

LIGHTING DESIGN SERVICES

Candela Light Australia are in a unique position to offer customers objective advice on optimum lighting solutions. Our design capabilities are headed by Brent Tyrer, qualified lighting engineer MIES Australia. We can offer a full lighting design service & plot these onto your autocad drawings. We can provide energy comparisons which include reductions of greenhouse gases for a totally informed life cost comparison for different lamp types. We have the photometric data on the leading brands products to provide customers with total performance differences, leaving the decision on aesthetics to the client's preference.

THE LIGHTING DESIGN PROCESS

1. Liaise with customer followed by a site visit to determine the elements of the road which need to be lit: kerb to kerb, or calculations for designated road area.
2. Confirm the Lighting Category for the Road, if necessary, guiding the Council, Energy Authority or Road Authority with the decision.
3. Provide accurate information and practical experience in assisting the customer filter the options on installation and products suitable. From a technical perspective, provide the performance differences on the most likely product options using the latest software and practical experience. From an aesthetic perspective we can assist by producing computer enhanced images of the product selections shown on the site.
4. Obtain the road and facilities layout drawings or auto CAD file, completing the lighting layout to meet the 'light technical parameters' for the lighting category selected. This task usually requires another site visit to accurately determine the pole locations. The lighting layout drawings are presented in a format which complies with the Australian Standards and the designated authorising body.
5. Inclusive in the design is the technical proof that the recommendation will meet the Australian Standards relating to 'through life performance' in accordance with the energy company maintenance strategies. Should a maintenance strategy not be in place, we will advise on the luminaire cleaning and maintenance intervals.

LUMINAIRE CHOICES

For the first time customers can receive a full analytical analysis of any manufacturer's luminaire. Upon customer's choice of luminaires we will provide spacing tables for a range of road reserve widths, isolux diagrams to given scales and mounting heights, plus economic evaluation of future maintenance cycles.

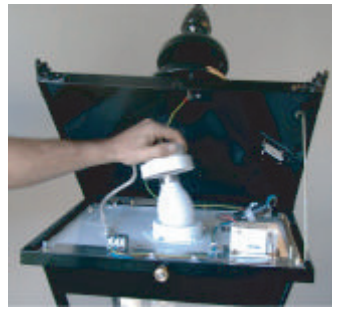
INSTALLATION AUDIT

Typically the audit will involve:

- Trench inspection.
- Technical assistance to contractor with product issues.
- Footing and rag bolt assembly inspection.
- Column erection and handling inspection.
- Luminaire installation inspection.
- Wiring installation inspection.

SERVICE CHARGES

Lighting layout services are inclusive on projects where Vicpole has been specified. All other projects attract a service fee of \$80 per hour.



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