

SYSTEM 78

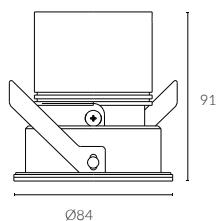
Φ78 ACME Downlight Mini-Trim Adjustable Straight Baffle



cutout :78mm



Adjustable Optic



baffle



Black Painted
9005



White Painted
9016



Bespoke

IP Rating:

IP65 Front

Optics:

5°/10°/15°/24°/36°/50°

UGR:

<10

CRI:

92Ra / 98Ra

Lifetime:

>50,000 hrs (L70 B10)

CCT:

2700K/3000K

Typical Source

Efficacy (lm/W):

140 (92Ra) / 110 (98Ra)

Control:

On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi

Binning

2 Step MacAdams

Input:

AC220-240V 50/60Hz

Output:

DC 36V 200mA 8W
DC 36V 250mA 10W DC 12V 700mA 10W
DC 36V 300mA 12W

Ambient temp:

-20 °C to 45 °C

Class:

II

Optional accessories:

Honeycomb louvre, Solite Lense, Spread Lense,
Colour Filter

Ceiling Thickness:

9mm-28mm

Material:

Fine aluminium 6063A

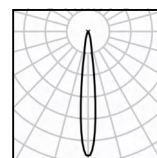
Fire resistance test:

60 minutes

Certification:

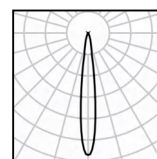
CB/CE/UKCA/GLOBAL MARK/
/60-MINUTE FIRE RESISTANCE
/EC 62471 Exempt Group

datasheet - high efficiency 92Ra



10W Ra92 3000K 5°

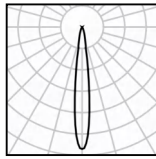
h(m)	E(lx)	D(m)
0.5	58735	0.05
1.0	14684	0.09
1.5	6526	0.14
2.0	3671	0.19
2.5	2349	0.24
3.0	1632	0.28



12W Ra92 3000K 10°

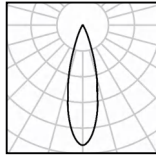
h(m)	E(lx)	D(m)
0.5	48929	0.08
1.0	12232	0.16
1.5	5437	0.25
2.0	3058	0.33
2.5	1957	0.41
3.0	1359	0.49

datasheet - high efficiency 92Ra



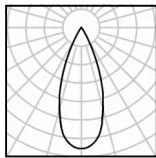
12W Ra92 3000K 15°

h(m)	E(lx)	D(m)
0.5	22462	0.12
1.0	5615	0.23
1.5	2496	0.35
2.0	1404	0.47
2.5	898	0.59
3.0	624	0.70



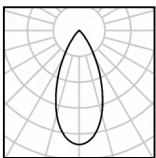
12W Ra92 3000K 24°

h(m)	E(lx)	D(m)
0.5	8192	0.22
1.0	2048	0.43
1.5	910	0.65
2.0	512	0.86
2.5	328	1.08
3.0	228	1.30



12W Ra92 3000K 36°

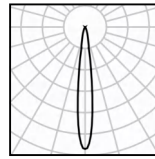
h(m)	E(lx)	D(m)
0.5	3852	0.33
1.0	963	0.67
1.5	428	1.00
2.0	241	1.33
2.5	154	1.66
3.0	107	2.00



12W Ra92 3000K 50°

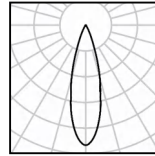
h(m)	E(lx)	D(m)
0.5	2395	0.45
1.0	599	0.90
1.5	266	1.35
2.0	150	1.80
2.5	96	2.25
3.0	67	2.70

datasheet - full spectrum 98Ra



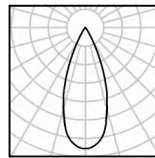
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	18360	0.13
1.0	4590	0.26
1.5	2040	0.39
2.0	1148	0.52
2.5	734	0.65
3.0	510	0.78



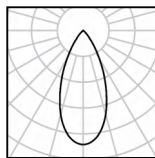
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	6420	0.22
1.0	1605	0.44
1.5	713	0.65
2.0	401	0.87
2.5	257	1.09
3.0	178	1.31



12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	2791	0.31
1.0	698	0.62
1.5	310	0.93
2.0	174	1.25
2.5	112	1.56
3.0	78	1.87



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1324	0.52
1.0	331	1.03
1.5	147	1.55
2.0	83	2.06
2.5	53	2.58
3.0	37	3.10



W system	lm system(92Ra)	lm system(98Ra)	optics	code
8W	653	/	10°	AFL7808W-30N10
8W	642	450	15°	AFL7808W-30N15
8W	632	442	24°	AFL7808W-30N24
8W	609	397	36°	AFL7808W-30N36
8W	675	327	50°	AFL7808W-30N50



W system	lm system(92Ra)	lm system(98Ra)	optics	code
10W	355	/	5°	AFL7810W-30N05
10W	424	/	10°	AFL7810W-30N10
10W	819	580	15°	AFL7810W-30N15
10W	759	563	24°	AFL7810W-30N24
10W	733	519	36°	AFL7810W-30N36
10W	812	500	50°	AFL7810W-30N50



W system	lm system(92Ra)	lm system(98Ra)	optics	code
12W	891	/	10°	AFL7812W-30N10
12W	964	689	15°	AFL7812W-30N15
12W	895	671	24°	AFL7812W-30N24
12W	863	618	36°	AFL7812W-30N36
12W	966	589	50°	AFL7812W-30N50