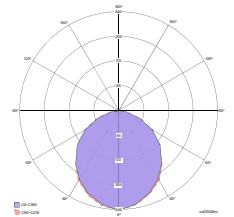


# Astreo M-AL

## Recessed

Astreo M-AL is anti-vandal, anti-ligature recessed 147mm Ø LED downlight. Designed for secure healthcare, hospital and prison facilities, various lumen packages. Heavy duty fabricated steel bezel secured with anti tamper screws.

- Efficacy of up to 87lm/W.
- Colour temperatures: 3000°k or 4000°k as standard.
- 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.



AM-Flush

### Technical

Product	Astreo M-AL
Mounting type	Recessed
Lumens	1027 - 1707 Lm
Efficacy	Up to 87 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

# P&A Astreo M-AL

## Luminaire Order Builder

### AM-AL (Flush Diffuser)

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

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

Example Code: AMAL50FL4KAIWE3

### AM-AL (Opal dome diffuser)

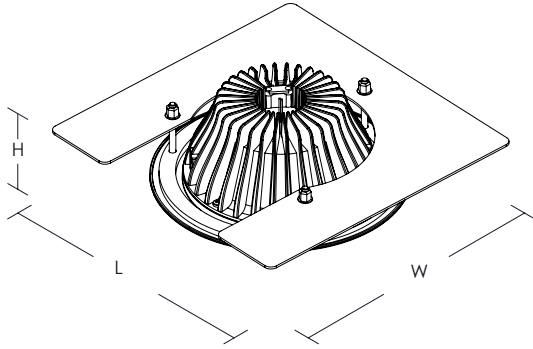
STEP 1. Select Current	STEP 2. Optics	STEP 3. CCT	STEP 4. Control	STEP 5. Finish	STEP 6. Emergency
<b>30</b> 300mA 1027 Lm - 11.8W	<b>D</b> Opal dome	<b>3K</b> 3000K	<b>FO</b> Fixed Output	<b>W</b> RAL9016M	<b>E3</b> Standard 3 Hour
<b>35</b> 350mA 1168 Lm - 13.5W		<b>4K</b> 4000K	<b>A1</b> DALI 1-100%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

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





Example Code: AMAL50D4KAIWE3



# P&A Astreo M-AL



## Dimensions

Dimensions					Finish		
Part	D	L	W	H	RAL	Code	Colour Swatch
Astreo-M	147Ø	N/A	N/A	62	White	9016M	
AL-Patress plate	N/A	200	200	1.2	Black	9005	
					Silver	9006	
					Custom*	Custom*	

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

\*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-10272-0

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

