

# SmartWhite Light Engines

Efficient white colour tuneable high CRI light engine

Award winning range of tuneable light engines that can be used in many of our downlight fittings.



Colourloc™

- Greater than 90 CRI across tuning range
- Colour and colour quality locked for life

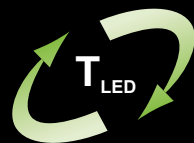


CRIlloc™

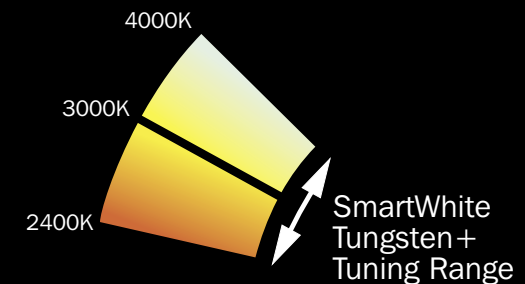
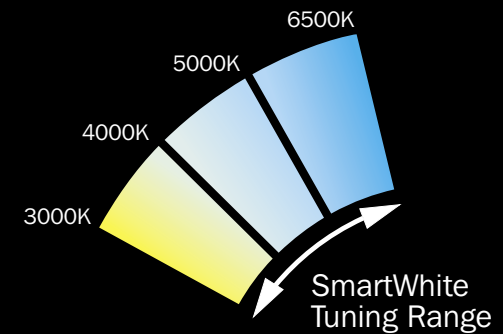
- Can be operated with or without controls system



Lumenloc™



Thermaloc™



# SmartWhite 730

9W white colour tuneable LED light engine module for compact spot & recessed downlight applications

Delivered Lumens: 550lm @ all CCT<sup>B</sup>

Luminaire lm/circW: 55lm/circW<sup>B</sup>

Typical CRI: Ra 90 across tuning range

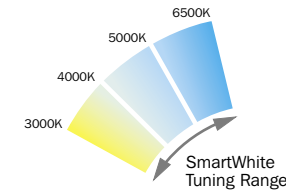
Luminaire Power: 9W<sup>C</sup>  
including proprietary LEDSmart driver

Light Aperture Compatibility: 50mm

LED Type: Cree /  
Lumileds / multiple source proprietary



# SW1-730



Ordering:	e.g.	Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
		FITTING CODE	/SW1-730	-90	-VT

Drivers: See Driver Controls

Colour Temperature	VCCT 3000-6500K
Order Code	VT
LED Module Luminous Flux	730lm
Delivered Lumens (L <sub>100</sub> ) <sup>B</sup>	550lm
Typical CRI (Ra)	Ra 90
CRI shift @ 6000hrs	<3
CCT shift @ 6000hrs	<3
Lifetime (L <sub>70</sub> F <sub>10</sub> ) <sup>AB</sup>	50,000hrs
Lumen Maintenance Category	Cat 1 / Code 9
Module Drive Current Employs proprietary LED driver & controller	24VDC
LEDs Drive Current LED driver current varies subject to CCT however, never exceed quoted value	<500mA
Emergency Pack BLF	N/A

<sup>A</sup> All data @ 25° ambient

<sup>B</sup> In CS-TT fitting, proprietary SmartWhite controller and 90% efficient constant voltage transformer

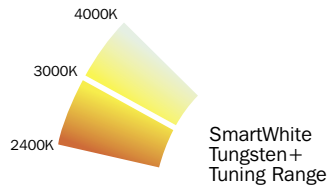
<sup>C</sup> 500mA



# SW2-720

# SmartWhite Tungsten+ 720

9W LED light engine module to emulate tungsten halogen when dimmed



Delivered Lumens: 550lm @ all CCT<sup>B</sup>

Light Aperture Compatibility: 50mm

Luminaire lm/circW: 55lm/circW<sup>B</sup>

LED Type: Cree / Lumileds / multiple source proprietary

Typical CRI: Ra 90 across tuning range

Luminaire Power: 9W<sup>C</sup> including proprietary LEDsmart driver



Ordering:	e.g.	Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
		FITTING CODE	/SW2-720	-90	-VT

Drivers: See Driver Controls

Colour Temperature	VCCT 3000-6500K
Order Code	VT
LED Module Luminous Flux	720lm
Delivered Lumens (L <sub>100</sub> ) <sup>B</sup>	550lm
Typical CRI (Ra)	Ra 90
CRI shift @ 6000hrs	<3
CCT shift @ 6000hrs	<3
Lifetime (L <sub>70</sub> F <sub>10</sub> ) <sup>AB</sup>	50,000hrs
Lumen Maintenance Category	Cat 1 / Code 9
Module Drive Current Employs proprietary LED driver & controller	24VDC
LEDs Drive Current LED driver current varies subject to CCT however, never exceed quoted value	<500mA
Emergency Pack BLF	N/A

<sup>A</sup> All data @ 25° ambient

<sup>B</sup> In CS-TT fitting, proprietary SmartWhite controller and 90% efficient constant voltage transformer

<sup>C</sup> 500mA

# SmartWhite 2600

32.7W white colour tuneable LED light engine module for comparable 2 x 26W CFL downlight applications

Delivered Lumens: 2000lm @ all CCT<sup>B</sup>

Luminaire lm/circW: 55lm/circW<sup>B</sup>

Typical CRI: Ra 90 across tuning range

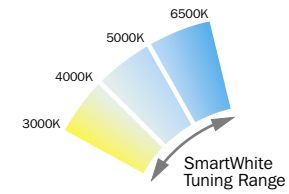
Luminaire Power: 32.7W<sup>C</sup>  
including proprietary Smart LED driver

Light Aperture Compatibility: 80mm

LED Type: Cree /  
Lumileds multiple source proprietary



# SW1-2600



Ordering:	e.g.	Select Fitting + (see fitting page)	Light Engine	Min CRI	Colour Temp
		FITTING CODE	/SW1-2600	-90	-VT

Drivers: See Driver Controls



Nemesis

Colour Temperature	VCCT 3000-6500K
Order Code	VT
LED Module Luminous Flux	2635lm
Delivered Lumens (L <sub>100</sub> ) <sup>B</sup>	2000lm
Typical CRI (Ra)	Ra 90
CRI shift @ 6000hrs	<3
CCT shift @ 6000hrs	<3
Lifetime (L <sub>70</sub> F <sub>10</sub> ) <sup>AB</sup>	50,000hrs
Lumen Maintenance Category	Cat 1 / Code 9
Module Drive Current Employs proprietary LED driver & controller	24VDC
LEDs Drive Current LED driver current varies subject to CCT however, never exceed quoted value	<500mA
Emergency Pack BLF	N/A

<sup>A</sup> All data @ 25° ambient

<sup>B</sup> In NS-LG fitting, proprietary SmartWhite controller and 90% efficient constant voltage transformer

<sup>C</sup> 500mA