ACME SQUARE

Ø68 Engine

Trimless Adjustable Square Downlight



cutout :80*80mm

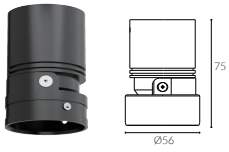


Adjustable Optic



Accessories can be ordered separately

Light Engine



SKU：EN-68-Q

Trimless



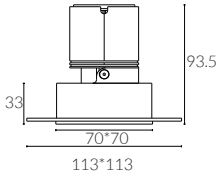
SKU： BZ-68-Q-TL

Baffle



SKU：BF-68-Q





Standard



Black Painted 9005

White Painted 9016

Curated Finishes (MOQ 20 applies)



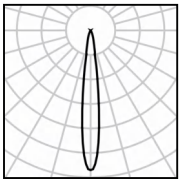
Regency Champagne

Heritage Brass

Bright Chrome

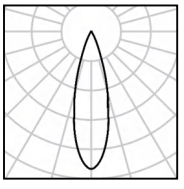
Black Nickel

IP Rating:	IP65 front
Optics:	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):	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
Material:	Fine aluminium 6063A
Certifications:	CB, CE, RoHS, ERP, UKCA, GLOBAL MARK, CCC, BIS



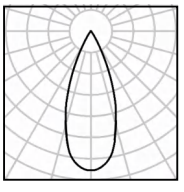
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	10897	0.17
1.0	2724	0.33
1.5	1211	0.50
2.0	681	0.66
2.5	436	0.83
3.0	303	0.99



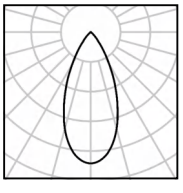
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	8621	0.20
1.0	2155	0.41
1.5	958	0.61
2.0	539	0.81
2.5	345	1.02
3.0	239	1.22



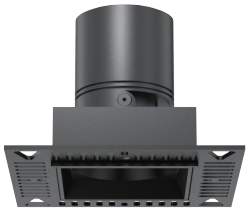
12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	4792	0.28
1.0	1198	0.55
1.5	532	0.83
2.0	300	1.10
2.5	192	1.38
3.0	133	1.65



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1608	0.47
1.0	402	0.93
1.5	179	1.40
2.0	100	1.87
2.5	64	2.33
3.0	45	2.80

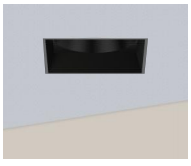




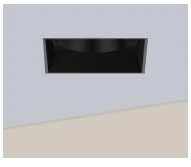
Code example:

AFL 68 12W-Q -TL-30 N 36-TB B H

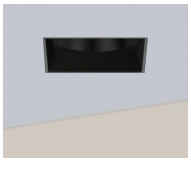
AFL/ adjustable
68 / 68 Engine
12W / system power
Q / square
TL / trimless
30 / 3000K
N / non dim
36 / beam angle 36°
TB / trimless bezel
B/ black baffle
H/ Honeycomb（Optional）



W system	lm system	optics	code
8W	487	15°	AFL6808W-Q-TL-30N15
8W	503	24°	AFL6808W-Q-TL-30N24
8W	492	36°	AFL6808W-Q-TL-30N36
8W	427	50°	AFL6808W-Q-TL-30N50



W system	lm system	optics	code
10W	553	15°	AFL6810W-Q-TL-30N15
10W	575	24°	AFL6810W-Q-TL-30N24
10W	565	36°	AFL6810W-Q-TL-30N36
10W	485	50°	AFL6810W-Q-TL-30N50



W system	lm system	optics	code
12W	717	15°	AFL6812W-Q-TL-30N15
12W	760	24°	AFL6812W-Q-TL-30N24
12W	750	36°	AFL6812W-Q-TL-30N36
12W	640	50°	AFL6812W-Q-TL-30N50