



THORN
LIGHTING



ROYAL MODULAR

Flexible with style

ZUMTOBEL Group

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Watts Lighting
58 Hill Street
Bellerive, TAS 7018

SOUTH AUSTRALIA

LEDA Lighting Solutions
3 Prescott Court
Hallett Cove, SA 5158

WESTERN AUSTRALIA

SCOPE LIGHTING Pty Ltd
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ZUMTOBEL Group Member

ROYAL MODULAR

Flexible with style: slim profile with remote driver.

THORN



A very efficient slim LED fitting.

Ready for use, supplied with all components including Flex and Plug, a perfect solution for your refurbishment.

Life: L80 70,000hrs at 25°C (L70 >60,000hrs at 50°C meeting Public School specification).

Suitable for UGR19 requirements.

Tridonic driver fixed output or DALI dimming.

3000K (830 or 930) version, Emergency Lighting (E2) version, Sensor (HFS) version, Bluetooth (BC) wireless version and Air Handling (AH) version available upon request for specific project. Custom sizes and specific accessories available upon request for specific project.

Limited maintenance required.

LED light source and LED driver easily replaceable for maintenance purpose.

Suitable for office, retail, hospital and schools.

MATERIALS/FINISH

Body: white painted steel and LED source with white painted aluminium frame.

Diffuser: micro-prismatic diffuser.

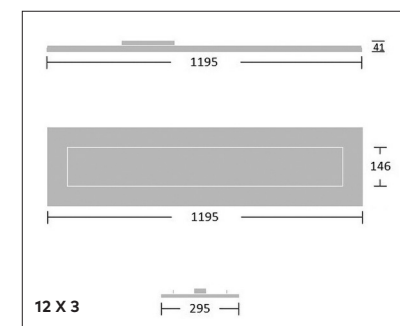
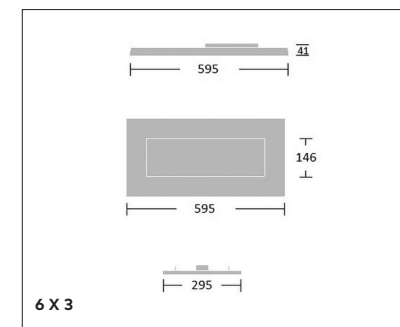
INSTALLATION/MOUNTING

Suitable for recessed mounting in T-bar.

Pre-wired 1.5m flex and plug.

SPECIFICATION

Recessed, Surface mounted modular luminaire with high performance design and total system efficiency above 110lm/W. UGR19*. Tridonic driver. As Thorn Royal Modular.



ROYAL MODULAR CR180

	WT (KG)	SAP CODE	DIMENSIONS	CUTOUT
ROYAL MOD LED1500-840 6X3 FP	2.1	96649662		
ROYAL MOD LED1500-840 6X3 HFI FP	2.1	96649663		
ROYAL MOD LED2700-840 12X3 FP	3.9	96649665		
ROYAL MOD LED2700-840 12X3 HFI FP	3.9	96649667		
ROYAL MOD LED3500-840 12X3 FP	3.9	96649669		
ROYAL MOD LED3500-840 12X3 HFI FP	3.9	96649671		

ROYAL MODULAR CR190

ROYAL MOD LED1500-940 6X3 FP	2.1	96650519		
ROYAL MOD LED1500-940 6X3 HFI FP	2.1	96649664		
ROYAL MOD LED2700-940 12X3 FP	3.9	96650520		
ROYAL MOD LED2700-940 12X3 HFI FP	3.9	96649668		
ROYAL MOD LED3500-940 12X3 FP	3.9	96650521		
ROYAL MOD LED3500-940 12X3 HFI FP	3.9	96649672		

Accessories

SURFACE KIT				
ROYAL MOD MCE 6X3 SURFACE MOUNT KIT		96649673		
ROYAL MOD MCE 12X3 SURFACE MOUNT KIT		96649674		

PLASTER KIT				
PPF 600X300	96648976	631 x 331mm	608 x 308mm	
PPF 1200X300	96648974	1231 x 331mm	1208 x 308mm	

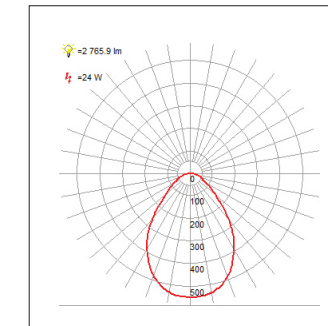
Variant selection

Standard variants selection and custom options are available:

FAMILY	LUMEN CATEGORY	CRI & CCT	MODULARITY	FLEX & PLUG	VARIANTS
ROYAL MOD	LED1500	840 CRI 80 & CTT 4000K	6x3 595 x 295mm	FP 1.5m flex & 3 pins plug	E2 Emergency Lighting with 2 hours autonomy
	LED2700	940 CRI 90 & CTT 4000K	12x3 1195 x 295mm	FPC Custom flex & plug	HFS Compact sensor module with ambient light sensor and motion sensor
	LED3500	830 CRI 80 & CTT 3000K	YYxZZ YYYY x ZZZZmm		BC Bluetooth wireless driver
	LEDXXXX	930 CRI 90 & CTT 3000K			AH Air slots for air return capability

Standard variants

Custom requirement



ROYAL MOD LED2700-840 12X3 FP



*Glare evaluation in accordance with AS/NZS 1680.1 for standard office (X = 4 H, Y = 8 H, reflection factors 70/50/20)