

**SYSSION BG**

Model Reference	Colour Temperature (K)	Colour Rendering (Ra)	Light Source Power (W)	Light Source Output (lm)	Light Source Efficacy (lm/W)	Luminaire Power (tcW)	Luminaire Output (lm)	Luminaire Efficacy (lm/tcW)	UGR	EM output (lm)	Nominal Weight (kg)	Mains Voltage (V)	Mains Frequency (Hz)	Ingress Protection - Front	Ingress Protection - Rear	MacAdam (SDCM)	Minimum Operating Temperature (°C)	Maximum Operating Temperature (°C)	Warranty (Years)	Power Factor	Life L80/B10 (Hours)	LIGHT SOURCE ENERGY CLASS
BG001	3000	80	7.5	1475	197	9.5	1175	126	14.6	80	1.5	1470	50 - 60	IP20	IP20	3.0	0.0	35.0	5	0.92	>60	C
BG002	4000		7.5	1550	207	9.5	1250	132	14.8	80								25.0				
BG003	3000		12.0	2350	196	14.5	1875	129	16.2	80												
BG004	4000		12.0	2450	199	14.5	1975	136	16.4	80												
BG005	3000		20.0	3725	204	23.0	2975	129	17.8	80												
BG006	4000		20.0	3900	195	23.0	3125	136	17.9	80												
BG001/SA65	3000	80	7.5	1475	197	9.5	1100	116	15.7	80	1.5	1470	50 - 60	IP20	IP20	3.0	0.0	35.0	5	0.92	>60	C
BG002/SA65	4000		7.5	1550	207	9.5	1150	121	15.9	80								25.0				
BG003/SA65	3000		12.0	2350	196	14.5	1725	119	17.3	80												
BG004/SA65	4000		12.0	2450	199	14.5	1825	126	17.5	80												
BG005/SA65	3000		20.0	3725	204	23.0	2750	120	18.9	80												
BG006/SA65	4000		20.0	3900	195	23.0	2875	125	19.0	80												
BG001/R9	3000	90	7.5	1225	197	9.5	975	103	13.9	80	1.5	220 - 240	50 - 60	IP20	IP20	3.0	0.0	35.0	5	0.92	>60	D
BG002/R9	4000		7.5	1300	207	9.5	1050	95	14.2	80								25.0				
BG003/R9	3000		12.0	1900	196	14.5	1525	111	15.5	80												
BG004/R9	4000		12.0	2075	199	14.5	1650	103	15.7	80												
BG005/R9	3000		20.0	3175	204	23.0	2550	105	17.2	80												
BG006/R9	4000		20.0	3475	195	23.0	2775	98	17.5	80												
BG001/SA65/R9	3000	90	7.5	1225	197	9.5	900	95	15.0	80	1.5	220 - 240	50 - 60	IP20	IP20	3.0	0.0	35.0	5	0.92	>60	D
BG002/SA65/R9	4000		7.5	1300	207	9.5	975	111	15.3	80								25.0				
BG003/SA65/R9	3000		12.0	1900	196	14.5	1425	103	16.6	80												
BG004/SA65/R9	4000		12.0	2075	199	14.5	1425	105	16.8	80												
BG005/SA65/R9	3000		20.0	3175	204	23.0	1525	98	18.3	80												
BG006/SA65/R9	4000		20.0	3475	195	23.0	2350	114	18.7	80												

Please note: Specification values may change due to rapid development of lighting technology. All performance data is taken at an ambient temperature of +25°C. Data may be rounded up/down for illustrative purposes. Tolerance range of optical and electrical data is +/- 10%. We reserve the right to amend or change details without prior notification. E&OE.

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Thornhill Road Business Park  
Tenter Fields, Dewsbury  
West Yorkshire  
WF12 9QT  
+44 (0)1924 482777  
www.gamma-uk.com

