

ACME FIXED

Φ78 Engine Curve

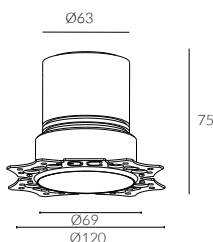
Trimless Fixed Round Downlight



CUTOUT :78mm



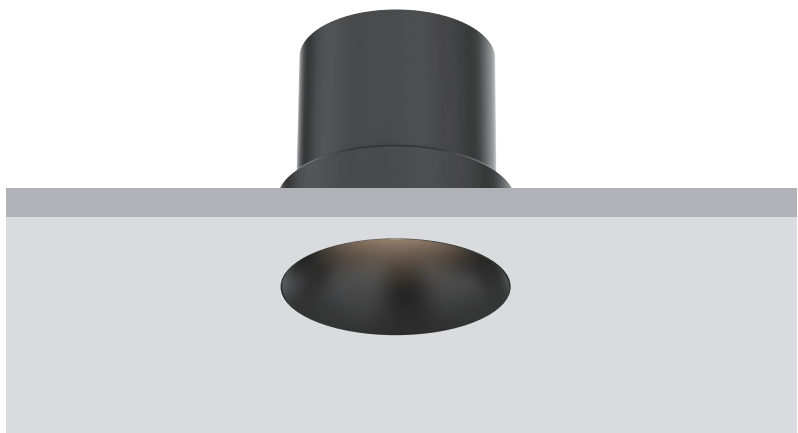
Fixed Optic



Standard



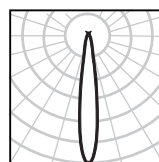
Curated Finishes (MOQ 20 applies)



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

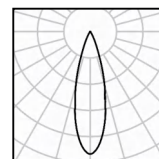
Typical Source	110
Efficacy (lm/W):	110
Control:	On/off, Phase Cut, 0/1-10V, Dali, Zigbee, Casambi
Binning	2 Step MacAdams
Input:	AC220-240V 50/60Hz
Output:	DC 36V 200mA 8W DC 36V 250mA 10W DC 36V 300mA 12W

Ambient temp:	-20 °C to 25 °C
Class:	III
Optional accessories:	Honeycomb, Elliptical Lens, Solite lens
Material:	Fine aluminium 6063A
Certifications:	CE, RoHS



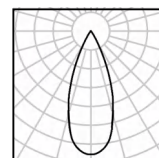
12W Ra98 3000K 15°

h(m)	E(lx)	D(m)
0.5	21684	0.13
1.0	5421	0.26
1.5	2409	0.38
2.0	1355	0.51
2.5	867	0.64
3.0	602	0.77



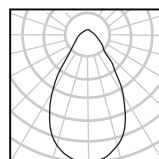
12W Ra98 3000K 24°

h(m)	E(lx)	D(m)
0.5	8034	0.21
1.0	2008	0.42
1.5	893	0.63
2.0	502	0.84
2.5	321	1.05
3.0	223	1.26



12W Ra98 3000K 36°

h(m)	E(lx)	D(m)
0.5	3428	0.31
1.0	857	0.62
1.5	381	0.93
2.0	214	1.25
2.5	137	1.56
3.0	95	1.87



12W Ra98 3000K 50°

h(m)	E(lx)	D(m)
0.5	1695	0.64
1.0	424	1.29
1.5	188	1.93
2.0	106	2.58
2.5	68	3.22
3.0	47	3.87



Code example:

MFL 78 12W- C -TL -30 N 36-TB B H

MFL/ fixed

78 / cutout 78mm

12W / system power

C / curve baffle

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	622	15°	MFL7808W-C-TL-30N15
8W	603	24°	MFL7808W-C-TL-30N24
8W	544	36°	MFL7808W-C-TL-30N36
8W	611	50°	MFL7808W-C-TL-30N50



W system	lm system	optics	code
10W	777	15°	MFL7810W-C-TL-30N15
10W	714	24°	MFL7810W-C-TL-30N24
10W	660	36°	MFL7810W-C-TL-30N36
10W	759	50°	MFL7810W-C-TL-30N50



W system	lm system	optics	code
12W	865	15°	MFL7812W-C-TL-30N15
12W	848	24°	MFL7812W-C-TL-30N24
12W	899	36°	MFL7812W-C-TL-30N36
12W	876	50°	MFL7812W-C-TL-30N50