



TROJAN

INTELLIGENT LIGHTING SOLUTIONS

POPLAR SERIES



FEATURES

In aluminium and thermoplastic material
Installation with three-phase track
355° swiveling spot, 90° tilting head

LED Source

CRI > 95
CCT: 2700K / 3000K / 4000K / 5 CCT

Optic

Lens: medium beam angle
More options on request

Driver

LED driver integrated or integrated in 3 phase adapter

Accessories

Long snoot / Asymmetrical snoot / Oval Snoot
Framing / Zoomable

Finish Colours

Black / White

POPLAR SERIES

With impressive light quality, variable zoom ,and framing capabilities, offering diverse lighting effects. Its modular design allows easy component switching to adapt to different needs. Ideal for multiple display applications, providing unparalleled precision ensuring exceptional display.



POPLAR SERIES



Round
40
coming soon



Round
50
coming soon



Round
64



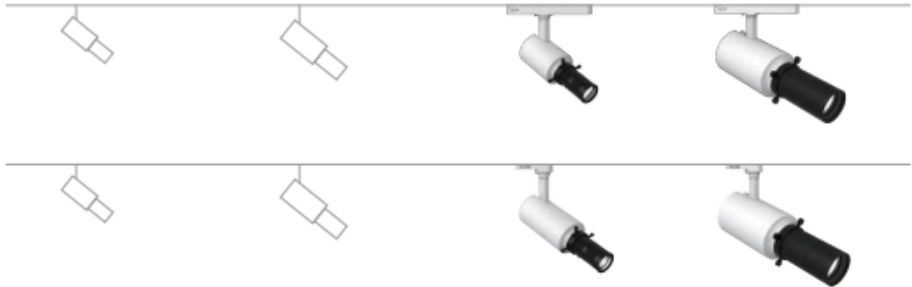
Round
90

Track
Spotlight

Standard



Framing



Zoomable



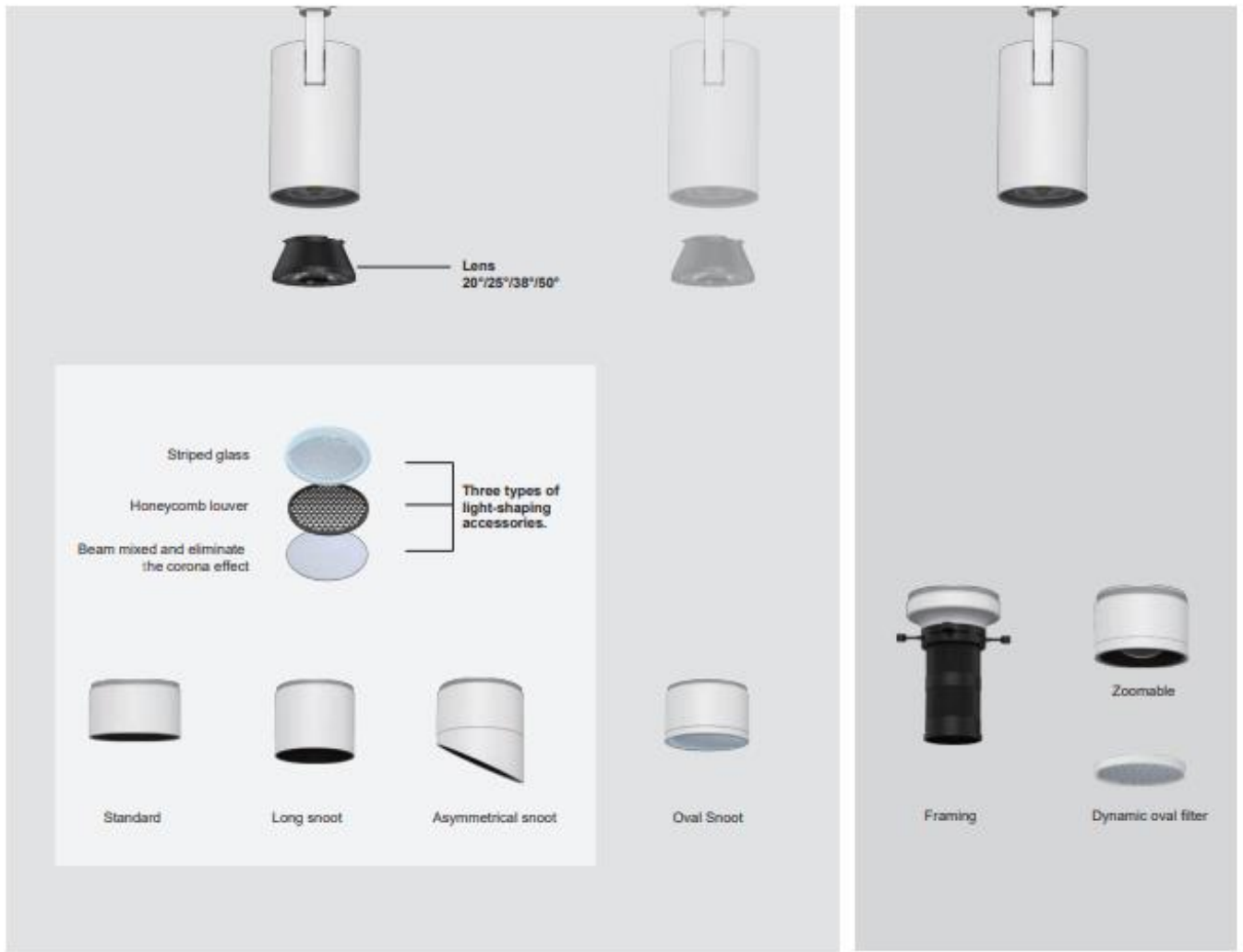
POPLAR SERIES



POPLAR SERIES is a high-quality product solution that can enhance the presentation of art and display. With its precise lighting control and advanced optical components it can provide clear and precise lighting that helps to create the ideal colour for outstanding viewing experience. Additionally, its versatility and adaptability make the POPLAR SERIES perfect for a variety of applications.

