

ACME IN-OUT

Φ78 Engine

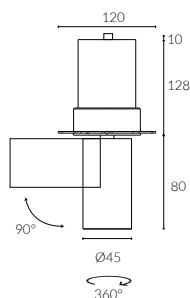
Trimless Adjustable In/out Spotlights



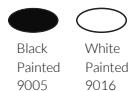
cutout :78mm



Adjustable Optic



Standard



Curated Finishes (MOQ 20 applies)



IP Rating:	IP44 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 250mA 10W

Ambient temp:

-20 C to 25 C

Class:

III

Optional accessories:

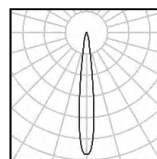
Honeycomb, Elliptical Lens, Solite lens

Material:

Fine aluminium 6063A

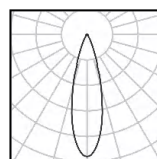
Certifications:

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



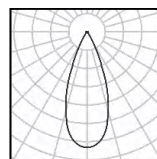
10W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	8822	0.15
1.0	2206	0.30
1.5	980	0.45
2.0	551	0.60
2.5	353	0.76
3.0	245	0.91



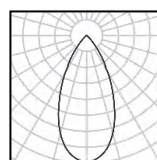
10W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	6615	0.23
1.0	1654	0.46
1.5	735	0.69
2.0	413	0.92
2.5	265	1.15
3.0	184	1.37



10W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	3458	0.32
1.0	864	0.65
1.5	384	0.97
2.0	216	1.29
2.5	138	1.61
3.0	96	1.94



10W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	2048	0.45
1.0	512	0.89
1.5	228	1.34
2.0	128	1.79
2.5	82	2.24
3.0	57	2.68



Code example:

AFL 7810W-IO -TL -30 N 36-TB B H

AFL/ adjustable

78 / cutout 78mm

10W / system power

IO / In-out

TL / trimless

30 / 3000K

N / non dim

36 / beam angle 36°

TB / trimless bezel

B/ black structure

H/ Honeycomb (Optional)



DuraGreen project:
Rimadesio Flagship Store, Shanghai



W system	lm system	optics	code
10W	501	15°	AFL7810W-IO-TL-30N15
10W	653	24°	AFL7810W-IO-TL-30N24
10W	692	36°	AFL7810W-IO-TL-30N36
10W	676	50°	AFL7810W-IO-TL-30N50