ACME SQUARE

Ø68 Engine

Adjustable Twin Square Downlight



cutout :156*80mm

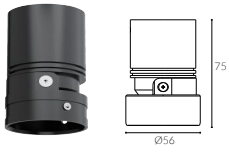


Adjustable Optic



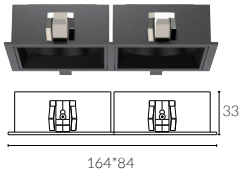
Accessories can be ordered separately

Light Engine



SKU：EN-68-Q

Mini-Trim



SKU： BZ-68X2-Q

Baffle



SKU：BF-68-Q

Standard

Black Painted 9005

White Painted 9016

Curated Finishes (MOQ 20 applies)

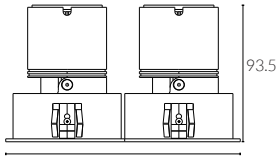
Regency Champagne

Heritage Brass

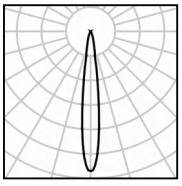
Bright Chrome

Black Nickel



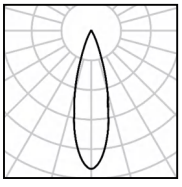


IP Rating:	IP65 front
Optics:	15°/24°/36°/50°
UGR:	<10
CRI/RF/RG/R9:	typ. 98/95/104/97
Lifetime:	50,000 hrs (L90 B10)
CCT:	2700K / 3000K / 3500K / 4000K / 2700K-6000K
CCT on request:	High efficiency 3000K /2200K / WD 1800K - 3000K TW 1800K -3000K / TW 1800K - 4000K
Typical Source Efficacy (lm/W):	110
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 *2 DC 36V 250mA 10W *2 DC 36V 300mA 12W *2
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, CCC, BIS



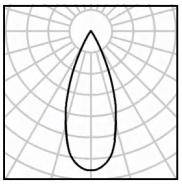
12W Ra98 3000K 15°

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



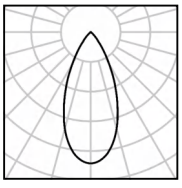
12W Ra98 3000K 24°

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°

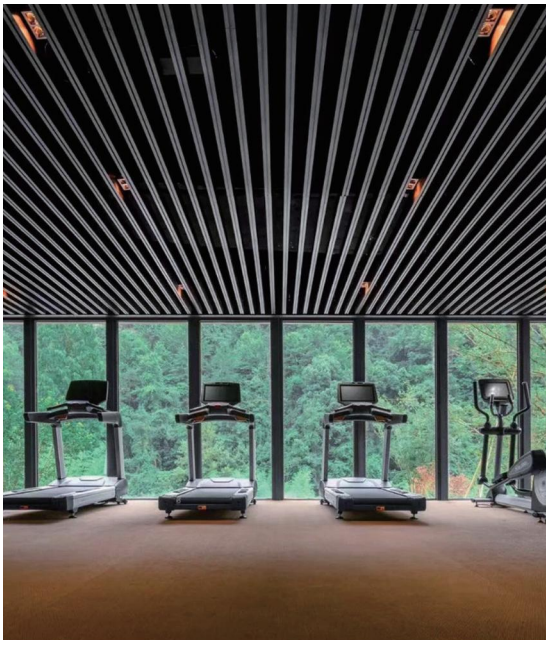
h(m)	E(lx)	D(m)
0.5	4792	0.28
1.0	1198	0.55
1.5	532	0.83
2.0	300	1.10
2.5	192	1.38
3.0	133	1.65



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





DuraGreen project:
The CHEDI Resort

Code example:

AFL 68 12WX2-Q -30 N 36-B B H

AFL/ adjustable
68 / 68 Engine
12WX2 / system power
Q / square
30 / 3000K
N / non dim
36 / beam angle 36°
B/ black bezel
B/ black baffle
H/ Honeycomb（Optional）



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



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



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