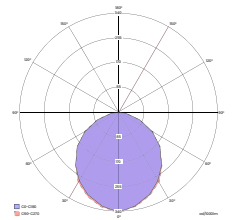


Astreo-AL

Recessed

Astreo-AL recessed 235mm Ø LED anti-vandal, anti-ligature downlight. Designed for secure healthcare, hospital and prison facilities, Heavy duty fabricated steel bezel secured with anti tamper screws. Suitable for numerous application, in a variety of lumen packages and reflectors options. Designed with unique cast housing, to operate with high lumen outputs.

- Efficacy of up to 117 lm/w.
- Colour temperatures: 3000°k, 4000°k or Tunable White (2700°k - 5700°k).
- Colour Finishes: White (9016), Black (9005) or Silver (9006). Other RAL colours, available on request.
- Optic options: Flush or Dome optics available.
- Dimming options: DALI 1-100% Dim, DSI, Switch Dim, 1-10v.
- Wireless control options: Casambi.
- Emergency options: Standard 3hr, Self-Test, Dali addressable or 3Hr Dali Wireless Sentinel.
- Special projects: RGBW available upon request*.



A-Flush

Technical

Product	Astreo-AL
Mounting type	Recessed
Lumens	1010 - 2441 Lm
Efficacy	Up to 117 lm/w
Colour Temperature	Warm White (3k) Neutral White (4k) Tunable White (2.7k >5.7k) RGBW*
Dimming	DALI 1-100%, DSI, 1-10V, Casambi
Emergency	3 hour, DALI, Self-Test, 3 hour DALI Wireless Sentinel
Colour rendering	Ra80+
IP Rating	IP20
Safety Class	Class 1
MacAdam	SDCM 3
L70/B10	>75K

* Please contact P&A Technical Department for assistance

Luminaire Order Builder

Astreo-AL (Flush Opal diffuser)

STEP 1.	STEP 2.	STEP 3.	STEP 4.	STEP 5.	STEP 6.
Select Current	Optics	CCT	Control	Finish	Emergency
20 200mA 1010 Lm - 8.9W	FL Flush opal diffuser	3K 3000K	FO Fixed Output	W RAL9016M	E3 Standard 3 Hour
25 250mA 1243 Lm - 10.7W		4K 4000K	A1 DALI 1-100% Dim	B RAL9005	ED DALI/EMPRO
30 300mA 1494 Lm - 13W		TW 2700K - 5700K Tunable white	A2 DSI	S RAL9006	ES Self-Test
35 350mA 1721 Lm - 14.8W		RBGW Red, Green, Blue, White	A3 Switch Dim	Z Custom	EW 3 hour DALI Wireless Sentinel
40 400mA 1974 Lm - 16.8W			A4 1-10v		
45 450mA 2206 Lm - 18.9W			A5 Casambi		
50 500mA 2357 Lm - 21W					

All electrical and optical data subject to $\pm 10\%$ tolerances. Values based on 4000K Colour temperature.

Example Code: AAL35FLG4KA1WE3

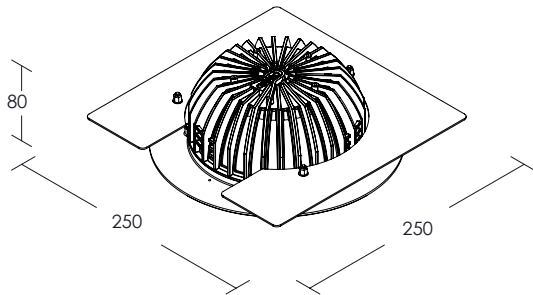
Astreo-AL (Opal dome diffuser)

STEP 1.	STEP 2.	STEP 3.	STEP 4.	STEP 5.	STEP 6.
Select Current	Optics	CCT	Control	Finish	Emergency
20 200mA 1010 Lm - 8.9W	D Opal dome	3K 3000K	FO Fixed Output	W RAL9016M	E3 Standard 3 Hour
25 250mA 1243 Lm - 10.7W		4K 4000K	A1 DALI 1-100% Dim	B RAL9005	ED DALI/EMPRO
30 300mA 1493 Lm - 13W		TW 2700K - 5700K Tunable white	A2 DSI	S RAL9006	ES Self-Test
35 350mA 1726 Lm - 14.8W		RBGW Red, Green, Blue, White	A3 Switch Dim	Z Custom	EW 3 hour DALI Wireless Sentinel
40 400mA 1966 Lm - 16.8W			A4 1-10v		
45 450mA 2207 Lm - 18.9W			A5 Casambi		
50 500mA 2441 Lm - 21W					

All electrical and optical data subject to $\pm 10\%$ tolerances. Values based on 4000K Colour temperature.

Example Code: AAL35DG4KA1WE3

P&A Astreo-AL



Dimensions

L	D	L	W	H
Astreo	235Ø	N/A	N/A	80
AL-Patress plate	N/A	250	250	1.2

Finish

RAL	Code	Colour Swatch
White	9016M	
Black	9005	
Silver	9006	
Custom*	Custom*	

All dimensions are measured in millimetres (mm)
Hole cut out size: 175mmØ

*Custom Colours upon request

IP20
IP20
Protection of fingers against access to hazardous parts, and protection against objects larger than 12.5mm



Safety Class
Class I Safety: chassis is connected to earth with a separate terminal, instead of via the mains cable



Warranty
5 year Guarantee



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Datasheet Code: PA-10001-0

UK CA CE BS EN60598-1:2015 ISO 9001 Certification

