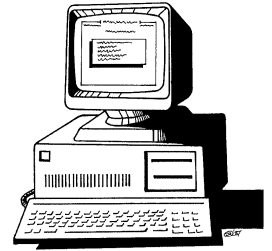


V Category Lighting



PROGRAM FEATURES

- Can maintain a Library of luminaire photometric i-table data (data being obtained directly from individual manufacturers)
- Creates correctly formatted input file for the 'SAASTAN.EXE' program following on screen input of data relating to the lighting installation
- Appends to the input file the photometric I-table data for the luminaire selected from the Library or input directly from an i-table file
- Automatically executes the SAASTAN program
- Calculates the corresponding Upward Waste Light Ratio for the upcast of the luminaire
- Produces a summary listing with the Code compliance given or where the compliance is not attained
- Uses Light Technical Parameters from AS/NZS 1158.1.1-2005
- Incorporates different calculation methods & observer positions for Australia & New Zealand
- All results can be output to your printer or saved in a text file
- Simple process to re-run when only a minor change to installation data is required
- Incorporates curve spacing adjustments
- Performs calculations for a range of spacings and produces a table of compliance
- Context sensitive Help at virtually all points throughout the program
- Road surface reflectance table library contains CIE standard surfaces R0 to R4, N1 to N4, W1 to W4 and New Zealand R2 and N4
- Comprehensive user manual - much of which can now be accessed in the program from the many pop-up Help screens
- Program is included at no extra charge with the main Perfect Lite software package
- Full back-up and support in Australia
- Your company name can be input into the program for display on all output
- Able to view/print the I-table as on file or with azimuth/elevation angles shown
- Able to view/print the R-table as on file

COMPUTER SYSTEM REQUIREMENTS

- IBM compatible PC running Windows XP Vista or Windows 7
- Supported on 32bit and 64bit PC operating systems
- Printer for hard copy output
- Requires SAASTAN.EXE program supplied with AS1158.2-2005

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PERFECT LITE - V Category Lighting - AS/NZS 1158.1.1-2005

I-Table File Name: LUM3.CIE
 Initial Lamp Flux: 27 Klms Maintenance Factor: 0.7 Upcast Angle: 5 °
 Luminaire Description: Category V Light
 Lamp Wattage and Type: S250 Clear Lamp Light Source: HPS
 Stores Code: UWLR: 1.53

Job Name:

Lighting Category: Road Surface:

Arrangement No.: Dimensions are in metres

Mounting Height:

Luminaire Spacing: upto: in increments of:

Carriageway Width:

Median Width: (Not applicable for Single Carriageway)

Overhang - 1st Row: 2nd Row: (Not applicable for Arrangements 1, 2, 5 or 6)

Carriageway Traffic Flow: One Way Two Way

Australia Mode

Input fields to be filled to produce a spacing table.

PERFECT LITE - V Category Lighting - AS/NZS 1158.1.1-2005

Your Company Name Goes Here

Results for SAASTAN runs with varying Spacings

Job name: Single Carriageway

Luminaire file name: LUM3.CIE
 Luminaire Description: Category V Light
 Lamp Wattage & Type: S250 Clear Lamp
 Lighting category: V3 Luminous flux: 27 Klms
 Upcast angle: 5 Degrees Arrangement: 1 Single-Left
 Mounting height: 10.5 m Carriageway width: 14 m
 Maintenance factor: 0.7
 Overhang 1st row: 3 m
 Traffic Flow: One Way ---->

| Spacing (m) | Traffic Direct- ion or | AV-L (>=0.75) (>=0.83) | UO (>=0.33) (>=0.31) | UL (>=0.5) " | UWLR (= < 3) " | TI (= < 20) " | ESL (>=50) " | ESR (>=50) " | Comply with V3 |
|-------------|------------------------|------------------------|----------------------|--------------|----------------|---------------|--------------|--------------|----------------|
| 35.00 | Normal | 1.30 | 0.33 | 0.81 | 1.53 | 13.87 | 79.05 | 69.73 | YES |
| 40.00 | Normal | 1.15 | 0.32 | 0.74 | 1.53 | 14.80 | 80.70 | 69.16 | YES |
| 45.00 | Normal | 1.01 | 0.31 | 0.68 | 1.53 | 15.95 | 81.31 | 69.87 | YES |
| 50.00 | Normal | .91 | 0.30 | 0.58 | 1.53 | 17.13 | 81.05 | 70.13 | NO |
| 55.00 | Normal | .83 | 0.31 | 0.56 | 1.53 | 17.88 | 81.06 | 70.14 | YES |
| 60.00 | Normal | .76 | 0.30 | 0.47 | 1.53 | 18.97 | 81.06 | 70.14 | NO |
| 65.00 | Normal | .70 | 0.29 | 0.42 | 1.53 | 20.02 | 81.05 | 70.13 | NO |

[1 page, if printed]

Resulting spacing table display in a scrollable window. Results can also be printed.