

The Moda Series



...Taking you forward



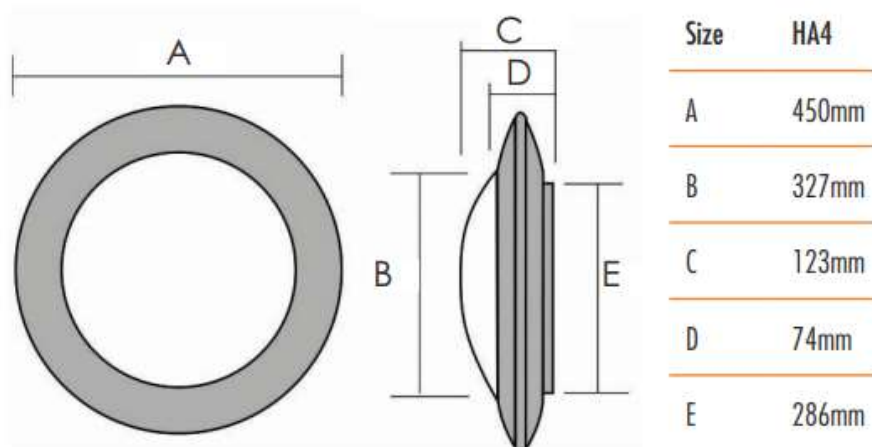
Packaged Lighting Solutions Ltd – The Pinnacle, 160 Midsummer Boulevard, Milton Keynes MK9 1FF

A circular decorative luminaire with halo backlight.

Combining direct and back lighting the Harmony Halo is the ultimate in contemporary lighting design. Suitable for both commercial and residential lighting, manufactured in the UK.

These fittings are manufactured with a spun aluminium bases, available as standard in white. Brass, chrome and satin aluminium are also available. Graphite is available as a non standard colour option.

- 345mm, 450mm and 564mm base.
- Halo effect with white or coloured back light.
- Various operating options.
- LED and lamp options.
- eMotion™ Corridor Master & Slave options.
- Dimmable options.
- Optional Night Light.
- Integral 3 hour maintained emergency versions.
- Drop pendant kit available.

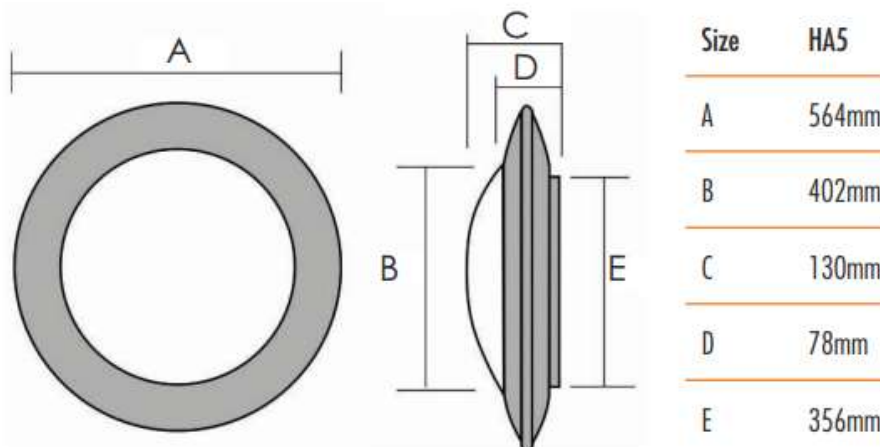


LED

LED 16

LED 1800

Colour Finish	Diffuser	CRI	System Power	Delivered Lumens	Efficacy	Options
White	Premium Opal	75	24.3W	1681lm	69.2lm/W	Click to View
White	Premium Opal	75	16.6W	1488lm	89.6lm/W	Click to View

