

Mercury 630

6.2W high efficiency LED light engine module for general 35W MR16/50W GU10 type applications

Delivered Lumens: 541lm @ 3000K^B

Luminaire lm/circW: 74.1lm/circW^B @ 3000K

Typical CRI: Ra 83 @ 3000K

LED Power: 6.2W^C

Mains Power: 7.2 circW^B

Light Aperture Compatibility: 50mm

LED Type: 7 Cree XPG / 7 Lumileds Rebel ES



Ordering:	e.g.	Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
		FITTING CODE	/MC1-630	-80	-30 -40 -27 -65

Drivers: See Driver Table C

Colour Temperature Order Code	3000K 30	4000K 40	2700K* 27	6500K* 65
LED Module Luminous Flux	629lm	670lm	591lm	717lm
Delivered Lumens (L ₁₀₀) ^B	541lm	576lm	508lm	616lm
Typical CRI (Ra)	Ra 83	Ra 83	Ra 83	Ra 83
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	700mA	700mA	700mA	700mA
LEDs Drive Current	350mA	350mA	350mA	350mA
Emergency Pack BLF	22.1%	22.1%	22.1%	22.1%

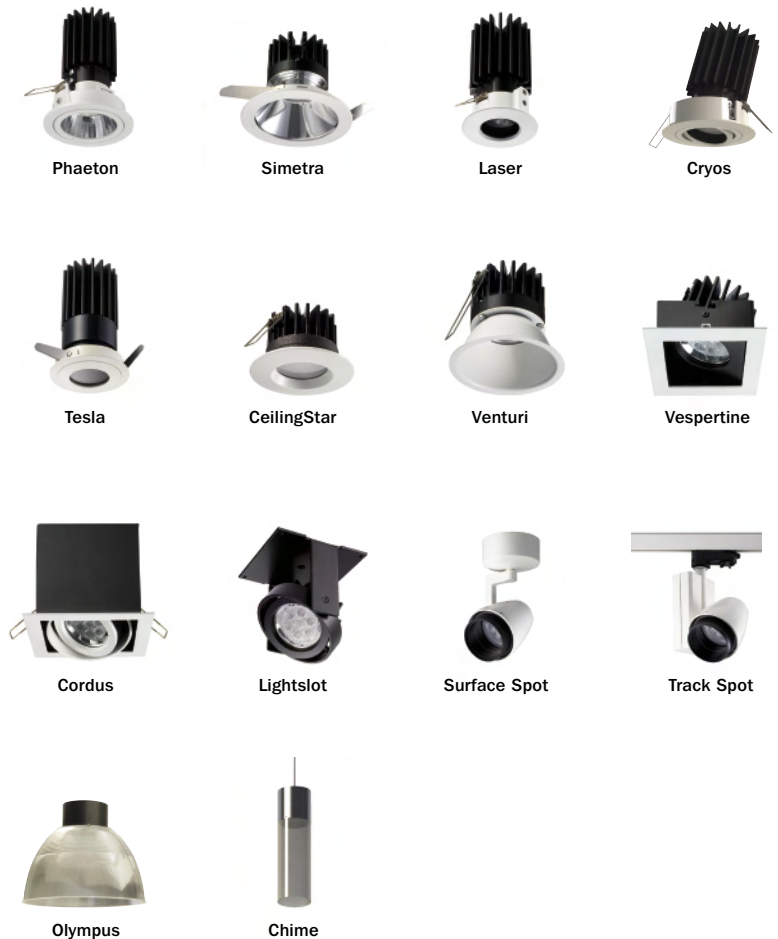
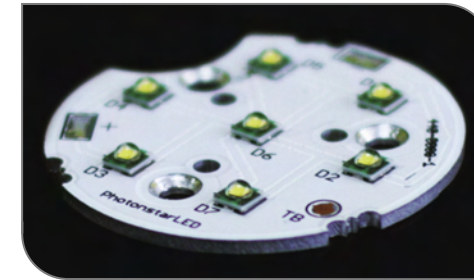
^A All data @ 25° ambient

^B In CS-ED fitting with 700mA 86% efficient driver

^C 700mA

* To special order minimum quantity

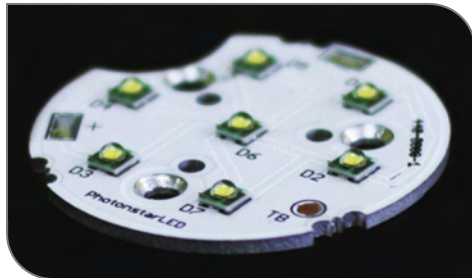
MC1-630



MC1-810

Mercury 810

9.5W LED light engine module for general 50W MR16 type applications



Delivered Lumens: 695lm @ 3000K^B
 Luminaire lm/circW: 62.5lm/circW^B @ 3000K
 Typical CRI: Ra 83 @ 3000K
 LED Power: 9.5W^C

Mains Power: 11 circW^B
 Light Aperture Compatibility: 50mm
 LED Type: 7 Cree XPG / 7 Lumileds Rebel ES



Ordering:	e.g. Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
	FITTING CODE	/MC1-810	-80	-30 -40 -27 -65

Drivers: See Driver Table D

Colour Temperature Order Code	3000K 30	4000K 40	2700K* 27	6500K* 65
LED Module Luminous Flux	661lm	861lm	760lm	922lm
Delivered Lumens (L ₁₀₀) ^B	695lm	741lm	654lm	793lm
Typical CRI (Ra)	Ra 83	Ra 86	Ra 83	Ra 80
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	16.46%	16.46%	16.46%	16.46%

^A All data @ 25° ambient
^B In CS-ED fitting with 1000mA 86% efficient driver
^C 1000mA
 * To special order minimum quantity