

AVALON



The Avalon light fixture is DLEDs proposal for illuminating all kinds of urban spaces. The modern LED technology of the product aesthetically and efficiently enhances every type of urban situations, from squares to streets, from green areas to residential areas.

FEATURES

- Unique combination of modern/decorative line and functional street optics.
- Full optics cut-off.
- High comfort for road users thanks to a very low level of glare.
- Compliant with all regional laws for the reduction of light pollution.
- Modern design without rear fins and integrated heat sink internally.

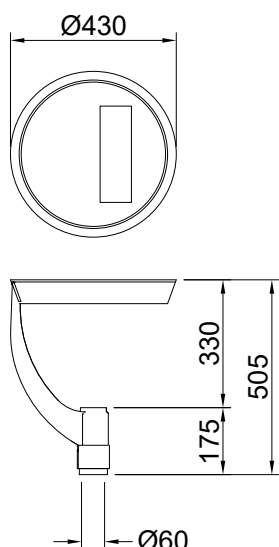
Available control systems

- 1-10V / DALI.
- Virtual midnight.
- Wireless (Zhaga Book 18).
- Powerline.
- Lineswitch.

TECHNICAL DATA

LED type	Detas by Lumileds
Step Mac-Adam	3
LED driver	Philips - Tridonic
Nominal Input voltage [V]	220-230V~ 50/60Hz
Surge protection	10kV
Efficiency up to	158lm/W (D) - 177lm/W (P)
Rated abrupt failure value Tp,Tc	F10 @ 100.000h, <0,02% @ 1000h
Rated median useful life [hrs] @Tc	L90B10 >100.000h
Power factor	>0,95
Housing material	Supercast® die-cast aluminum
Protective glass type	Tempered
Glass thickness [mm]	5
Colour temperature	2200K - 3000K - 4000K - 5700K
Colour rendering index (CRI)	>70
Degree of protection (EN 60529)	IP65 (Optic IP67)
IK code (EN 62262)	IK08
Insulation class	I & II
Operating temperature [°C]	-25 ÷ +50
Wind-exposed surface [m²]	Side: 0.06m² / Top: 0.14m²
Housing colour	RAL 9005 Jet black - Embossed
Weight [Kg]	6,3

DIMENSIONS



OPTICS

201A	205A	206A	208A	213A	214A
215A	217A	218S	247A	250A	277A

Other optics available on the website

MODELS

	Total power [W]	Overall flux [lm]	Optical flux [lm]
16P350	16	2834	3211
16P440	20	3511	4067
16P530	25	4168	4944
16P600	28	4691	5637
16P700	33	5412	6637
16P830	40	6275	7954
16P1000	49	7297	9719

Reference configuration: Optic 206A - 4000 K



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