PHOS
ENGINEERING LIGHT

PANO MINI EYELID SPRING
STANDARD

PANO MINI EYELID SPRING - STANDARD

The Pano Mini Eyelid Spring is a recessed, fixed ceiling, in-ground and wall light with a ø44mm minimalist bezel and features a beautifully sculpted small eyelid glare shield.

PRODUCT FEATURES

Multiple Install Applications

Fixed

Interior / Exterior

LED

IP67

Available in all Phos finishes

Interchangeable optics & accessories (pre & post install)

PHOS STANDARDS

60min fire-certified

Acoustic-rated

UK designed, manufactured and assembled

5 year warranty

OPTICS

Standard beam angles:
Eyelid

PHYSICAL PROPERTIES

Diameter ø44mm

Height 44mm

DRIVER INFORMATION
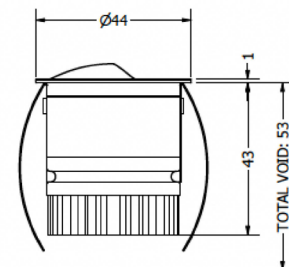
Driver Configurator (Link)

PRODUCT VIEW

DIMENSIONS

TECHNICAL SPECIFICATIONS

CCT	2700K	
Wattage	1W	3W
Beam Angles	Eyelid	
Luminaire Lumens (lm)	56	130
Circuit Watts (c/W)	2.6	5.6
Luminaire Efficacy (l/cW)	21	23
Luminace (Cd)	230	557
Forward Voltage (Vf)	2.78	2.97
Current (mA)	350	1050

CCT	3000K	
Wattage	1W	3W
Beam Angles	Eyelid	
Luminaire Lumens (lm)	63	157
Circuit Watts (c/W)	2.6	5.5
Luminaire Efficacy (l/cW)	24	28
Luminace (Cd)	251	643
Forward Voltage (Vf)	2.78	2.97
Current (mA)	350	1050

Binning	2 step MacAdams
CRI	90+
TM-30-15	Rg 96.87 Rf 91.58
Lumen Maintenance	LM80
Lifetime	50,000 hours

Dimming Options	Mains dim / Non-dim / 0-10V / DALI (dim to dark 0.01%) / Casambi
Flicker Index	0
SVM: (Visual Flicker)	0.02

Driver distance from fitting	Up to 10m (AWG 20)*
Wiring Type	Series
Accessories	Remote emergency (Maintained / Self Test)

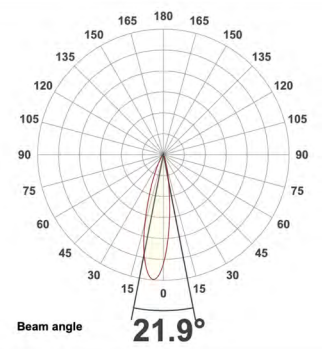*If driver distance from fitting is +10m see driver configurator document for guidance

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LIGHT CONES

Footcandles* Beam width (metres)	21.9°		Lux* Distance (metres)
0.4m	52 fcd	560 lx	1m
0.8m	13 fcd	140 lx	2m
1.2m	6 fcd	62 lx	3m
1.6m	3 fcd	35 lx	4m
1.6m	2 fcd	22 lx	5m
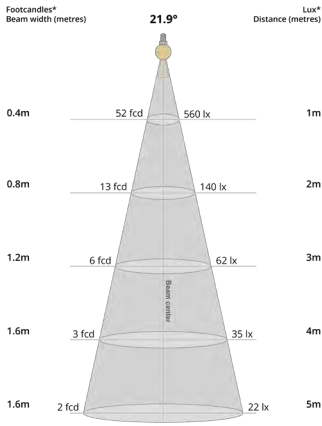
Eyelid

POLAR CURVES

Beam angle **21.9°**

Eyelid

PARTCODE BUILDER

Example Code: **MI-PE-S-WT-STD3-30-90-20-350**

Variant	Family	Bezel Finish	Engine	Power	CCT	CRI	Beam Angle	Driver Current
MI Mini	**PE-S** Pano Eyelid Spring	**WT** White Textured	**STD** Standard	**1** Watts	**27** 2700K	**90**	**20**	**350**
		B1 Anodised Black			**30** 3000K			
		*C Custom		**3** Watts				

*Codes for custom finishes can be found on the page 6.

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ACCESSORIES

Pano Mini Installation Tube
ACC-P4-TUBE
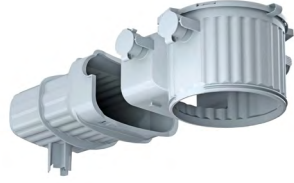
Pano Install Concrete Box
ACC-HALOX100-190+FRONT

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FINISHES

Every element of your light can be finished in any of the options below:
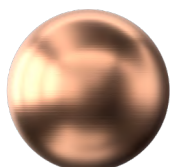
PLATED (Interior ONLY)

Antique Bronze **01**	Antique Brass **02**	Polished Chrome **03**	Satin Nickel **04**	Polished Copper **05**
Satin Copper **06**	Polished Brass **09**			

ANODISED (Interior ONLY, except Orba Exteriors)
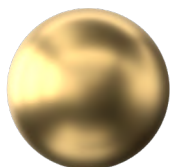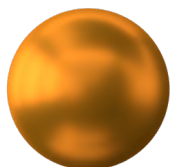
Tuba Brass **11**	Antique Gold **12**	Espresso Bronze **13**	Cocoa Bronze **14**	Ice Gold **15**
Mocha Bronze **16**	Taupe Bronze **17**	24K Gold **18**	Champagne Gold **19**	Anodised Black (9005) **B1**
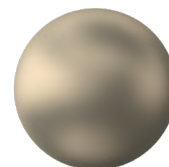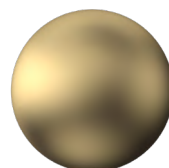
POWDER COAT (Interior & Exterior)
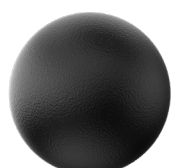
Pure White (9010) **W1**	Textured White (9010) **WT**	Textured Black (9005) **BT**	RAL Classic www.phos.co.uk/finishes	RAL Design price on application