

# 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)

## Φ68 Engine

Adjustable Round Downlight

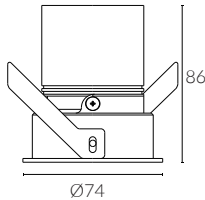
78 Lm/CW



cutout :68mm



Adjustable Optic



bezel | baffle



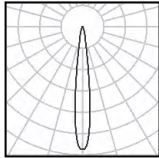
<b>IP Rating:</b>	IP44 and IP65 options (from the front)
<b>Optics:</b>	15°/21°/36°
<b>UGR:</b>	<10
<b>CRI(typ)(R9):</b>	2700K 93 (73) , 3000K 92 (65)
<b>CCT:</b>	2700K/3000K
<b>Typical Source</b>	
<b>Efficacy (lm/W):</b>	140(Luminus CXM Gen6)
<b>Binning:</b>	2 Step MacAdams
<b>Lifetime:</b>	>50,000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



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

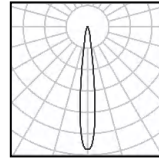


W system	CCT	lm system	Luminaire		
			Lm/CW	optics	code
12W	3000K	850	71	15°	AFL6812W-H30N15-W
12W	3000K	936	78	21°	AFL6812W-H30N21-W
12W	3000K	928	77	36°	AFL6812W-H30N36-W



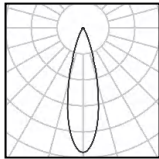
12W Ra93(73) 2700K 15°

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



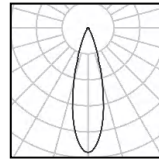
12W 92 (65) 3000K 15°

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



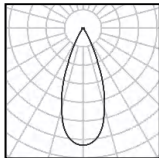
12W Ra93(73) 2700K 21°

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



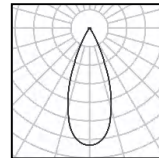
12W 92 (65) 3000K 21°

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