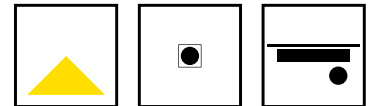


ASTRAL

DOWNLIGHT / SPOTLIGHT



KEY FEATURES

- Recessed circular void with triple adjustable spotlights
- CREE CRI 80+, PHILIPS CRI 90+ or XICATO CRI 95+ LED
- 20° Spot, 40° Medium and 60° Flood beam angles
- A wide range of power options from 9W to 30.5 W per spot
- Colour temperatures include 2700K, 3000K and 4000K
- Fixed Output, 0-10V or DALI Dimming options
- A plaster-in recessed panel (White) with Matt White, Matt Black or Anodised Aluminium bezel finishes
- Honeycomb Louver and Prismatic Lens antiglare accessories



XICATO PHILIPS

**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69

EMAIL: sales@optelma.co.uk

ISSUE DATE: 20/11/20

HEAD OFFICE

The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM

23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE

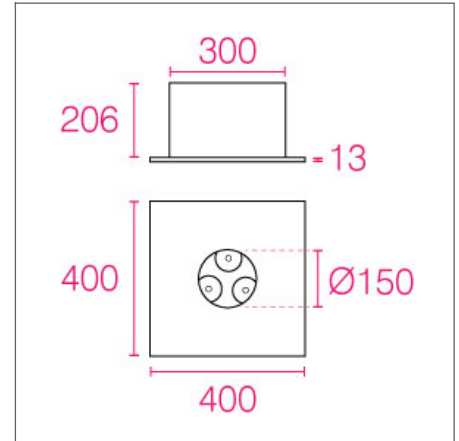
28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

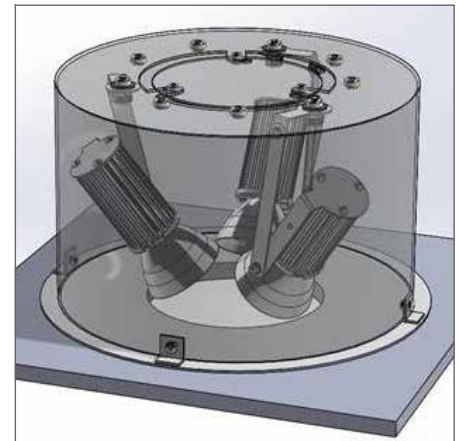
St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

ASTRAL DOWNLIGHT / SPOTLIGHT SPECIFICATIONS

PRODUCT OPTIONS	
Dimensions (mm):	150 Ø (Bezel) 400x400 (W) x 206 (H)
Lifetime:	50,000 hrs
Mounting type:	Plaster-in Recessed
Finish:	(Bezel only) Matt White, Matt Black or Anodised Aluminium
Emergency:	N/A
Operating voltage:	230V
IP Rating:	IP20
Light source:	CREE, PHILIPS or XICATO LED (see table below)
Driver:	Fixed Output, 1-10V, DALI
Colour temperature:	2700K, 3000K, 4000K
Beam Angle:	20° Spot, 40° Medium, 60° Flood
CRI:	CREE CRI 80+, PHILIPS CRI 90+ or XICATO CRI 95+
Optional Extras:	



ASTRAL DIMENSIONS (MM)

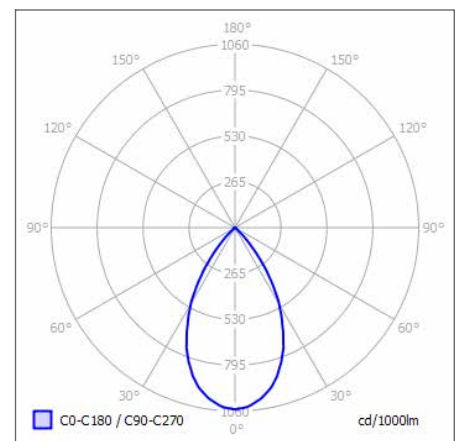


ASTRAL ADJUSTMENT DETAIL

CUSTOMISE YOUR LIGHTING SPECIFICATIONS WITH OUR RANGE OF LED SOURCES

LED Source	Colour Rendering	Output (lm)*	Power per spot (W)
CREE Low power	CRI 80+	715 lm	9 W
CREE Medium power	CRI 80+	1160 lm	15 W
PHILIPS Low power	CRI 90+	1653 lm	11.4 W
PHILIPS Med. power	CRI 90+	2298 lm	16.5 W
PHILIPS High power	CRI 90+	3095 lm	23.7 W
XICATO Low power	CRI 95+	1300 lm	13.3 W
XICATO Med. power	CRI 95+	2000 lm	20.0 W
XICATO High power	CRI 95+	3000 lm	30.5 W

