

PERFECT LITE + TULIP SOFTWARE

Prices applicable from 2018 July 1 to 2019 June 30

Support and User licence to use the full **Perfect Lite Package** of software[®]

Item 1	Perfect Lite Package - User Licence (PLPN19)	Licencing purchased during:	Price AUD\$
		2018 July to September	AUD \$750.00 [^]
		2018 October to December	AUD \$730.00 [^]
		2019 January to March	AUD \$710.00 [^]
		2019 April to June	AUD \$690.00 [^]

Standalone single user workstation licence to use the **Perfect Lite Package** of five lighting design software modules for Roadway lighting and Outdoor Flood lighting design.

Includes **Items 3, 4, 5 & 6 below** and the **Perfect Lite Design** module with tools for outdoor direct lighting design. Includes a Luminaire IESNA + CIE-SAASTAN I-table Data Library File Manager, Back to Camera Vertical Illuminance Calculator, Upward Waste Light Ratio Calculator, Zebra Crossing lighting design optimiser in Australian or NZ mode, Intensity Distribution Curve viewer, I-Table Viewer, an annotated CSV I-Table viewer for MS Excel and tools to DXF export luminaire+pole positions, point values and iso-contours to AutoCAD or other DXF compatible CAD drawing software.

Includes entry to the Upgrade & Support service to obtain all software updates, manual revisions and professional technical support for the **Perfect Lite Package** of software modules during the current Financial Year to June 30.

Item 2	Perfect Lite Package - Renew Upgrade & Support Service (PLPR19)	U&S renewal for this financial year to 2019 June 30 for each user licence held.	AUD \$90.00 [^]
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Contact us for re-activation price if licence U&S has been inactive during previous financial year(s)

Standalone single user workstation licence to use the **Perfect Lite** software[®] modules Items 3-6

The user licence is for use of each module version currently available when purchased, future upgrades are at additional cost. An Upgrade & Support service is not available for module licences:

Item 3	Perfect Lite - V Category Lighting Module (VCAT509N)		AUD \$200.00 [^]
	Module to calculate LTPs for various luminaire spacings and carriageway widths for straight road sections. For use with the SAASTAN.EXE program (supplied with the Public Lighting Code AS1158.2-2005) as a design aid for Category 'V' route lighting in Australia or New Zealand mode.		
Item 4	Perfect Lite - P Category Lighting Module (PCAT310N)		AUD \$200.00 [^]
	Module to generate luminaire spacing tables for straight road sections - produced in accordance with the Public Lighting Code AS/NZS1158.3.1-2005 for Category 'P' local roads and pathways. Includes tools to assess luminaire Upward Waste Light Ratio, Intensity and Environmental Vertical Illuminance.		
Item 5	Perfect Lite - NA-IES to CIE-SAASTAN Module (I2C312N)		AUD \$80.00 [^]
	Module for photometric I-Table data conversion - IES (LM-63 format) to CIE (AS/NZS1158.2 format)		
Item 6	Perfect Lite - CIE-SAASTAN to NA-IES Module (C2I308N)		AUD \$80.00 [^]
	Module for photometric I-Table data conversion - CIE (AS/NZS1158.2 format) to IES (LM-63 format)		

[^]All prices are in Australian Dollars. [^]Add the Australian Government 10% GST if purchased within Australia.

[^]Note: GST is not usually applicable to sales outside Australia. Software Licence Agreement - contact us for a copy.

Licencing is based on the software used on a standalone single user computer workstation without remote access.

All software is compatible with Windows 10, 8.1, 8, 7 and XP 64+32bit computer operating systems.

Includes soft copy only of User Guides/Manuals. Keyboard F1 user help is embedded in the software.

The **Perfect Lite**[™] + **TULIP** software[®] for road and area lighting design with AS/NZS1158 compliance assistance is developed, distributed and supported under licence to Constant Energy by: ACN 169 348 109 ABN 87 169 348 109

WADELLO[™] PTY LTD

All software copyrights and trade marks are owned by Graeme Palmer trading as Constant Energy ABN 20 274 265 715

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PERFECT LITE + TULIP SOFTWARE

Prices applicable from 2018 July 1 to 2019 June 30

Support and User licence to use the **Perfect Lite Interface** software® for AutoCAD

Item 7 Perfect Lite Interface - User Licence	Licencing purchased during:	Price AUD\$
(PLIN19)	2018 July to September	AUD \$850.00 ^
Also requires Item 1 user licence	2018 October to December	AUD \$830.00 ^
(Compatible with AutoCAD 2009 to 2019)	2019 January to March	AUD \$810.00 ^
(AutoCAD LT not supported)	2019 April to June	AUD \$790.00 ^

Standalone single user workstation licence to use the **Perfect Lite Interface** software for AutoCAD. CePlEw.lsp: An AutoLISP lighting design interface that allows the **PL Design** module luminaires to be used to develop Roadway Lighting and Outdoor flood lighting design and specification documents within AutoCAD. Simplifies the placement of poles and selection of calculation fields. Automates drawing of iso-lux contours within AutoCAD. Includes tools to view the luminaire library and to move and re-orient poles and change luminaire selection, initial lumens, maintenance factor and aim.

Includes entry to the Upgrade & Support service to obtain all software updates, manual revisions and professional technical support for the **Perfect Lite Interface** software for AutoCAD during the current Financial Year to June 30.

Item 8 Perfect Lite Interface - Renew Upgrade & Support Service	AUD \$90.00 ^
(PLIR19) U&S renewal for this financial year to 2019 June 30 for each user licence held.	
Contact us for re-activation price if licence U&S has been inactive during previous financial year(s).	

Support and User Licence to use the **TULIP** software®

Item 9 TULIP - User Licence	Licencing purchased during:	Price AUD\$
(TLPN19)	2018 July to September	AUD \$4,650.00 ^
User Guide embedded within software	2018 October to December	AUD \$4,525.00 ^
	2019 January to March	AUD \$4,400.00 ^
	2019 April to June	AUD \$4,275.00 ^

Standalone single user workstation licence to use the **TULIP** software for Tunnel Lighting Design and Evaluation with compliance assistance for AS/NZS1158.5-2007, CIE88:2004 or BS5489:2003. Luminance and illuminance calculated for all tunnel surfaces in all zones with optional reflected light contribution. Threshold Increment calculated in each zone. Luminaire lamp switching selection for each row and switch level. Step or slope design method. Graphical 3D display of tunnel, zones and luminaire location and switch settings. Graphical display along tunnel of zone target and currently calculated lighting levels for each switch level. Output data project report file with lighting calculation compliance results and luminaire row xyz positions, spacings and switch level states for each row. Assessment not currently included for: Two way traffic, portal surround luminance, flicker effect, underpass see through percentage.

Includes entry to the Upgrade & Support service to obtain all software updates and professional technical support for the **TULIP** software during the current Financial Year to June 30.

Item 10 TULIP - Renew Upgrade & Support Service	AUD \$550.00 ^
(TLPR19) U&S renewal for this financial year to 2019 June 30 for each user licence held.	
Contact us for re-activation price if licence U&S has been inactive during previous financial year(s).	

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The **Perfect Lite**™ + **TULIP** software® for road and area lighting design with AS/NZS1158 compliance assistance is developed, distributed and supported under licence to Constant Energy by: ACN 169 348 109 ABN 87 169 348 109

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