POPLAR SERIES

The POPLAR SERIES features a modular design with separate components and lightweight engine structure, allowing easy component switching to adapt to different settings. Particularly notable are the variable Zoom and Framing capabilities., setting the POPLAR SERIES apart in venues with specific lighting needs such as galleries and retail. The unique feature enables the POPLAR SERIES to provide high-precision light for your applications.



POPLAR SERIES

- Distributions from narrow spot to wallwash
- Adjustable contour and zoom spotlights available
- Plug and play: change lens units without tools and with just one hand



Standard



spot / medium / flood / wide flood



Long snoot



spot / medium / flood / wide flood



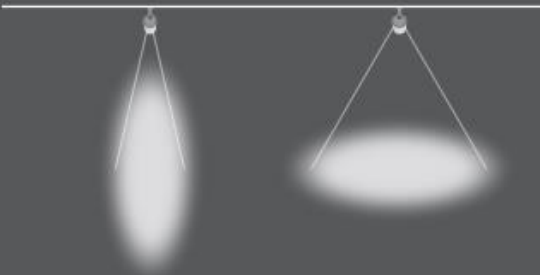
Asymmetrical snoot



spot / medium / flood / wide flood



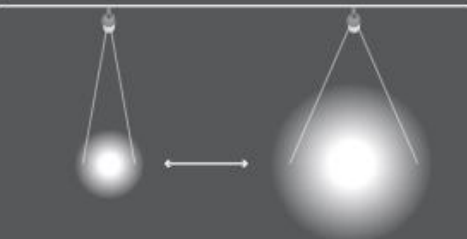
Oval filter



Framing



Zoomable



POPLAR SERIES



POPLAR SERIES 64mm Standard



Colours

Body : Black White

Baffle : Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
12W	AC 220-240V	350 mA	1317 lm	1185 lm	20°/25°/38°/50°(Lens)	3000K	95+
Dimmable							
25W	AC 220-240V	700 mA	2429 lm	- lm	20°/25°/38°/50°(Lens)	3000K	95+



