

Smart Light Engines

Efficient intelligent light engine with dynamic daylight sensing

Award winning range of intelligent light engines featuring advanced onboard sensors for maximum energy saving.

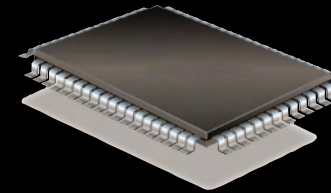


- Luxloc™ integral daylight linking
- Thermaloc™ dynamic thermal protection



- Operates standalone or as part of LEDsmart or other control solutions
- Microprocessor based intelligence

- Up to 2499 delivered lumens
- Up to 64.4lm/cW



SmartJupiter 1700

23.3W intelligent LED light engine module for general 32W CFL type applications

Delivered Lumens: 1461lm @ 4000K^B

Luminaire lm/circW: 58lm/circW^B

Typical CRI: Ra 86 @ 4000K

LED Power: 21.7W^C

Mains Power: 23.3 circW^B

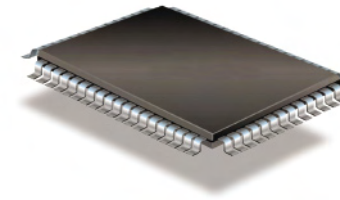
Light Aperture Compatibility: 80mm

LED Type: 12 Cree XPE-HEW/ 12 Lumileds Rebel ES



UK Part
L1 & L2

SJ1-1700



Ordering:	e.g.	Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
		FITTING CODE	/SJ1-1700	-80	-40 -27 -30 -65

Drivers: See Driver Controls

Colour Temperature	4000K	2700K*	3000K*	6500K*
Order Code	40	27	30	65
LED Module Luminous Flux	1672lm	1466lm	1571lm	1906lm
Delivered Lumens (L ₁₀₀) ^B	1461lm	1282lm	1374lm	1666lm
Typical CRI (Ra)	Ra 86	Ra 86	Ra 86	Ra 86
CRI shift @ 6000hrs	<3	<3	<3	<3
CCT shift @ 6000hrs	<3	<3	<3	<3
Lifetime (L ₇₀ F ₁₀) ^{AB}	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Lumen Maintenance Category	Cat 1 / Code 9	Cat 1 / Code 9	Cat 1 / Code 9	Cat 1 / Code 9
Module Drive Current	1000mA	1000mA	1000mA	1000mA
LEDs Drive Current	500mA	500mA	500mA	500mA
Emergency Pack BLF	5.5%	5.5%	5.5%	5.5%

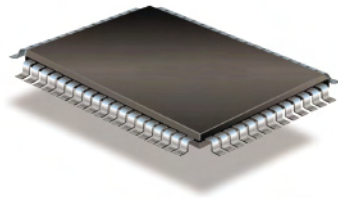
^A All data @ 25° ambient

^B In SN-LG fitting with 1000mA 86% efficient driver

^C 1000mA

* To special order minimum quantity

SJ1-2500



SmartJupiter 2500

33.3W intelligent LED light engine module for general 2 x 26W CFL type applications

Delivered Lumens: 2192lm @ 4000K^B

Luminaire lm/circW: 61lm/circW^B

Typical CRI: Ra 86 @ 4000K

LED Power: 31W^C

Mains Power: 33.3 circW^B

Light Aperture Compatibility: 80mm

LED Type: 18 Cree XPE-HEW/ 18 Lumileds Rebel ES



Ordering:	e.g.	Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
		FITTING CODE	 /SJ1-2500	-80	-40 -27 -30 -65

Drivers: See Driver Controls

Colour Temperature	4000K	2700K*	3000K*	6500K*
Order Code	40	27	30	65
LED Module Luminous Flux	2508lm	2200lm	2357lm	2859lm
Delivered Lumens (L ₁₀₀) ^B	2192lm	1923lm	2061lm	2499lm
Typical CRI (Ra)	Ra 86	Ra 86	Ra 86	Ra 86
CRI shift @ 6000hrs	<3	<3	<3	<3
CCT shift @ 6000hrs	3	3	3	3
Lifetime (L ₇₀ F ₁₀) ^{AB}	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Lumen Maintenance Category	Cat 1 / Code 9	Cat 1 / Code 9	Cat 1 / Code 9	Cat 1 / Code 9
Module Drive Current	1000mA	1000mA	1000mA	1000mA
LEDs Drive Current	500mA	500mA	500mA	500mA
Emergency Pack BLF	3.8%	3.8%	3.8%	3.8%

^A All data @ 25° ambient

^B In SN-LG fitting with 1000mA 86% efficient driver

^C 1000mA

* To special order minimum quantity

SmartJupiter 3350

41.3W intelligent LED light engine module for general 2 x 32W CFL type applications

Delivered Lumens: 2923lm @ 4000K^B

Mains Power: 41.3 circW^B

Luminaire lm/circW: 68lm/circW^B

Light Aperture Compatibility: 80mm

Typical CRI: Ra 86 @ 4000K

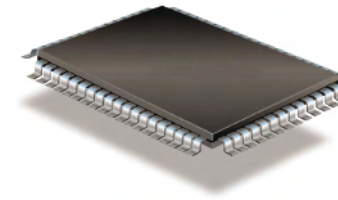
LED Type: 24 Cree XPE-HEW/ 24 Lumileds Rebel ES

LED Power: 38.4W^C



UK Part
L1 & L2

SJ1-3350



Ordering:	e.g.	Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
		FITTING CODE	 /SJ1-3350	-80	-40 -27 -30 -65

Drivers: See Driver Controls

Colour Temperature	4000K	2700K*	3000K*	6500K*
Order Code	40	27	30	65
LED Module Luminous Flux	3343lm	2933lm	3143lm	3811lm
Delivered Lumens (L ₁₀₀) ^B	2923lm	2564lm	2747lm	3332lm
Typical CRI (Ra)	Ra 86	Ra 86	Ra 86	Ra 86
CRI shift @ 6000hrs	<3	<3	<3	<3
CCT shift @ 6000hrs	3	3	3	3
Lifetime (L ₇₀ F ₁₀) ^{AB}	50,000hrs	50,000hrs	50,000hrs	50,000hrs
Lumen Maintenance Category	Cat 1 / Code 9	Cat 1 / Code 9	Cat 1 / Code 9	Cat 1 / Code 9
Module Drive Current	1000mA	1000mA	1000mA	1000mA
LEDs Drive Current	500mA	500mA	500mA	500mA
Emergency Pack BLF	3.2%	3.2%	3.2%	3.2%

^A All data @ 25° ambient

^B In SN-LG fitting with 1000mA 86% efficient driver

^C 1000mA

* To special order minimum quantity