



RAL 9004 -SIGNAL BLACK

A modern take on the traditional bollard available in two heights to suit a variety of applications, and with an indirect light source to reduce glare.

- Aluminium die-cast lamp head and extruded aluminium body, available in two heights.
- High transparency polycarbonate diffuser.
- Indirect light source offering high visual comfort and even light distribution.
- High quality LED chips and driver.
- UV protected pure polyester powder coated housing offering high corrosion resistance.
- Integrated switch to select colour temperature between 3000K and 4000K.
- RAL9004, other RAL colours available on request.



Product Specification

CODE	OPTIC	LED Qty	CCT	LUMENS	CRI	POWER	IP	IK	WEIGHT
ABO-9-118-180-H100	130°	28	3000/4000	754/799	>80	9W	IP65	IK09	3.0
ABO-9-118-180-H30	130°	28	3000/4000	754/799	>80	9W	IP65	IK09	1.7
ABO-12-118-360-H100	130°	42	3000/4000	1138/1199	>80	12W	IP65	IK09	3.0
ABO-12-118-360-H30	130°	42	3000/4000	1138/1199	>80	12W	IP65	IK09	1.7
ABO-15-196-180-H100	130°	60	3000/4000	1641/1735	>80	15W	IP65	IK09	8.7
ABO-25-196-360-H80	130°	80	3000/4000	2357/2484	>80	25W	IP65	IK09	8.7
ABO-25-196-360-H180-EM/ST	130°	80	3000/4000	2357/2484	>80	25W/2W	IP65	IK09	9.2

General Specification

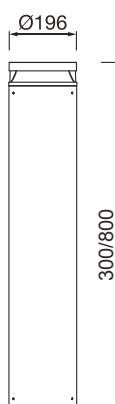
Input voltage	100-240V
Input frequency	50/60Hz
Surge protection	0.5KV
LED Chips	2835
Lifetime	L70 90,000hours L80 57,000 hours L90 28,000 hours
SDCM	SDCM<6
Class	Class I
Ambient temperature	-20°C to +50°C
Material	High pressure die-cast aluminium housing with PC cover
Finish	Polyester powder coat cured under heat
RAL colour	RAL9004

Driver Details

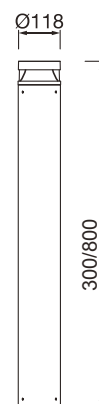
Product	ABO-9-118-180-H100	ABO-9-118-180-H30	ABO-12-118-360-H100	ABO-12-118-360-H30
Driver	Eaglerise			
Dimming control	/			
Driver current	350mA	350mA	500mA	500mA
Inrush current	30A Max	30A Max	30A Max	30A Max
Power factor	>0.90	>0.90	>0.90	>0.90

Product	ABO-15-196-180-H100	ABO-25-196-360-H80	ABO-25-196-360-H80-EM
Driver	Eaglerise		
Dimming control	/		
Driver current	350mA	700mA	700mA
Inrush current	30A Max	20A Max	20A Max
Power factor	>0.90	>0.90	>0.90

Dimensions



ABO-196



ABO-118