of internal tilt optics without opening the fixture. A piston gasket on the perimeter of the factory sealed lamping module creates a water tight seal to the Rough-In-Section (RIS) making this non-flow-through luminaire ideal for indoor applications as well as outdoor installations where drainage is not practical. The small aperture and unibody construction of the RIS provide significant load strength, making this recessed in-grade suitable for use where vehicle drive over is a requirement. Three light distributions are available with outputs of 287 to 1300 delivered lumens in color temperatures from 2700°K to 5000°K.



1181 Marker-Light:
5" (Diameter);
4" (Depth)
1" (Height above grade)



1180 Drive-Over:
7 $\frac{3}{4}$ " (Diameter);
4" (Depth)
1" (Height above grade)



1182 In-Grade:
5" (Diameter);
4" (Depth)

PRODUCT ADVANTAGES

- » Patented magnetic hot aiming; 360° rotation of internal tilt optics without opening the fixture
- » Chip-On-Board (COB) LED technology from 2700°K to 5000°K; outputs of 287 to 1300 delivered lumens
- » Low profile 4" fixture height and non-flow-through design are ideal for indoor applications
- » Unitized housing designed for drive over applications
- » Optical distributions: Very Narrow Spot, Narrow Spot, Medium Flood and Wide Flood available for the 1182 Series; Type IV marker indicating illumination available for 1181 Series
- » Dimming options include Phase Cut TRIAC and 0-10VDC
- » Wet location, IC and Non-IC indoor (walls only), and outdoor rated



1625 Surveyor Ave | Simi Valley, CA 93063
t: 805-527-0987 | 800-766-VISTA (8478) | f: 888-670-VISTA (8478)
email@vistapro.com | vistapro.com



**ARCHITECTURAL
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1180, 1181 & 1182 SERIES SPECIFICATIONS

LIGHT SOURCE

LED:

- » Cree® CXB 1310 COB driven at 350mA
- » 2700°K, 3000°K, 3500°K, 4000°K, or 5000°K CCT
ANSI white 4 step Cree® Easy White™ bins
- » 1092-1300 Delivered Lumens (Dimmable)
- » 287-1084 Delivered Lumens (Fixed Output)
- » 13 Watts (Dimmable)
- » 6-12 Watts (Fixed Output)

OPTICS/AIMING:

- » Fixture aiming achieved via a series of tilt optic lenses and patented magnetic aiming system
- » TIR/Reflectorized optics designed for maximum performance and uniformity
- » Very Narrow Spot (11 FWHM), Narrow Spot (19 FWHM), Medium Flood (38 FWHM) and Wide Flood (57 FWHM)

ELECTRICAL:

- » Constant current 350mA output driver
- » Dual-Volt DV 120V or 277V input
- » Phase Cut TRIAC and 0-10V dimming available

FIXTURE

DOOR:

- » Machined and passivated stainless steel or anodized/ powdercoat die-cast A360 aluminum; with captive stainless steel fasteners

FIXTURE HOUSING:

- » Injection-molded, glass-reinforced polymer
- » Unibody construction allows for superior door and optic housing support

OPTIC/DRIVER HOUSING:

- » Die-cast A360 aluminum
- » Post hard anodized Class III and Thermokote® finished for maximum corrosion protection
- » Optic and driver compartments separately sealed while being electrically connected
- » Electronic LED drivers are completely potted to protect electronics from moisture

Magnetic Hot Aiming:

The 1182 In-Grade features a patented magnetic hot aiming system that allows for rotation of tilted optics without opening the fixture.

A Vista-supplied magnetic card is externally applied to the fixture's lens and then mated with a magnet affixed to the pre-installed tilt optics.



With the card and magnet mated, the internal tilt optics can be rotated up to 360° within the fixture.



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