AVA-Hotel

AM504-AF11RA01 / AM506-AF11RA01

DESCRIPTION

Ava-Hotel series is an upgrade version based on Ava MR16(GU10) downlight system because of it's precise light quality and great anti-glare control ability. Except normal beam 15°, 24°, 38°, 50°, Ava-Hotel can provide very narrow beam 10°, all beams bring precise light distribution, plus it's 38 degree cut-off angle and fully-enclosed structure when tilting, Ava-hotel is ideal for a variety of hotel or residential applications.

FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 10°, 15°, 24°, 38°, 50° beam lens options.
- Light efficiency is up to 80 lm/W.
- Interchangeable different color secondary reflectors for decorative function.
- Anti-glare accessories provide maximum visual comfort.
- Precision engineering adjustment mechanism from 0° to 30°.
- Every 5° has a fixed limit to achieve accurate tilt Angle.

ELECTRICAL

Power:	5W / 8W(AM504), 10W / 15W(AM506)
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Power factor:	>0.90
Dimming:	On-off / 0/1-10V / TRIAC / DALI

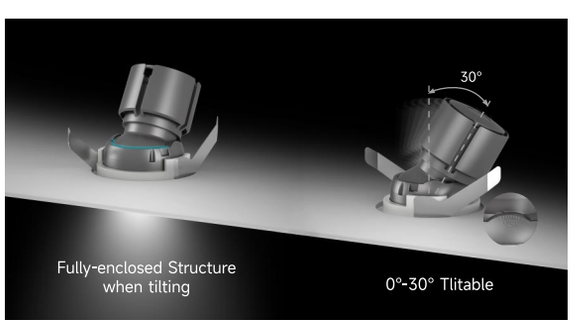
OPTICAL

LED type:	COB
Lumen output:	468lm (AM504), 973lm (AM506)
Beam optic:	10° / 15° / 24° / 36° / 50°
Color quality:	CRI 80+/90+, SDCM < 3
Light color:	Static White: 2700K, 3000K, 3500K, 4000K Dim To Warm: 1800K-3000K

LUMINAIRE

Frame color:	Black
Trim color:	White / Black / Silver
Operating temperature:	-20°C~40°C
Lifespan:	>50000h@80%(L80)
Warranty:	5 years limited warranty

DETAILS



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ORDERING INFORMATION

MODULE	TRIM	LUMEN	TRIM COLOR	CRI	CCT	OPTIC	DIMMING
☐ **AM504** AVA 50mm Aperture	☐ **AF11RA01** Round	☐ **L03** 300lm	☐ **W** White	☐ **8** 80+	☐ **27** 2700K	☐ **010** 10°	☐ **V** 0/1-10V
☐ **AM506** AVA 50mm Aperture	☐ **AF11RA01T** Round Trimless	☐ **L04** 400lm	☐ **B** Black	☐ **9** 90+	☐ **30** 3000K	☐ **015** 15°	☐ **T** Triac
		☐ **L07** 700lm	☐ **S** Silver		☐ **35** 3500K	☐ **024** 24°	☐ **X** 0-10V/Triac
		☐ **L09** 900lm			☐ **40** 4000K	☐ **036** 36°	☐ **D** DALI
					☐ **DW** Dim To Warm 1800K-3000K	☐ **050** 50°	☐ **N** Non-dimming

ACCESSORIES (TO BE ORDERED SEP ARATELY)

FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

☐ **Honeycomb**
AM504-H / AM506-H

☐ **Soft Lens**
AM504-L / AM506-L

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PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
5W	3000K	90	10°	252	49	4095
			15°	260	55	1606
			24°	284	61	1229
			36°	323	68	726
			50°	317	67	521
8W	3000K	90	10°	353	45	5757
			15°	375	56	2303
			24°	410	61	1776
			36°	468	70	1049
			50°	456	68	745
10W	3000K	90	10°	456	40	7438
			15°	619	60	3564
			24°	625	60	2489
			36°	733	71	1552
			50°	711	69	1261
15W	3000K	90	10°	563	34	9152
			15°	802	52	4626
			24°	836	54	3361
			36°	973	63	2144
			50°	939	61	1588

Above test data is based on Round trim(AF11RA01) with 3000K 90CRI LED.

