



3	Warm White LED (3000K)	CRI 80		CRI 90	
		7W	12W	7W	12W
	Lumen Output	1164 lm	1996 lm	904 lm	1559 lm
	LOR	0.88	0.88	0.88	0.88
	CRI	80	80	90	90
	Total Power	7.7W	12.4W	7.7W	12.4W
	Power Factor	0.89	0.94	0.89	0.94
	Running Current	0.04A	0.06A	0.04A	0.06A
	Inrush Current (Std)	3.0A (60us)	3.5A (35us)	3.0A (60us)	3.5A (35us)
	Inrush Current (Dim)	10.0A (80us)	10.0A (80us)	10.0A (80us)	10.0A (80us)
	Efficacy	133 lm/W	141 lm/W	103 lm/W	110 lm/W
	Emergency Output (BLF)	N/A	N/A	N/A	N/A

4	Neutral White LED (4000K)	CRI 80		CRI 90	
		7W	12W	7W	12W
	Lumen Output	1212 lm	2071 lm	1038 lm	1773 lm
	LOR	0.88	0.88	0.88	0.88
	CRI	80	80	90	90
	Total Power	7.7W	12.4W	7.7W	12.4W
	Power Factor	0.89	0.94	0.89	0.94
	Running Current	0.04A	0.06A	0.04A	0.06A
	Inrush Current (Std)	3.0A (60us)	3.5A (35us)	3.0A (60us)	3.5A (35us)
	Inrush Current (Dim)	10.0A (80us)	10.0A (80us)	10.0A (80us)	10.0A (80us)
	Efficacy	138 lm/W	146 lm/W	118 lm/W	125 lm/W
	Emergency Output (BLF)	N/A	N/A	N/A	N/A

Aleda® Micro



LED CRI 80

7W	LED	ID475	LED	07	+	436
12W	LED	ID475	LED	12	+	436

LED CRI 90

7W	LED	ID476	LED	07	+	439
12W	LED	ID476	LED	12	+	439

- Quality engineering, smooth and precise pan and tilt adjustment
- Efficacies up to 146 lm/W
- Available in a choice of lumen outputs, delivering up to 2071 lumens
- Single point Zhaga Book 3 LED
- A choice of lumen outputs in CRI 80 and CRI 90 versions
- Medium beam reflector as standard
- Life expectancy in excess of 59,000 hours (L90 B10)
- Colour stability within 3 MacAdams
- Wireless Lighting Control available
- Digital Dim and Digital Dim + Emergency options available

- A Integral Driver/Remote
- J Switch Dim
- S DALI Dim
- L DALI Bluetooth

- 3 Warm (3000K) 4 Neutral (4000K)
- 1 White (RAL 9010) 2 Urban Graphite (RAL 7046) 3 Black (RAL 9005)

Reflector	CRI 80		CRI 90	
	7W	12W	7W	12W
531 Narrow Beam	437	440	437	440
532 Wide Beam	438	441	438	441

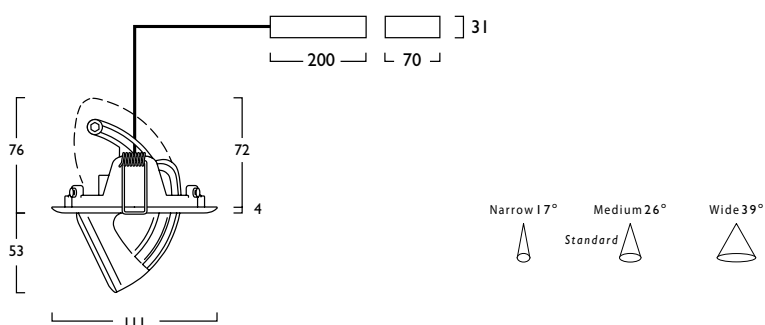
Luminescent Halo, Baffle Options - Examples Shown on page 2

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* All values provided in this document are subject to International standards and electronic components from leading suppliers which are subject to +/- 10% tolerance and apply at an ambient temperature of 25°C. Hacer Lighting look to constantly improve it's product and reserve the right to change specifications without prior notification.



Aleda® Micro



230V
50Hz

IP
20

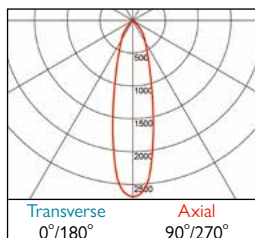
64°

350°

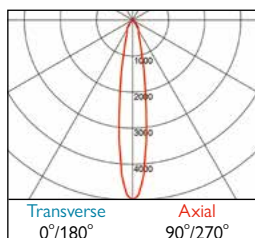
98mm Ø

0.5 kg

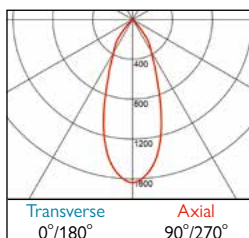
Photometrics



436/439 DLOR: 0.88



437/440 DLOR: 0.90



438/441 DLOR: 0.88

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