Optional Accessory



S-004 Long snoot



S-005 Asymmetrical snoot



SG-003 Oval Snoot



H-001 Honeycomb louver



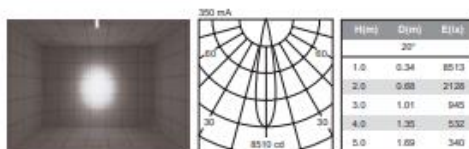
DS-001 Beam mixer and eliminate the corona effect

IES



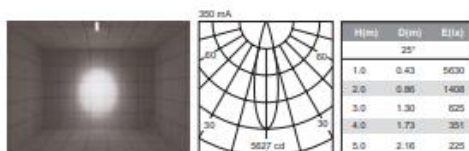
Spotlight

2319.210-UA-350



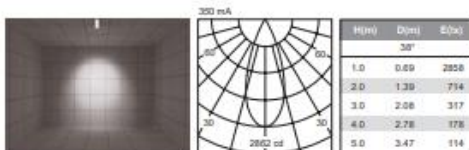
Spotlight

2319.210-UA-350



Spotlight

2319.210-UA-350



Spotlight

2319.210-UA-350























POPLAR SERIES Standard

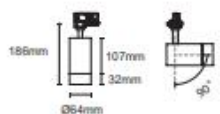


Colours

Body: Black White

Baffle: Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
12W	AC 100-277V	350 mA	1317 lm	1185 lm	20°/25°/38°/50° (Lens)	3000K	95+
			Dimmable		   		
17W	AC 100-277V	500 mA	1815 lm	1660 lm	20°/25°/38°/50° (Lens)	3000K	95+
					   		
12W	AC 100-277V	350 mA	1317 lm	1185 lm	20°/25°/38°/50° (Lens)	3000K	95+
17W	AC 100-277V	500 mA	1815 lm	1660 lm	20°/25°/38°/50° (Lens)	3000K	95+
					    		
8W	AC 100-277V	250 mA	1064 lm	- lm	20°/25°/38°/50° (Lens)	(5 CCT)	90+
						27-30-35-40-50	
					     		



