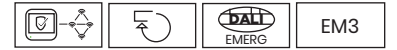
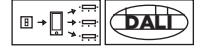


3K 4K

IP20

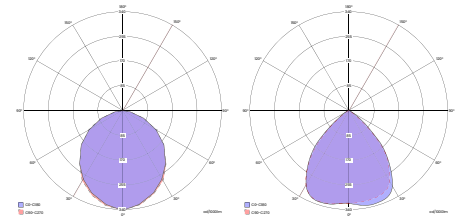


Astreo M

Recessed

Astreo M recessed 147mm Ø LED downlight suitable for any application, various lumen packages, reflectors and attachments available. Complements the Astreo range with a smaller form factor.

- Efficacy of up to 96 lm/W.
- Colour temperatures: 3000°k or 4000°k.
- Colour Finishes: White (9016), Black (9005) or Silver (9006). Other RAL colours, available on request.
- Optic options: Flush, Dome, Diamond facet and Specular
- 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.



AM-Flush

AM-Specular

Technical

Product	Astreo M
Mounting type	Recessed
Lumens	803 - 1684 Lm
Efficacy	Up to 96 lm/W
Colour Temperature	Warm White (3K) Neutral White (4K)
Dimming	DALI 1-100%, DSI, 1-10V, Casambi
Emergency	3 hour, DALI, Self-Test, DALI Wireless Sentinel
Colour rendering	Ra80+
IP Rating	IP20
Safety Class	Class 1
MacAdam	SDCM 3
L70/B10	>75K

Luminaire Order Builder

AM (Diamond Facet)

STEP 1. Select Current	STEP 2. Optics	STEP 3. FINIO	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Emergency
30 300mA 980Lm - 10.8W	DF Diamond facet	CL Clear	3K 3000K	FO Fixed Output	W RAL9016M	E3 Standard 3 Hour
35 350mA 1113 Lm - 12.1W		FR Frost	4K 4000K	A1 DALI 1-100% Dim	B RAL9005	ED DALI/EMPRO
40 400mA 1277 Lm -13.7W		G Green		A2 DSI	S RAL9006	ES Self-Test
45 450mA 1428 Lm -15.3W		B Blue		A3 Switch Dim	Z Custom	EW 3 hour DALI Wireless Sentinel
50 500mA 1548 Lm -16.8W		R Red		A4 1-10v		
55 550mA 1684 Lm -18.4W		O Orange		A5 Casambi		

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

Example Code: AM50DFG4KAIWE3

AM (Specular)

STEP 1. Select Current	STEP 2. Optics	STEP 3. FINIO	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Emergency
30 300mA 976 Lm - 10.7W	SP Specular	CL Clear	3K 3000K	FO Fixed Output	W RAL9016M	E3 Standard 3 Hour
35 350mA 1104 Lm - 12W		FR Frost	4K 4000K	A1 DALI 1-100% Dim	B RAL9005	ED DALI/EMPRO
40 400mA 1274 Lm -13.7W		G Green		A2 DSI	S RAL9006	ES Self-Test
45 450mA 1411 Lm - 15.3W		B Blue		A3 Switch Dim	Z Custom	EW 3 hour DALI Wireless Sentinel
50 500mA 1540 Lm - 16.8W		R Red		A4 1-10v		
55 550mA 1679 Lm -18.4W		O Orange		A5 Casambi		

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

Example Code: AM50SPG4KAIWE3

Luminaire Order Builder

AM (Flush Diffuser)

STEP 1. Select Current	STEP 2. Optics	STEP 3. CCT	STEP 4. Control	STEP 5. Finish	STEP 6. Emergency
30 300mA 1027 Lm - 11.8W 35 350mA 1168 Lm - 13.5W 40 400mA 1325 Lm - 15.4W 45 450mA 1464 Lm - 17.4W 50 500mA 1580 Lm - 19.1W 55 550mA 1707 Lm - 21W	FL Flush opal diffuser	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

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

Example Code: AM50FL4KAIWE3

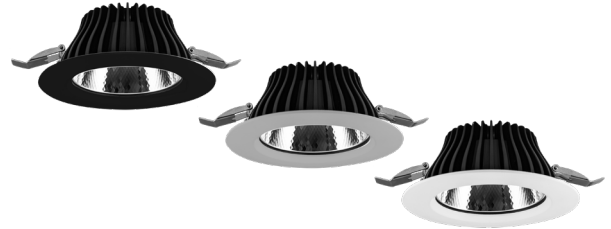
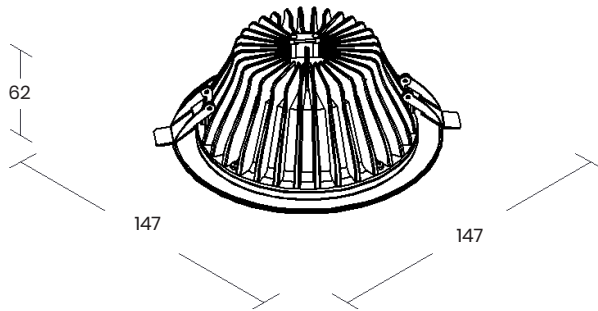
AM (Opal dome diffuser)

STEP 1. Select Current	STEP 2. Optics	STEP 3. FINIO	STEP 4. CCT	STEP 5. Control	STEP 6. Finish	STEP 7. Emergency
30 300mA 1027 Lm - 11.8W 35 350mA 1168 Lm - 13.5W 40 400mA 1325 Lm - 15.4W 45 450mA 1464 Lm - 17.4W 50 500mA 1580 Lm - 19.1W 55 550mA 1707 Lm - 21W	D Opal dome	CL Clear FR Frost G Green B Blue R Red O Orange	3K 3000K 4K 4000K	FO Fixed Output A1 DALI 1-100% Dim A2 DSI A3 Switch Dim A4 1-10v A5 Casambi	W RAL9016M B RAL9005 S RAL9006 Z Custom	E3 Standard 3 Hour ED DALI/EMPRO ES Self-Test EW 3 hour DALI Wireless Sentinel

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

Example Code: AM50DG4KAIWE3

P&A Astreo M



Dimensions

W	H	Finish	Code	Colour Swatch
147Ø	62	White	9016M	
		Black	9005	
		Silver	9006	
		Custom*	Custom*	

All dimensions are measured in millimetres (mm)
Hole cut out size: 122mmØ

*Custom Colours upon request

Ancillaries images

Blue FINIO Diffuser Attachment Green FINIO Diffuser Attachment Orange FINIO Diffuser Attachment Blue FINIO Diffuser Attachment



Specular diamond facet reflector Flush Opal Diffuser attachment Specular Diamond facet with dome and FINIO attachment



IP20

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



Safety Class
Class 1 Safety: chassis is connected to earth with a separate terminal, instead of via the mains cable



Warranty
5 year Guarantee



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www.pandaprojects.co.uk

Datasheet Code: PA-10272-0

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