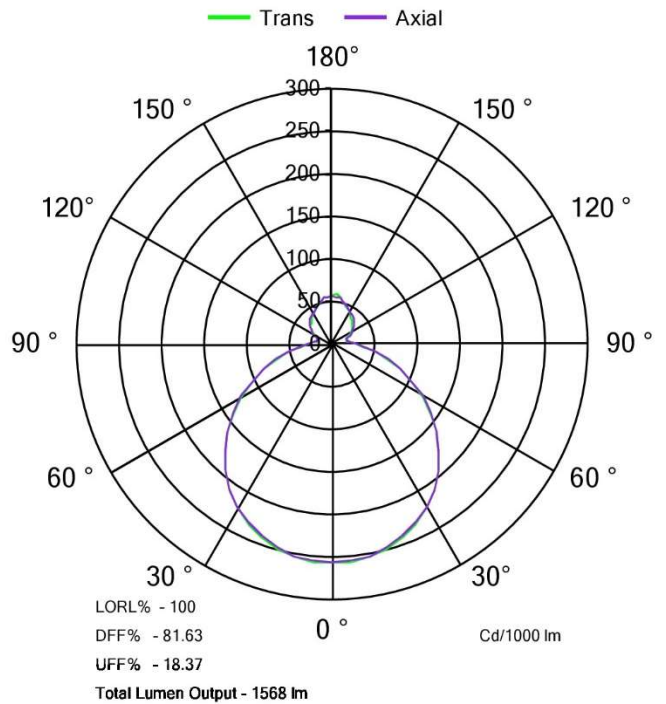


LED

LED 16

LED 22

Colour Finish	Diffuser	CRI	System Power	Delivered Lumens	Efficacy	Options
White	Premium Opal	75	23.5W	1568lm	67lm/W	Click to View
White	Premium Opal	75	31.5W	2075lm	66lm/W	Click to View



Utilization Factors UF() Standard Presentation							SHR NOM = 1.5						
Room Reflectance			Room Index										
C	W	F	0.75	1.00	1.25	1.5	2.0	2.5	3.0	4.00	5.00		
0.70	0.50	0.20	0.43	0.50	0.55	0.60	0.65	0.69	0.72	0.76	0.78		
	0.30		0.34	0.41	0.46	0.50	0.56	0.60	0.63	0.67	0.70		
	0.10		0.28	0.34	0.39	0.43	0.48	0.53	0.56	0.60	0.63		
0.70	0.50	0.20	0.40	0.45	0.50	0.54	0.59	0.62	0.65	0.68	0.70		
	0.30		0.32	0.38	0.43	0.46	0.51	0.55	0.57	0.61	0.63		
	0.10		0.27	0.32	0.36	0.40	0.45	0.48	0.51	0.55	0.57		
0.70	0.50	0.20	0.36	0.41	0.46	0.49	0.53	0.56	0.58	0.61	0.63		
	0.30		0.30	0.35	0.39	0.42	0.47	0.50	0.52	0.55	0.57		
	0.10		0.25	0.29	0.34	0.37	0.41	0.44	0.47	0.50	0.52		
0.00	0.00	0.00	0.21	0.25	0.28	0.31	0.34	0.37	0.39	0.41	0.43		
Rating: Photometrically tested without ceiling board.													
Multiply UF values by service correction factors.													
Calculated in accordance with CIBS Technical Memorandum No. 5													

	Cd/1000 lm	
	Axial	Trans.
0°	257.11	257.11
5°	255.81	256.91
10°	253.21	252.71
15°	247.82	248.72
20°	240.42	241.22
25°	231.73	232.63
30°	221.34	221.14
35°	208.25	208.25
40°	193.46	194.26
45°	178.47	177.07
50°	160.78	161.28
55°	142.39	142.59
60°	122.51	123.01
65°	103.42	103.72
70°	85.64	84.84
75°	68.05	67.25
80°	50.96	51.86
85°	38.67	37.67
90°	28.28	28.28
95°	21.68	21.68
100°	18.89	17.89
105°	16.99	16.99
110°	18.89	17.89
115°	22.58	21.68
120°	26.38	25.48
125°	30.18	29.28
130°	32.98	32.53
135°	35.87	34.87
140°	38.67	37.22
145°	40.57	39.12
150°	42.47	41.02
155°	45.27	44.37
160°	48.06	47.61
165°	51.86	51.41
170°	56.56	55.16
175°	55.66	58.01
180°	56.06	56.06

