

ACME SQUARE

Φ68 Engine

Trimless Adjustable Twin Square Downlight



cutout :156*80mm

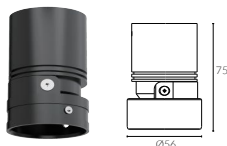


Adjustable Optic



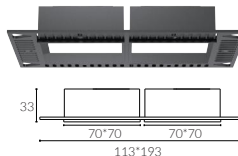
Accessories can be ordered separately

Light Engine



SKU : EN-68-Q

Trimless



SKU : BZ-68X2-Q-TL

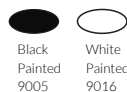
Baffle



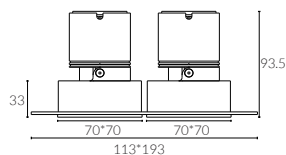
SKU : BF-68-Q



Standard



Curated Finishes (MOQ 20 applies)



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

Input: AC220-240V 50/60Hz

Output: DC 36V 200mA 8W *2

DC 36V 250mA 10W *2

DC 36V 300mA 12W *2

Ambient temp: -20 °C to 25 °C

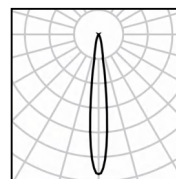
Class: III

Optional accessories: Honeycomb, Elliptical Lens, Solite lens

Ceiling Thickness: 9mm-28mm

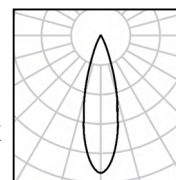
Material: Fine aluminium 6063A

Certifications: CB, CE, RoHS, ERP, UKCA, GLOBAL MARK, CCC, BIS



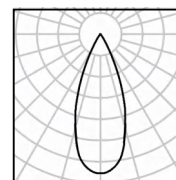
12W Ra98 3000K 15°

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



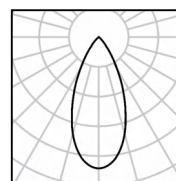
12W Ra98 3000K 24°

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



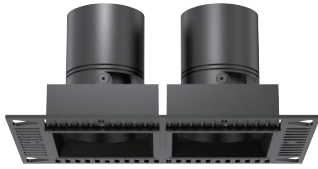
12W Ra98 3000K 36°

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 12WX2-Q-TL-30 N 36-TB B H

AFL/ adjustable

68 / 68 Engine

12WX2 / system power

Q / square

TL / trimless

30 / 3000K

N / non dim

36 / beam angle 36°

TB / trimless bezel

B/ black baffle

H/ Honeycomb (Optional)



DuraGreen project:
London Luxury Home



W system	lm system	optics	code
8W * 2	487 * 2	15°	AFL6808WX2-Q-TL-30N15
8W * 2	503 * 2	24°	AFL6808WX2-Q-TL-30N24
8W * 2	492 * 2	36°	AFL6808WX2-Q-TL-30N36
8W * 2	427 * 2	50°	AFL6808WX2-Q-TL-30N50



W system	lm system	optics	code
10W * 2	553 * 2	15°	AFL6810WX2-Q-TL-30N15
10W * 2	575 * 2	24°	AFL6810WX2-Q-TL-30N24
10W * 2	565 * 2	36°	AFL6810WX2-Q-TL-30N36
10W * 2	485 * 2	50°	AFL6810WX2-Q-TL-30N50



W system	lm system	optics	code
12W * 2	717 * 2	15°	AFL6812WX2-Q-TL-30N15
12W * 2	760 * 2	24°	AFL6812WX2-Q-TL-30N24
12W * 2	750 * 2	36°	AFL6812WX2-Q-TL-30N36
12W * 2	640 * 2	50°	AFL6812WX2-Q-TL-30N50