Optional Accessory

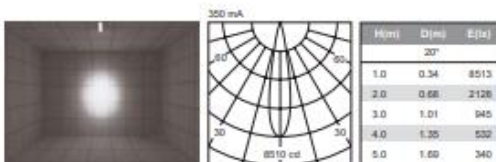


POPLAR SERIES 64mm Standard

IES

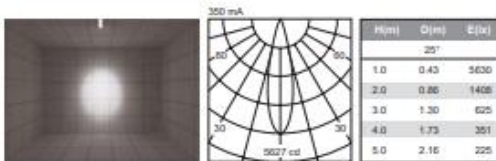
 **20°**

Spotlight
2319 201-AD3-350
2319 201-AD3-D-350



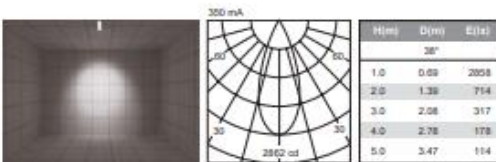
 **25°**

Spotlight
2319 201-AD3-350
2319 201-AD3-D-350



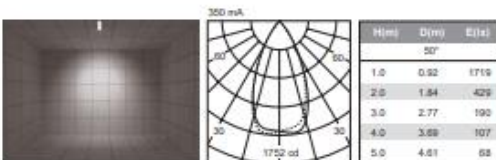
 **38°**

Spotlight
2319 201-AD3-350
2319 201-AD3-D-350



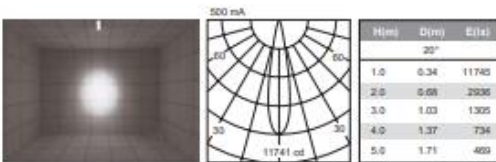
 **50°**

Spotlight
2319 201-AD3-350
2319 201-AD3-D-350



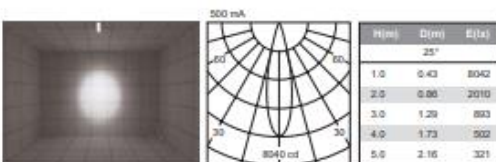
 **20°**

Spotlight
2319 201-AD3-500
2319 201-AD3-D-500



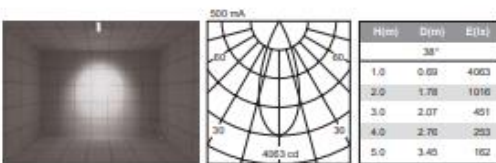
 **25°**

Spotlight
2319 201-AD3-500
2319 201-AD3-D-500



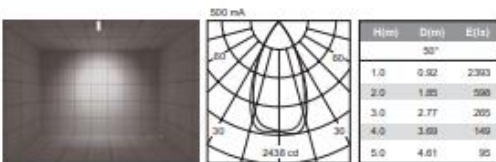
 **38°**

Spotlight
2319 201-AD3-500
2319 201-AD3-D-500



 **50°**

Spotlight
2319 201-AD3-500
2319 201-AD3-D-500



POPLAR SERIES 90mm Standard



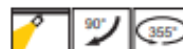
Colours

Body : Black White

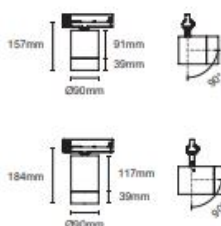
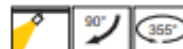
Baffle : Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
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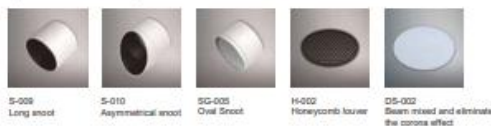
24W	AC 220-240V	700 mA	2705 lm	2426 lm	18°/24°/36°/60° (Lens)	3000K	95+
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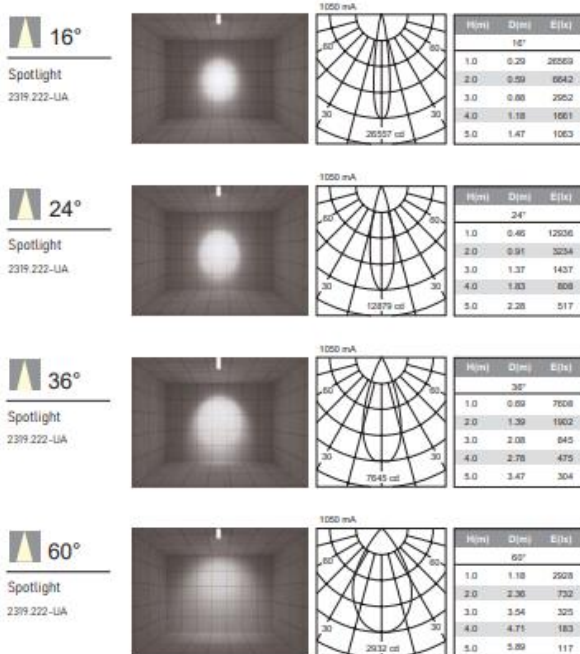
37W	AC 220-240V	1050 mA	3935 lm	3070 lm	18°/24°/36°/60° (Lens)	3000K	95+
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Optional Accessory



IES



POPLAR SERIES 90mm Standard



Colours

Body: Black White

Baffle: Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
17W	AC 220-240V	500 mA	1972 lm	1766 lm	18°/24°/36°/60° (Lens)	3000K	95+
31W	AC 220-240V	900 mA	3415 lm	2730 lm	16°/24°/36°/60° (Lens)	3000K	95+



