ORBIT SURFACE

Ø55 Engine

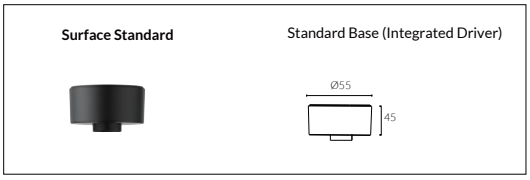
Surface Spotlight



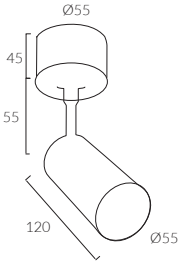
Adjustable Optic



Installation Accessories







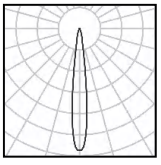
Standard



Black Painted

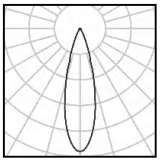
White Painted

IP Rating:	IP20
Optics:	12°/20°/30°/40°
UGR:	<10
CRI/RF/RG/R9:	typ. 98/95/104/97
Lifetime:	50,000 hrs (L90 B10)
CCT:	2700K / 3000K / 3500K / 4000K
Typical Source Efficacy (lm/W):	110
Control:	On/off, Phase Cut, 0/1-10V, Dali
Binning	2 Step MacAdams
Driver Input:	AC220-240V 50/60Hz
Electrical (System W):	DC 36V 250mA 10W DC 36V 300mA 12W
Ambient temp:	-20 ℃ to 25 ℃
Class:	III
Material:	Fine aluminium 6063A
Optional Accessories:	Honeycomb, Elliptical Lens, Solite lens
Certifications:	CE



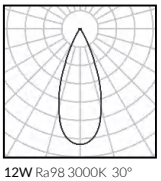
12W Ra98 3000K 12°

h(m)	E(lx)	D(m)
0.5	19105	0.10
1.0	4776	0.20
1.5	2123	0.30
2.0	1194	0.40
2.5	764	0.50
3.0	531	0.60



12W Ra98 3000K 20°

h(m)	E(lx)	D(m)
0.5	9811	0.18
1.0	2453	0.36
1.5	1090	0.53
2.0	613	0.71
2.5	392	0.89
3.0	273	1.07



12W Ra98 3000K 30°

h(m)	E(lx)	D(m)
0.5	5116	0.28
1.0	1279	0.55
1.5	568	0.83
2.0	320	1.11
2.5	205	1.39
3.0	142	1.66





DuraGreen project:
Michelin 3 Star DA VITTORIO

Code example:

MAS 55 12W -30 N 12- B
MAS/ ORBIT surface
55 / 55 engine
12W / system power
30 / 3000K
N / non dim
12/ beam angle 12°
B/ black structure



W system	lm system	optics	code
10W	639	12°	MAS5510W-30N12
10W	684	20°	MAS5510W-30N20
10W	738	30°	MAS5510W-30N30
10W	700	40°	MAS5510W-30N40



W system	lm system	optics	code
12W	747	12°	MAS5512W-30N12
12W	749	20°	MAS5512W-30N20
12W	803	30°	MAS5512W-30N30
12W	760	40°	MAS5512W-30N40