

ACME SEMI

Φ78 Engine

Mini-Trim Adjustable Round Downlight



CUTOUT :78mm



Adjustable Optic



Accessories can be ordered separately

Light Engine



SKU : EN-78

Mini-Trim

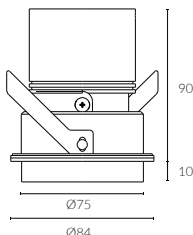


SKU : BZ-78

Semi Baffle



SKU : BF-78-M



Standard



Black Painted
9005



White Painted
9016

Curated Finishes (MOQ 20 applies)



Bright
Chrome



Regency
Champagne



Antique
Copper



Heritage
Brass



Dark
Brass

IP Rating:

IP44 front

Optics:

5°/15°/24°/36°/50°

UGR:

<10

CRI/RF/RG/R9:

typ. 98/95/104/97

Lifetime:

50,000 hrs (L90 B10)

CCT:

2700K / 3000K / 3500K / 4000K / 2700K-6000K

CCT on request:

High efficiency 3000K / 2200K / WD 1800K - 3000K
TW 1800K -3000K / TW 1800K - 4000K

Typical Source

Efficacy (lm/W):

110

Control:

On/off, Phase Cut, 0/1-10V, Dali, Zigbee, Casambi

Binning

2 Step MacAdams

Input:

AC220-240V 50/60Hz

Output(15°-50°):

DC 36V 200mA 8W

DC 36V 250mA 10W

DC 36V 300mA 12W

Ambient temp:

-20 °C to 25 °C

Class:

III

Optional accessories:

Honeycomb, Elliptical Lens, Solite lens

Ceiling Thickness:

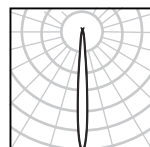
9mm-28mm

Material:

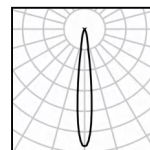
Fine aluminium 6063A

Certifications:

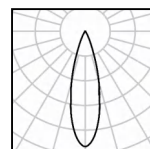
CB, CE, RoHS, ERP, UKCA, GLOBAL MARK,
60-MINUT FIRE RESISTANCE, CCC, BIS
IEC-62471-Photobiological-safety



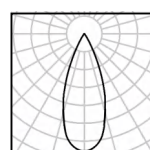
10W Ra98 3000K 5°



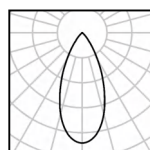
12W Ra98 3000K 15°



12W Ra98 3000K 24°



12W Ra98 3000K 36°



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	43452	0.05
1.0	10863	0.10
1.5	4828	0.15
2.0	2716	0.20
2.5	1738	0.24
3.0	1207	0.29

h(m)	E(lx)	D(m)
0.5	17662	0.13
1.0	4416	0.26
1.5	1962	0.39
2.0	1104	0.52
2.5	706	0.65
3.0	491	0.78

h(m)	E(lx)	D(m)
0.5	6966	0.22
1.0	1741	0.44
1.5	774	0.65
2.0	435	0.87
2.5	279	1.09
3.0	193	1.31

h(m)	E(lx)	D(m)
0.5	3324	0.32
1.0	831	0.64
1.5	369	0.96
2.0	208	1.28
2.5	133	1.61
3.0	92	1.93

h(m)	E(lx)	D(m)
0.5	1826	0.48
1.0	456	0.95
1.5	203	1.43
2.0	114	1.91
2.5	73	2.38
3.0	51	2.86

*5° uses 12W micro LED; other beams use standard 36V COB.



Code example:

AFL 78 12W- M -30 N 36-W B H

AFL/ adjustable

78 / cutout 78mm

12W / system power

M / semi baffle

30 / 3000K

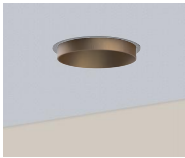
N / non dim

36 / beam angle 36°

W/ white bezel

B/ black baffle

H/ Honeycomb (Optional)



W system	lm system	optics	code
6W	186	5°	AFL7806W-M-30N05



W system	lm system	optics	code
8W	255	5°	AFL7808W-M-30N05
8W	573	15°	AFL7808W-M-30N15
8W	548	24°	AFL7808W-M-30N24
8W	519	36°	AFL7808W-M-30N36
8W	600	50°	AFL7808W-M-30N50



W system	lm system	optics	code
10W	276	5°	AFL7810W-M-30N05
10W	699	15°	AFL7810W-M-30N15
10W	666	24°	AFL7810W-M-30N24
10W	624	36°	AFL7810W-M-30N36
10W	726	50°	AFL7810W-M-30N50



W system	lm system	optics	code
12W	822	15°	AFL7812W-M-30N15
12W	790	24°	AFL7812W-M-30N24
12W	780	36°	AFL7812W-M-30N36
12W	841	50°	AFL7812W-M-30N50