

CFL Downlights

Commercial Downlights.
Open Downlights & IP44 available.
Quality fittings using Namo Paint.
Very high Performance.



DL6-218N



DL8-126N



DL8-226N



DL6-218GN



DL8-226GN

Model	Wattage	Dia(mm)	Description
DL6113N	1X13	150	Recessed downlight with open nanobrite finish reflector.
DL6118N	1X18	150	
DL6213N	2X13	150	
DL6218N	2X18	150	
DL8118N	1X18	200	
DL8126N	1X26	200	
DL8218N	2X18	200	
DL8226N	2X26	200	Recessed downlight with open nanobrite finish reflector.
DL6113GN	1X13	150	
DL6118GN	1X18	150	
DL6213GN	2X13	150	
DL6218GN	2X18	150	
DL8118GN	1X18	200	
DL8126GN	1X26	200	
DL8218GN	2X18	200	
DL8226GN	2X26	200	

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New Product from Energy Saving Lighting
High Performance Compact Fluorescent Downlights
DL6 AND DL8 SERIES

FEATURING SPECIAL 'NANOBRITE' PAINT FINISH



ESL's new Range of Compact Fluorescent Downlights are finished with a special matt paint finish called 'Nanobrite'. This unique material offers substantial features and benefits over anodised aluminium.

Features

- High reflection factor
- Acid & UV Resistant
- Heat Resistant up to 400 degrees Centigrade
- No plating (no pollution)
- Resistant to moisture, mould, static

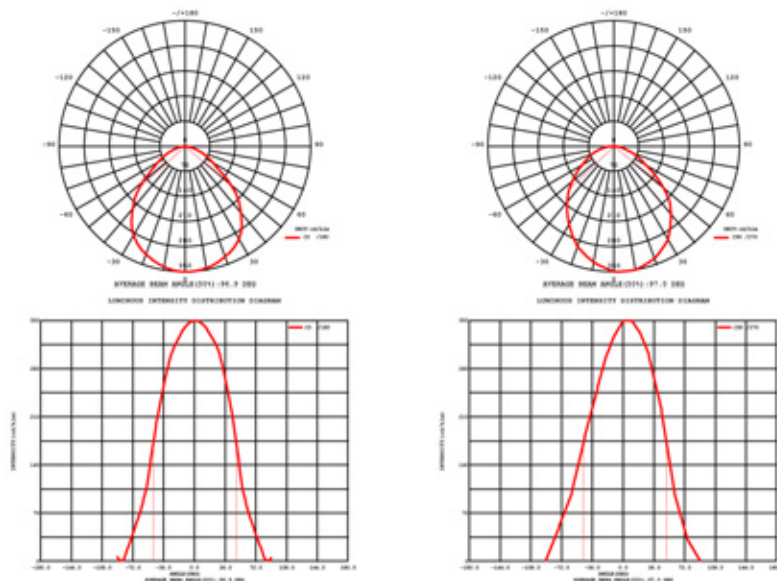
Benefits

- Light levels maintained as recommended in AS1680
- Better glare control
- Improved lighting uniformity
- Wider Spacing
- Easy to clean and maintain (no fingerprints)
- All multi-lamp products have individual lamp operation

The end result is a more aesthetically appealing installation which can also provide a reduction in the quantity required resulting in reduced energy consumption.

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Luminous Intensity Distribution Diagram

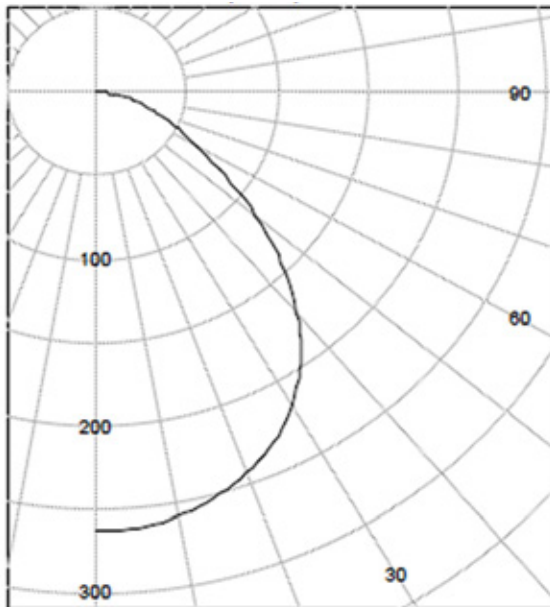


Intensity Data (cd/klm)

Gamma	MEAN	LUMENS	Gamma	MEAN	LUMENS
0.0	263		90.0	0	
2.5	263		92.5	0	
5.0	262	25	95.0	0	
7.5	260		97.5	0	0
10.0	258		100.0	0	
12.5	256		102.5	0	
15.0	252	71	105.0	0	
17.5	248		107.5	0	0
20.0	243		110.0	0	
22.5	238		112.5	0	
25.0	232	107	115.0	0	
27.5	225		117.5	0	0
30.0	217		120.0	0	
32.5	207		122.5	0	
35.0	197	122	125.0	0	
37.5	185		127.5	0	0
40.0	173		130.0	0	
42.5	159		132.5	0	
45.0	145	111	135.0	0	
47.5	130		137.5	0	0
50.0	115		140.0	0	
52.5	100		142.5	0	
55.0	86	78	145.0	0	
57.5	74		147.5	0	0
60.0	64		150.0	0	
62.5	55		152.5	0	
65.0	47	47	155.0	0	
67.5	41		157.5	0	0
70.0	35		160.0	0	
72.5	30		162.5	0	
75.0	25	26	165.0	0	
77.5	20		167.5	0	0
80.0	15		170.0	0	
82.5	11		172.5	0	
85.0	7	8	175.0	0	
87.5	3		177.5	0	0
90.0	0		180.0	0	

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Legend : CO-Solid (cd/klm)



AVERAGE LUMINANCE (cd / sq.m / klm)

Gamma	C0
45.0	7617
55.0	5586
65.0	4147
75.0	3543
85.0	2965

Intensity Data (cd/klm)

Gamma	C0	LMS.	Gamma	C0	LMS.
0	263		90	0	
5	262	25	95	0	0
10	258		100	0	
15	252	71	105	0	0
20	243		110	0	
25	232	107	115	0	0
30	217		120	0	
35	197	122	125	0	0
40	173		130	0	
45	145	111	135	0	0
50	115		140	0	
55	86	78	145	0	0
60	64		150	0	
65	47	47	155	0	0
70	35		160	0	
75	25	26	165	0	0
80	15		170	0	
85	7	8	175	0	0
90	0		180	0	

ZONAL LUMENS AND PERCENTAGES

Zone	Lumens	%Lamp	%Luminaire
0-30	203	20.3	34.0
0-40	325	32.5	54.6
0-60	514	51.4	86.4
0-90	595	59.5	100.0
40-90	270	27.0	45.4
60-90	81	8.1	13.6
90-180	0	0.0	0.0
0-180	595	59.5	100.0

Light Output Ratio = 59.5 %