* Luminaire source lumens at 4000K



POLAR CURVE XICATO LED 4000K 60°



XICATO PHILIPS

**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk
ISSUE DATE: 20/11/20

HEAD OFFICE
The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM
23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

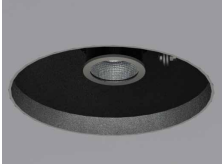
FRANCE
28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND
St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

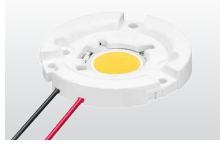
ASTRAL DOWNLIGHT / SPOTLIGHT COMPONENTS



CREE COB LED
The CREE COB LED range, CRI 80+.



ALTERNATIVE BEZEL FINISHES
Alternative Anodised and RAL painted finishes on request.



PHILIPS SLM LED
The Philips Fortimo LED range, CRI 90+.



PREMIUM DRIVERS
Fixed Output, 1-10V and DALI drivers.



XICATO XTM LED
The Xicato Artist LED range, CRI 95+.



XICATO PHILIPS

**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk

ISSUE DATE: 20/11/20

HEAD OFFICE

The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM

23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE

28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

ASTRAL DOWNLIGHT / SPOTLIGHT SPECIFICATION CODE

AAAA - BB/C/D/E - F/GGG - HHH/I								
AAAA PRODUCT ID	BB MOUNTING	C FINISH	D DRIVER	E BEAM ANGLE	F DIRECT LED	GGG CRI/ COLOUR	HHH DIAMETER/ SIZE (mm)	I EMERGENCY
AS80	PI	B	F	S	L	827	150	N/A
AS90		W	1	M	M	830		
AS95		A	D	F	H	840		
		X*				927		
						930		
						940		

- * **X** Custom Options - specify details alongside code
- PRODUCT ID **'AS80'** ASTRAL CRI 80+, **'AS90'** ASTRAL CRI 90+, **'AS95'** ASTRAL CRI 95+
- MOUNTING **'PI'** Plaster-in Recessed
- FINISH **'B'** Matt Black, **'W'** Matt White, **'A'** Anodised Aluminium
- DRIVER **'F'** Fixed Output, **'1'** 1-10V, **'D'** DALI
- BEAM ANGLE **'S'** 20° Spot, **'M'** 40° Medium, **'F'** 60° Flood
- DIRECT LED **'L'** Low power, **'M'** Medium power, **'H'** High power
- CRI / COLOUR **'827'** CRI 80+ Colour 2700K, **'830'** CRI 80+ Colour 3000K, **'840'** CRI 80+ Colour 4000K
'927' CRI 90/95+ Colour 2700K, **'930'** CRI 90/95+ Colour 3000K, **'940'** CRI 90/95+ Colour 4000K
- DIAMETER / SIZE Bezel diameter in millimetres
- EMERGENCY N/A

STANDARD

Standard fixed option products for quick and easy specification. Point source LED and Linear LED solutions, organised into Track & Spots, Downlights, Recessed, Surface, Suspended and Wall mounted solutions.

MADE-TO-MEASURE

Versatile systems and luminaires with custom specifications for project-specific lighting. Available in custom sizes and lengths, with many options including curves, corners, finishes, integrated accessories and more.

BESPOKE

Bespoke luminaires demonstrating completely custom project solutions, designed with the clients from concept to delivery. Learn about the design process and inspire your next bespoke lighting project.



XICATO PHILIPS

**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69
 EMAIL: sales@optelma.co.uk

ISSUE DATE: 20/11/20

HEAD OFFICE

The Science Park
 Abingdon
 Oxfordshire OX14 3YT
 United Kingdom

SHOWROOM

23 Bowling Green Lane
 Clerkenwell
 London EC1R 0BD
 United Kingdom

FRANCE

28 Rue Charles
 Baudelaire
 75012 Paris
 France

SWITZERLAND

St. Urbangasse 53
 Postfach 1738
 CH-4502 Solothurn
 Switzerland