Luminaire Data

Luminaire Efficiency (LOR): 100

Luminaire Efficacy lm/W : 66.7

CIE Flux Codes : 43 73 91 82 100

System Power W : 23.5

Diameter mm : 564

Height mm : 130

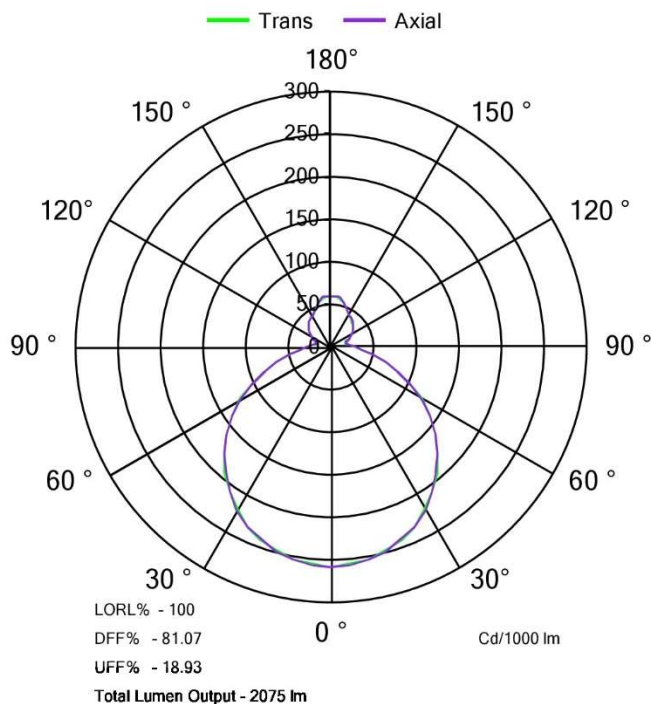
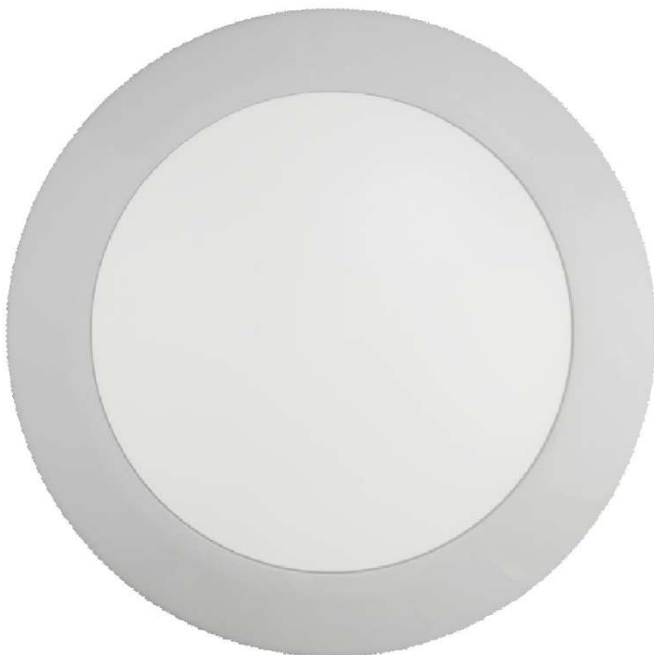
CRI / Colour Rendering Group : 75

IP 20 protection class

LED Light Source

Class 1 Luminaire

F Mark Luminaire



Utilization Factors UF() Standard Presentation							SHR NOM = 1.5						
Room Reflectance			Room Index										
C	W	F	0.75	1.00	1.25	1.5	2.0	2.5	3.0	4.00	5.00		
0.70	0.50	0.20	0.39	0.45	0.50	0.54	0.59	0.63	0.65	0.69	0.71		
	0.30		0.30	0.35	0.40	0.43	0.49	0.52	0.55	0.59	0.61		
	0.10		0.23	0.28	0.32	0.35	0.40	0.44	0.46	0.50	0.52		
0.70	0.50	0.20	0.35	0.41	0.45	0.48	0.52	0.56	0.58	0.60	0.62		
	0.30		0.27	0.32	0.36	0.39	0.44	0.47	0.49	0.52	0.54		
	0.10		0.22	0.26	0.30	0.32	0.36	0.39	0.42	0.45	0.47		
0.70	0.50	0.20	0.32	0.36	0.40	0.43	0.46	0.49	0.51	0.53	0.55		
	0.30		0.25	0.29	0.33	0.36	0.39	0.42	0.44	0.46	0.48		
	0.10		0.20	0.24	0.27	0.30	0.33	0.36	0.37	0.40	0.42		
0.00	0.00	0.00	0.16	0.19	0.21	0.23	0.26	0.28	0.29	0.31	0.32		
Rating: Photometrically tested without ceiling board.													
Multiply UF values by service correction factors.													
Calculated in accordance with CIBS Technical Memorandum No. 5													

	Cd/1000 lm	
	Axial	Trans.
0°	258.53	258.53
5°	256.93	256.63
10°	254.13	254.02
15°	249.12	247.72
20°	240.71	241.41
25°	232.41	232.41
30°	221.60	220.30
35°	208.18	208.08
40°	193.07	193.77
45°	177.26	177.66
50°	160.44	160.04
55°	141.83	141.93
60°	123.21	123.01
65°	103.29	103.29
70°	84.07	84.07
75°	66.46	66.16
80°	50.14	50.04
85°	37.83	37.13
90°	27.82	27.82
95°	22.12	21.42
100°	18.52	17.82
105°	17.82	17.12
110°	19.32	18.52
115°	23.52	22.82
120°	27.82	26.42
125°	31.43	30.73
130°	34.93	34.23
135°	37.83	36.43
140°	39.94	38.88
145°	41.44	40.74
150°	43.54	43.19
155°	47.14	46.44
160°	49.94	49.94
165°	54.25	53.90
170°	60.65	58.20
175°	58.55	58.90
180°	58.65	58.65

Luminaire Data

Luminaire Efficiency (LOR): 100

Luminaire Efficacy lm/W : 65.9

CIE Flux Codes : 43 74 91 81 100

System Power W : 31.5

Diameter mm : 564

Height mm : 130

CRI / Colour Rendering Group : 75

IP 20 protection class

LED Light Source

Class 1 Luminaire

F Mark Luminaire