

High Efficiency Part L Compliant

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

L2 ≥ 95 Commercial Buildings Compliant (average luminaire efficacy per circuit-watt)

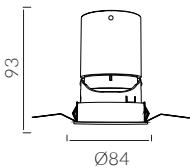
Φ75 Adjustable Round 102 Lm/CW



cutout :75mm



Adjustable Optic



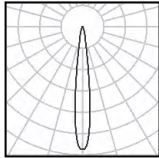
IP Rating:	IP44 and IP65 options (from the front)
Optics:	12°/24°/36°/56°
UGR:	<10
CRI(typ)(R9):	2700K 93 (73) , 3000K 92 (65)
CCT:	2700K/3000K
Typical Source	
Efficacy (lm/W):	140(Luminus CXM Gen6)
Binning:	2 Step MacAdams
Lifetime:	>50,000 hrs (L70 B10)
Input:	AC 220-240V 50/60Hz
Input Voltage(typ):	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
Weight (kg):	0.4



W system	CCT	lm system	Luminaire		
			Lm/CW	optics	code
12W	2700K	855	71	12°	AFL7512W-H27N12-W
12W	2700K	1126	94	24°	AFL7512W-H27N24-W
12W	2700K	1179	98	36°	AFL7512W-H27N36-W
12W	2700K	1085	90	55°	AFL7512W-H27N55-W

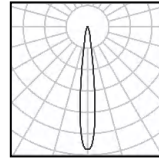


W system	CCT	lm system	Luminaire		
			Lm/CW	optics	code
12W	3000K	881	73	12°	AFL7512W-H30N12-W
12W	3000K	1171	97	24°	AFL7512W-H30N24-W
12W	3000K	1223	102	36°	AFL7512W-H30N36-W
12W	3000K	1085	90	55°	AFL7512W-H30N55-W



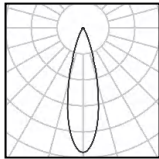
12W Ra93(73) 2700K 12°

h(m)	E(lx)	D(m)
0.5	20516	0.11
1.0	5129	0.21
1.5	2280	0.32
2.0	1282	0.42
2.5	821	0.53
3.0	570	0.63



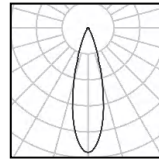
12W 92 (65) 3000K 12°

h(m)	E(lx)	D(m)
0.5	20998	0.11
1.0	5250	0.22
1.5	2333	0.33
2.0	1312	0.44
2.5	840	0.55
3.0	583	0.66



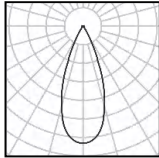
12W Ra93(73) 2700K 24°

h(m)	E(lx)	D(m)
0.5	11337	0.21
1.0	2834	0.42
1.5	1260	0.63
2.0	709	0.84
2.5	453	1.05
3.0	315	1.26



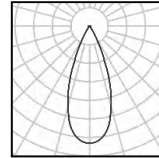
12W 92 (65) 3000K 24°

h(m)	E(lx)	D(m)
0.5	11980	0.21
1.0	2995	0.42
1.5	1331	0.63
2.0	749	0.84
2.5	479	1.04
3.0	333	1.25



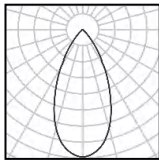
12W Ra93(73) 2700K 36°

h(m)	E(lx)	D(m)
0.5	5335	0.33
1.0	1334	0.65
1.5	593	0.98
2.0	333	1.31
2.5	213	1.63
3.0	148	1.96



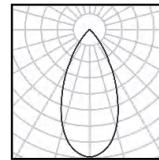
12W 92 (65) 3000K 36°

h(m)	E(lx)	D(m)
0.5	5628	0.34
1.0	1407	0.67
1.5	625	1.01
2.0	352	1.35
2.5	225	1.68
3.0	156	2.02



12W Ra93(73) 2700K 55°

h(m)	E(lx)	D(m)
0.5	1898	0.53
1.0	475	1.07
1.5	211	1.60
2.0	119	2.14
2.5	76	2.67
3.0	53	3.20



12W 92 (65) 3000K 55°

h(m)	E(lx)	D(m)
0.5	2045	0.53
1.0	511	1.06
1.5	227	1.60
2.0	128	2.13
2.5	82	2.66
3.0	57	3.19