LUMEN MULTIPLIERS

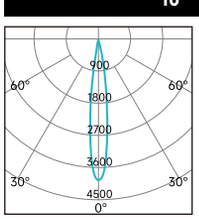
CCT	MULTIPLIER
2700K	0.96
3000K	1.00
3500K	1.04
4000K	1.05

Applying Lumen Multipliers to Calculate Deliveried Lumens

Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: AM504-AF11RA01 3500K				
323 lm	x	1.04	=	336 lm

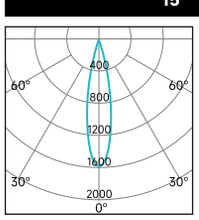
AM504-AF11RA01 3000K 5W

10°



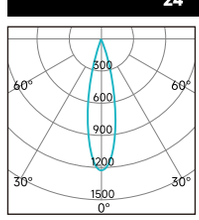
D(cm)	h(m)	E(lx)
20.53	1	4124
41.06	2	1031
61.6	3	458.2
82.13	4	257.7
102.66	5	165

15°



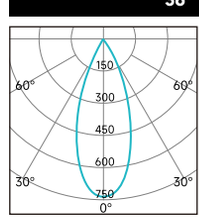
D(cm)	h(m)	E(lx)
36.86	1	1604
73.71	2	400.9
110.57	3	178.2
147.43	4	100.2
184.28	5	64.15

24°



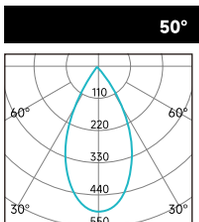
D(cm)	h(m)	E(lx)
44.16	1	1232
88.33	2	308
132.49	3	136.9
176.65	4	77
220.81	5	49.28

36°



D(cm)	h(m)	E(lx)
70.86	1	724.9
141.72	2	181.2
212.58	3	80.54
283.44	4	45.3
354.29	5	29

50°



D(cm)	h(m)	E(lx)
85.68	1	507
171.35	2	126.7
257.03	3	56.33
342.7	4	31.69
428.38	5	20.28

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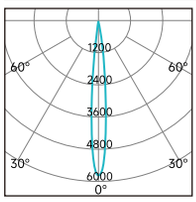
LIGHT DISTRIBUTION

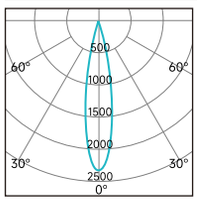
AM504-AF11RA01 3000K 8W

10°



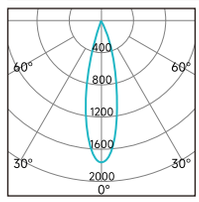
D(cm)	h(m)	E(lx)
20.62	1	5768
41.24	2	1442
61.86	3	640.8
82.48	4	360.5
103.1	5	230.7

15°



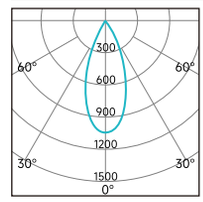
D(cm)	h(m)	E(lx)
36.9	1	2303
73.8	2	575.8
110.7	3	255.9
147.61	4	144
184.51	5	92.13

24°



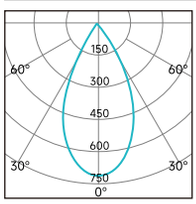
D(cm)	h(m)	E(lx)
44.13	1	1775
88.25	2	443.7
132.38	3	197.2
176.5	4	110.9
220.63	5	70.99

36°



D(cm)	h(m)	E(lx)
70.88	1	1050
141.76	2	262.6
212.64	3	116.7
283.51	4	65.65
354.39	5	42.01

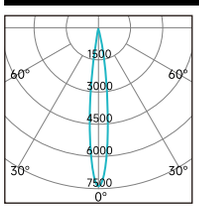
50°



D(cm)	h(m)	E(lx)
85.76	1	730.5
171.52	2	182.6
257.27	3	81.17
343.03	4	45.66
428.79	5	29.22

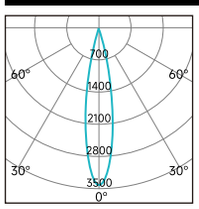
AM506-AF11RA01 3000K 10W

10°



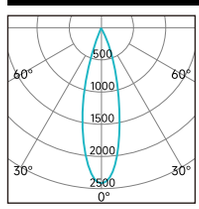
D(cm)	h(m)	E(lx)
20.66	1	7423
41.31	2	1856
61.97	3	824.8
82.62	4	464
103.28	5	296.9

