

**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**

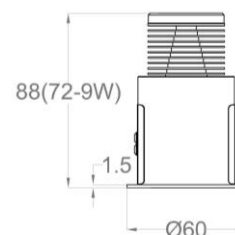
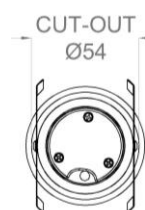
Material	PMMA
Available optics	14° - 18° - 24° - 33° - 52°
Beam direction	Fixed
Flux symmetry	Symmetrical

**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



**Decorative Rings**



**MECHANICAL FEATURES**

Dimensions	Ø60 x 72-88 mm (within frame)
Weight	250 gr
Installation	Wall, ceiling recessed
Cut-out	Ø54 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 (A01232_0)
Installation tool	-

**PHOTOMETRIC DATA**

<p><b>14° Lens – 13W</b></p>							
<p>H(m) D(m) Emax(lx) Eav(lx)</p> <p><b>14°</b></p> <p><u>1.00</u> 0.25 8464 5271</p> <p><u>2.00</u> 0.50 2116 1318</p> <p><u>3.00</u> 0.75 940 586</p> <p><u>4.00</u> 1.00 529 329</p> <p><u>5.00</u> 1.25 339 211</p>							
<p><b>18° Lens – 13W</b></p>		<p><b>24° Lens – 13W</b></p>		<p><b>33° Lens – 13W</b></p>		<p><b>52° Lens – 13W</b></p>	
<p>H(m) D(m) Emax(lx) Eav(lx)</p> <p><b>18°</b></p> <p><u>1.00</u> 0.32 6145 3890</p> <p><u>2.00</u> 0.65 1536 972</p> <p><u>3.00</u> 0.97 683 432</p> <p><u>4.00</u> 1.30 384 243</p> <p><u>5.00</u> 1.62 246 156</p>	<p>H(m) D(m) Emax(lx) Eav(lx)</p> <p><b>24°</b></p> <p><u>1.00</u> 0.42 3893 2406</p> <p><u>2.00</u> 0.84 973 602</p> <p><u>3.00</u> 1.25 433 267</p> <p><u>4.00</u> 1.67 243 150</p> <p><u>5.00</u> 2.09 156 96</p>	<p>H(m) D(m) Emax(lx) Eav(lx)</p> <p><b>33°</b></p> <p><u>1.00</u> 0.60 2011 1228</p> <p><u>2.00</u> 1.21 503 307</p> <p><u>3.00</u> 1.81 223 136</p> <p><u>4.00</u> 2.41 126 77</p> <p><u>5.00</u> 3.02 80 49</p>	<p>H(m) D(m) Emax(lx) Eav(lx)</p> <p><b>52°</b></p> <p><u>1.00</u> 0.97 1207 680</p> <p><u>2.00</u> 1.93 302 170</p> <p><u>3.00</u> 2.90 134 76</p> <p><u>4.00</u> 3.87 75 43</p> <p><u>5.00</u> 4.84 48 27</p>				

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## NOTES

14° lens not interchangeable.

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Frame (A01232.\_0) is necessary for installing the fixture correctly: *Please specify always 1 frame for each Ariel Am in the purchase order.*

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