ACME STRAIGHT

Ø78 Engine

Mini-Trim Adjustable Round Downlight

CUTOUT :78mm

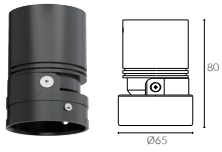
25°

Adjustable Optic

360°

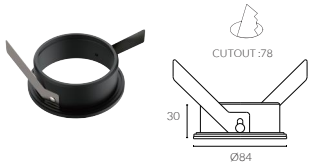
Accessories can be ordered separately

Light Engine



SKU：EN-78

Mini-Trim

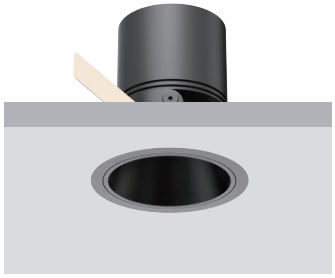


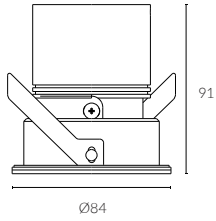
SKU： BZ-78

Straight Baffle



SKU：BF-78





Standard

Black Painted 9005

White Painted 9016

Curated Finishes (MOQ 20 applies)

Regency Champagne

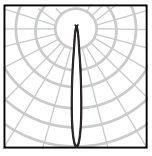
Heritage Brass

Bright Chrome

Black Nickel

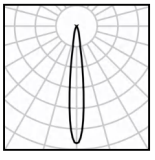
IP Rating:	IP44 front
Optics:	5°/15°/24°/36°/50°
UGR:	<10
CRI/RF/RG/R9:	typ. 98/95/104/97
Lifetime:	50,000 hrs (L90 B10)
CCT:	2700K / 3000K / 3500K / 4000K / 2700K-6000K
CCT on request:	High efficiency 3000K /2200K / WD 1800K - 3000K
	TW 1800K -3000K / TW 1800K - 4000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Phase Cut, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Driver Input:	AC220-240V 50/60Hz
Electrical (System W): (15°-50°)	DC 36V 200mA 8W
	DC 36V 250mA 10W
	DC 36V 300mA 12W
Ambient temp:	-20 ℃ to 25 ℃
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-MINUTE FIRE RESISTANCE, CCC, BIS
	IEC-62471-Photobiological-safety

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



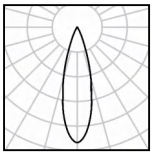
10W Ra98 3000K 5°

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



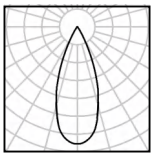
12W Ra98 3000K 15°

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



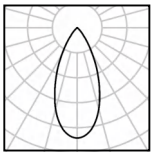
12W Ra98 3000K 24°

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



12W Ra98 3000K 36°

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



12W Ra98 3000K 50°

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

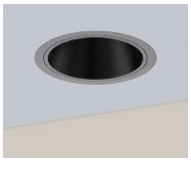


Code example:

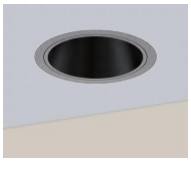
AFL 78 12W- 30 N 36-B B H
AFL/ adjustable
78 / cutout 78mm
12W / system power
30 / 3000K
N / non dim
36 / beam angle 36°
B/ black bezel
B/ black baffle
H/ Honeycomb（Optional）



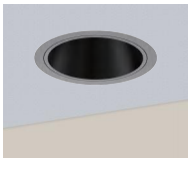
DuraGreen project:
Four Seasons Hotel



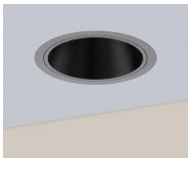
W system	lm system	optics	code
6W	186	5°	AFL7806W-30N05



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



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



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