

High Efficiency Part L Compliant

L1≥75 Dwellings compliant (light Source lumens per circuit watt)

L 2≥95 Commercial Buildings Compliant(average luminaire efficacy per circuit-watt)

Φ68 Engine

Trimless Adjustable Round Downlight

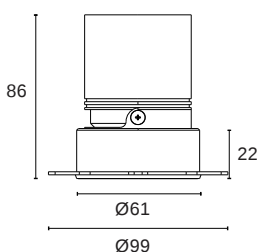
78 Lm/CW



cutout :68mm



Adjustable Optic



baffle



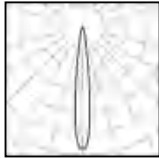
IP Rating:	IP44 and IP65 options (from the front)
Optics:	15°/21°/36°
UGR:	<10
CRI(typ)(R9):	2700K 93 (73) , 3000K 92 (65)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	140(Luminus CXM Gen6)
Binning:	2 Step MacAdams
Lifetime:	>50,000 hrs (L70 B10)
Input:	AC220-240V 50/60Hz
Input Voltage(typ):	33V
Drive Current:	300mA
LED Power:	9.9W
Power inc. Driver:	12W
Control:	On/off, Mains Dim, 0/1-10V, Dali, Zigbee, Casambi
Ambient temp:	-20 °C to 45 °C
Class:	II
Optional accessories:	Honeycomb louvre, Spread Filter, Colour Filter
Ceiling Thickness:	9mm-28mm
Material:	Fine aluminium 6063A
Fire resistance test:	60 minutes
Weight (kg):	0.3



W system	CCT	lm system	Luminaire		code
			Lm/CW	optics	
12W	2700K	816	68	15°	AFL6812W-TL-H27N15-W
12W	2700K	860	72	21°	AFL6812W-TL-H27N21-W
12W	2700K	876	73	36°	AFL6812W-TL-H27N36-W

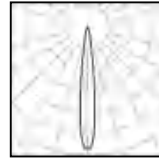


W system	CCT	lm system	Luminaire		code
			Lm/CW	optics	
12W	3000K	850	71	15°	AFL6812W-TL-H30N15-W
12W	3000K	936	78	21°	AFL6812W-TL-H30N21-W
12W	3000K	928	77	36°	AFL6812W-TL-H30N36-W



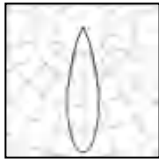
12W Ra93(73) 2700K 15°

h(m)	E(lx)	D(m)
0.5	14233	0.14
1.0	3558	0.28
1.5	1581	0.43
2.0	890	0.57
2.5	569	0.71
3.0	395	0.85



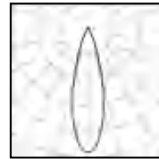
12W 92 (65) 3000K 15°

h(m)	E(lx)	D(m)
0.5	14400	0.13
1.0	3600	0.25
1.5	1600	0.38
2.0	900	0.51
2.5	576	0.63
3.0	400	0.76



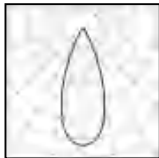
12W Ra93(73) 2700K 21°

h(m)	E(lx)	D(m)
0.5	10101	0.19
1.0	2525	0.37
1.5	1122	0.56
2.0	631	0.75
2.5	404	0.94
3.0	281	1.12



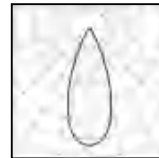
12W 92 (65) 3000K 21°

h(m)	E(lx)	D(m)
0.5	11046	0.20
1.0	2762	0.40
1.5	1227	0.60
2.0	690	0.81
2.5	442	1.01
3.0	307	1.21



12W Ra93(73) 2700K 36°

h(m)	E(lx)	D(m)
0.5	4239	0.35
1.0	1060	0.70
1.5	471	1.04
2.0	265	1.39
2.5	170	1.74
3.0	118	2.09



12W 92 (65) 3000K 36°

h(m)	E(lx)	D(m)
0.5	4445	0.34
1.0	1111	0.68
1.5	494	1.03
2.0	278	1.37
2.5	178	1.71
3.0	123	2.05