Optional Accessory



S-009 Long snoot



S-010 Asymmetrical snoot



SG-005 Oval Snoot



H-002 Honeycomb louver



OS-002 Beam mixer and eliminates the corona effect

IES



16°

Spotlight

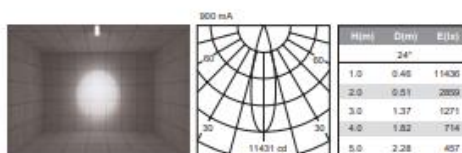
2319.222-AD3-900



24°

Spotlight

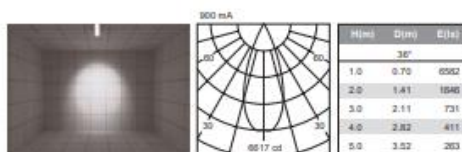
2319.222-AD3-900



36°

Spotlight

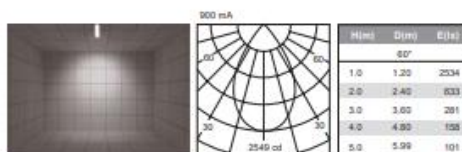
2319.222-AD3-900



60°

Spotlight

2319.222-AD3-900



POPLAR SERIES FRAMING

Framing



Professional-grade optical lens

Crafted with a combination of high-quality multi-layer lenses to enhance light transmission, providing high adjustability, uniform light output, and a wide zoom range.

1. Lamp Body Dimensions

Available in various diameters of 1.6"/2.5"/3.5", with color options of black or white.

2. Optical adjustable aperture plates

External wings for manual adjustment of shapes. The spot shape can be arbitrarily changed by

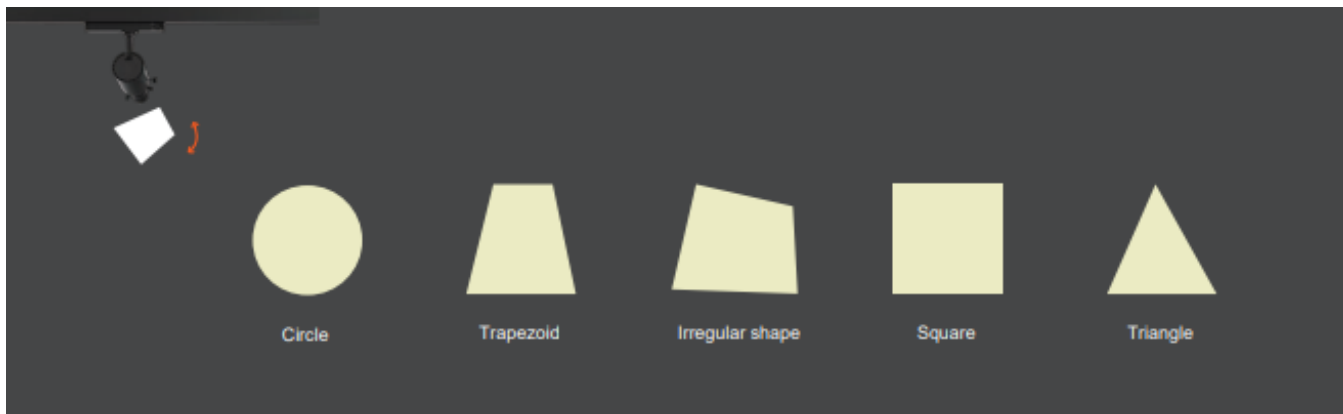
4. Focus damping knob

Precision adjustment by rotating the body without having to open the product.

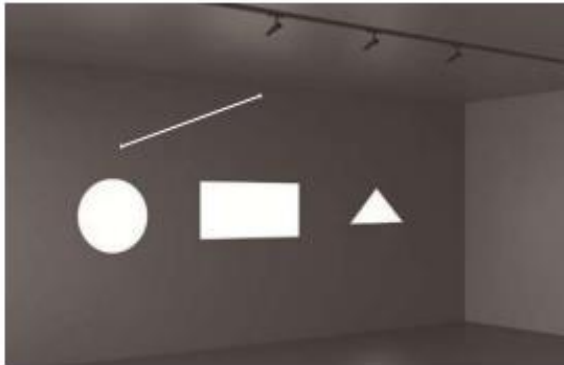


5. Zoom damping knob

Rotate it can change the size of spot, zoom 20°-30°





POPLAR SERIES FRAMING 64mm





Framing-64

Installation advice

Lamp to wall	1M	2M	3M
	Min: Ø40cm Max: Ø60cm	Min: Ø60cm Max: Ø120cm	Min: Ø120cm Max: Ø180cm
	Min: □28cm Max: □42cm	Min: □58cm Max: □84cm	Min: □84cm Max: □126cm

