

## LIGHT SOURCE

LED quantity	1	
Power max	9 W – 13 W	
Total lumen output (3000K CRI>90)	9W: 14° - 660 lm 18° - 712 lm 24° - 685 lm 33° - 618 lm 52° - 683 lm	13W: 14° - 813 lm 18° - 901 lm 24° - 860 lm 33° - 769 lm 52° - 844 lm
Efficacy lm/W (3000K CRI>90)	9W: 14° - 73 lm/W 18° - 79 lm/W 24° - 76 lm/W 33° - 68 lm/W 52° - 76 lm/W	13W: 14° - 62 lm/W 18° - 69 lm/W 24° - 66 lm/W 33° - 59 lm/W 52° - 65 lm/W
CRI	>80 - >90 - >95	
LED Temperature	2200K CRI>90-2400K CRI>90 -2700K CRI>90 -2700K CRI>95 3000K CRI>80-3000K CRI>90- 3000K CRI>95-3500K CRI>90- 3500K CRI>95 - 4000K CRI>90	
Average operational life	50.000 hours	

## OPTIC

Material	PMMA
Available optics	14° - 18° - 24° - 33° - 52°
Beam direction	Adjustable +/-25°, rotating +/-355°
Flux symmetry	Symmetrical

## FIXTURE

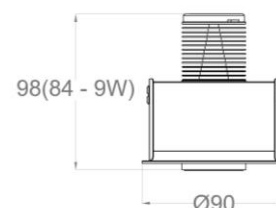
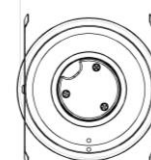
Material	Aluminum
Available body finishes	Powder coated: S - Warm white (RAL 9010) 7 - White (RAL 9003) A6 - Gray white (RAL 9002) C - Gothic cement (RAL 7033) G3 - Gray (RAL 7012) G7 - Beige Gray (RAL 7006) M8 - Brown (RAL 8019) H - Black (RAL 9005)
Available decorative ring finishes	Chrome plated: 1 - Gold chrome 1 - Shiny chrome 8 - Satin gold Nickel plated: N - Satin nickel Hard coat anodized: 4 - Black
IP Rate	IP40
Working Temperature	-20° ÷ +40°
Integrated fixing Systems	-

## ELECTRICAL FEATURES

Driver	Remote
Dimmable	Push, 1-10, DALI
Connection	In series at 500mA – 700mA
Class	III



CUT-OUT Ø86



### Decorative Rings



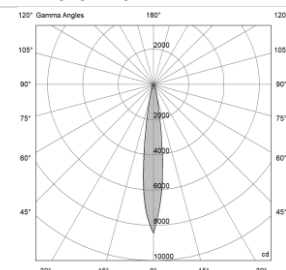
## MECHANICAL FEATURES

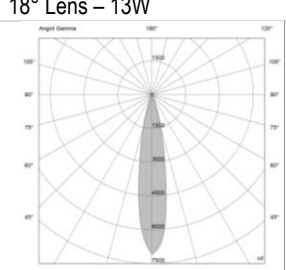
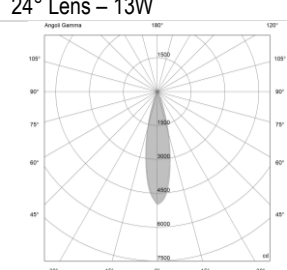
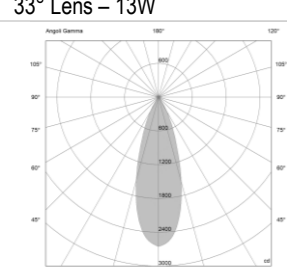
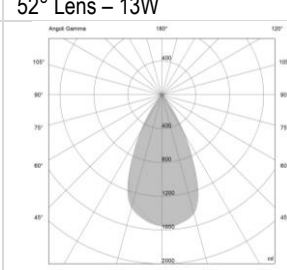
Dimensions	Ø90 x 84-98 mm
Weight	480 gr
Installation	Wall, ceiling recessed
Cut-out	Ø86 mm
Use	Indoor

## ACCESSORIES

Interchangeable lenses	18°, 24°, 33°, 52°
Filters	Hex louver, elliptical filter, prismatic filter, softening lens
Decorative rings	Gold chrome, shiny chrome, satin gold, satin nickel, black
Visors	-
Box/ Frame	Frame (A01270_0)
Installation tool	-

## PHOTOMETRIC DATA

<b>14° Lens – 13W</b> 							
H(m)	D(m)	E <sub>max</sub> (lx)	E <sub>av</sub> (lx)				
<b>14°</b>							
<u>1.00</u>	0.25	8464	5271				
<u>2.00</u>	0.50	2116	1318				
<u>3.00</u>	0.75	940	586				
<u>4.00</u>	1.00	529	329				
<u>5.00</u>	1.25	339	211				

<b>18° Lens – 13W</b> 				<b>24° Lens – 13W</b> 				<b>33° Lens – 13W</b> 				<b>52° Lens – 13W</b> 			
H(m)	D(m)	E <sub>max</sub> (lx)	E <sub>av</sub> (lx)	H(m)	D(m)	E <sub>max</sub> (lx)	E <sub>av</sub> (lx)	H(m)	D(m)	E <sub>max</sub> (lx)	E <sub>av</sub> (lx)	H(m)	D(m)	E <sub>max</sub> (lx)	E <sub>av</sub> (lx)
<b>18°</b>				<b>24°</b>				<b>33°</b>				<b>52°</b>			
<u>1.00</u>	0.32	6145	3890	<u>1.00</u>	0.42	3893	2406	<u>1.00</u>	0.60	2011	1228	<u>1.00</u>	0.97	1207	680
<u>2.00</u>	0.65	1536	972	<u>2.00</u>	0.84	973	602	<u>2.00</u>	1.21	503	307	<u>2.00</u>	1.93	302	170
<u>3.00</u>	0.97	683	432	<u>3.00</u>	1.25	433	267	<u>3.00</u>	1.81	223	136	<u>3.00</u>	2.90	134	76
<u>4.00</u>	1.30	384	243	<u>4.00</u>	1.67	243	150	<u>4.00</u>	2.41	126	77	<u>4.00</u>	3.87	75	43
<u>5.00</u>	1.62	246	156	<u>5.00</u>	2.09	156	96	<u>5.00</u>	3.02	80	49	<u>5.00</u>	4.84	48	27

## NOTES

14° lens not interchangeable.

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Frame (A01270.\_0) is necessary for installing the fixture correctly: *Please specify always 1 frame for each Ariel mR in the purchase order.*

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