15°



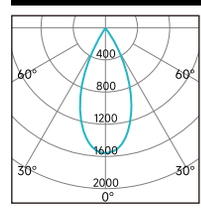
D(cm)	h(m)	E(lx)
38.18	1	3213
76.35	2	803.3
114.53	3	357
152.7	4	200.8
190.88	5	128.5

24°



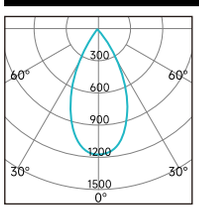
D(cm)	h(m)	E(lx)
46.46	1	2518
92.91	2	629.5
139.37	3	279.8
185.83	4	157.4
232.28	5	100.7

36°



D(cm)	h(m)	E(lx)
73.76	1	1555
147.52	2	388.8
221.27	3	172.8
295.03	4	97.21
368.79	5	62.2

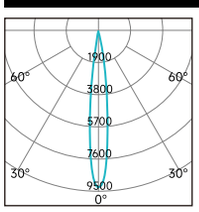
50°



D(cm)	h(m)	E(lx)
74.21	1	1192
148.43	2	298.1
222.64	3	132.5
296.86	4	74.52
371.07	5	47.69

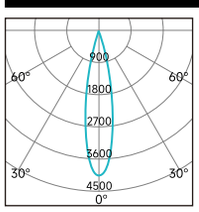
AM506-AF11RA01 3000K 15W

10°



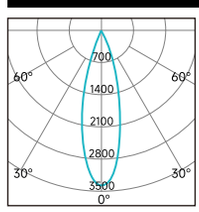
D(cm)	h(m)	E(lx)
20.53	1	9123
41.06	2	2281
61.59	3	1014
82.11	4	570.2
102.64	5	364.9

15°



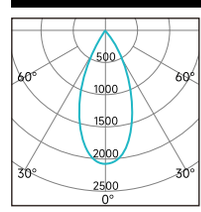
D(cm)	h(m)	E(lx)
38.14	1	4152
76.28	2	1038
114.42	3	461.4
152.56	4	259.5
190.7	5	166.1

24°



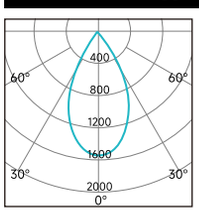
D(cm)	h(m)	E(lx)
46.2	1	3366
92.4	2	841.5
138.6	3	374
184.8	4	210.4
231	5	134.6

36°



D(cm)	h(m)	E(lx)
69.02	1	2130
138.04	2	532.4
207.06	3	236.6
276.07	4	133.1
345.09	5	85.19

50°



D(cm)	h(m)	E(lx)
74.02	1	1555
148.03	2	388.8
222.05	3	172.8
296.06	4	97.21
370.08	5	62.21

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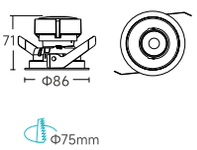
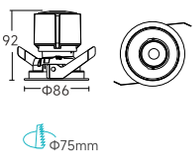
DIMENSION

STANDARD

AM504-AF11RA01

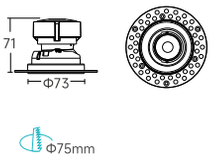


AM506-AF11RA01



TRIMLESS

AM504-AF11RA01T



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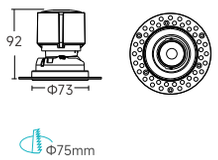

AVA DOWNLIGHT SYSTEM

Elegant MR16(GU10) compatible design, AVA was born to be versatile. The perfect thermal management ensures the high wattage in the smaller housing. Aesthetic design is not the only advantage of AVA, it's 90lm/W efficacy with uniform light distribution also worth a mention. Except the single color 2700K to 5000K range, AVA also offers 1800K-3000K Dim-to warm create a SDCM≤3 color consistency home-like atmosphere to where it is needed. It complies with the modular design, everything is interchangeable except COB, well covered the commercial and residential applications. The performance of AVA is the ice of the cake on the aesthetic appearance.

DETAILS

Scan to know more about product information

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