Framing-90

Installation advice

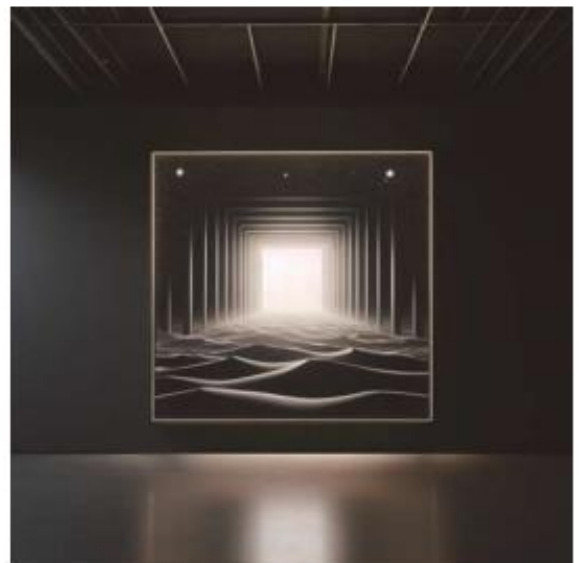
Lamp to wall	1M	2M	3M
	Min: Ø48cm Max: Ø69cm	Min: Ø96cm Max: Ø138cm	Min: Ø144cm Max: Ø207cm
	Min: □34cm Max: □49cm	Min: □68cm Max: □98cm	Min: □102cm Max: □147cm



The general projection light effect



The cut-off light is used to create a specific lighting effect by cutting off the light at a certain point and directing it in a specific direction. This can be used to create a sharp boundary between lit and unlit areas, emphasizing the illuminated areas and creating contrast.



POPLAR SERIES FRAMING 64mm

Available with color filter

Using colored light, you can design and transform environments with subtle or dramatic contrasts. LED enables you to produce colored light very efficiently and flexibly.

The focus lens can be installed in the light bar part of the logo piece to meet customer and site requirements. Additionally, different color change film can also be added to the logo piece to add variation.



There is a variety of color changing lenses available for selection.



Before



After



After

Customization gobo

We use premium materials to customize exclusive customization gobo for each customer, showcasing professional lighting effects.

You can effortlessly create the light art you desire, perfectly aligning with your theme and expressing the unique style you want to convey.



Logo icon projection



Marketing projection



Physical landscape projection



Product projection

POPLAR SERIES FRAMING



POPLAR SERIES FRAMING 64mm



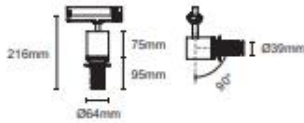
Colours

Body: Black White

Framing: Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
12W	AC 220-240V	350 mA	1317 lm	418 lm	20°-30°(Lens)	3000K	95+

Dimmable



Optional Accessory



CF-001-xxx
Color filter



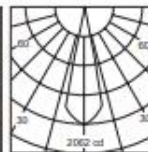
GOBO-001-xxx.
OEM GOBO, please contact with our sales rep for more info.

IES



Framing

2319 210F-LIA-350

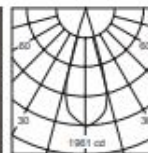


H(m)	D(m)	E(lx)
20°		
1.0	0.40	2025
2.0	0.80	516
3.0	1.20	229
4.0	1.60	129
5.0	2.00	82



Framing

2319 210F-LIA-350



H(m)	D(m)	E(lx)
30°		
1.0	0.56	1961
2.0	1.13	490
3.0	1.70	217
4.0	2.26	122
5.0	2.83	78

POPLAR SERIES FRAMING 90mm



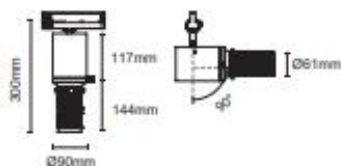
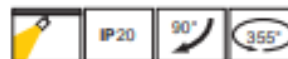
Colours

Body : Black White

Framing : Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
31W	AC 220-240V	900 mA	3415 lm	1138 lm	25°-35° (Lens)	3000K	95+

Driver Built-in



Optional Accessory



CF-002-xxx
Color filter



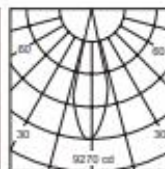
GOGO-002-xxx...
OEM GOGO, please contact with our sales rep for more info

IES



Framing

2319.222F-LA-900
2319.222F-AD3-900

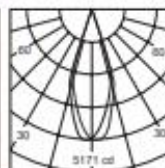
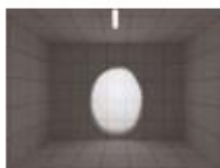


H(m)	D(m)	E(lx)
25°		
1.0	0.43	9281
2.0	0.86	2320
3.0	1.29	1001
4.0	1.73	580
5.0	2.16	371



Framing

2319.222F-LA-900
2319.222F-AD3-900



H(m)	D(m)	E(lx)
35°		
1.0	0.62	5140
2.0	1.24	1285
3.0	1.86	571
4.0	2.77	321
5.0	3.10	205

POPLAR SERIES Zoomable

Zoomable

The 2-cut lamp body can be precisely adjusted by rotating it, allowing for easy enlargement or reduction of the aperture ratio without the need to open the lamp body.



Easily add dynamic oval filter accessories as desired, installation and adjustment are extremely simple and convenient, making it comfortable for the user to adapt the lighting according to meet the specific needs of the space.

Colours : black / white



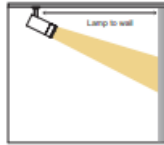
POPLAR SERIES Zoomable



Zoom in



Zoom out

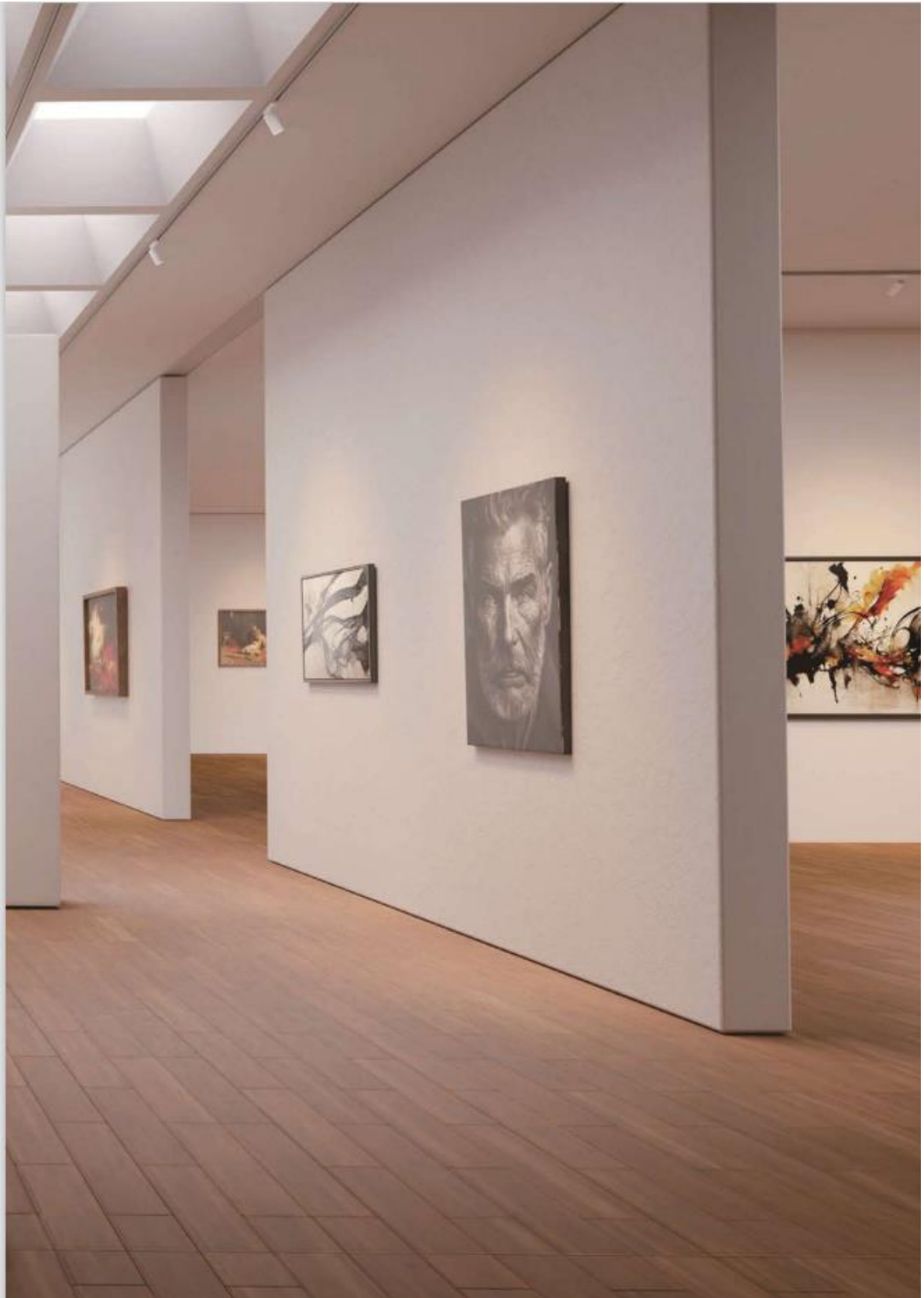


	Lamp to wall	1M	2M	3M	Oval filter
Zoom in 55°		Max: Ø120cm	Max: Ø240cm	Max: Ø360cm	
Zoom out 15°		Max: Ø30mm	Max: Ø60mm	Max: Ø90mm	

ASTER-B-Z-90

	Lamp to wall	1M	2M	3M	Oval filter
Zoom in 60°		Max: Ø130cm	Max: Ø260cm	Max: Ø390cm	
Zoom out 16°		Max: Ø35mm	Max: Ø70mm	Max: Ø105mm	

POPLAR SERIES Zoomable



POPLAR SERIES Zoomable 64mm



Colours

Body: Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
12W	AC 220-240V	350 mA	1317 lm	815 lm	15°-55° (Lens)	3000K	95+

Dimmable



Optional Accessory

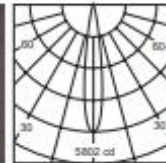


5G-004
Dynamic oval filter

IES



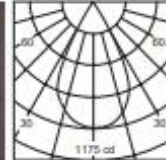
Spotlight
2319.201Z-UA



H(m)	D(m)	E(lx)
15°		
1.0	0.27	5809
2.0	0.53	1452
3.0	0.80	645
4.0	1.06	363
5.0	1.33	232



Spotlight
2319.201Z-UA
2319.201Z-AD3-350
2319.201Z-AD3-D-350



H(m)	D(m)	E(lx)
55°		
1.0	1.03	1173
2.0	2.05	293
3.0	3.08	130
4.0	4.11	73
5.0	5.14	46

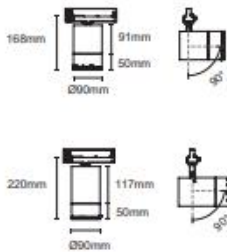
POPLAR SERIES Zoomable 90mm



Colours

Body: Black White

LED Consumption	Voltage	Current	LED Lumen	Delivered Lumen	Beam Angle	CCT	CRI
24W	AC 220-240V	700 mA	2705 lm	1679 lm	16°-60° (Lens)	3000K	95+
37W	AC 220-240V	1050 mA	3935 lm	2127 lm	16°-60° (Lens)	3000K	95+



Optional Accessory

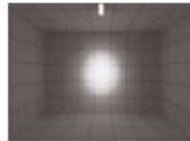


SG-006
Dynamic oval filter

IES



Zoomable
2319 2222-AD3-900



H(m)	D(m)	E(lx)
16°		
1.0	0.28	11527
2.0	0.56	2882
3.0	0.84	1281
4.0	1.12	720
5.0	1.40	481



Zoomable
2319 2222-AD3-900



H(m)	D(m)	E(lx)
60°		
1.0	1.13	2662
2.0	2.27	665
3.0	3.40	235
4.0	4.54	166
5.0	5.67	108