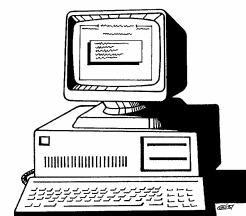


Upward Waste Light Ratio



The Upward Waste Light Ratio (UWLR) was introduced in the AS/NZS1158.0:1997 lighting code to control spill light in road lighting situations. It is simply a measure of the proportion of luminous flux emitted by the luminaire above the horizontal, when mounted as installed (ie. accounting for any upcast of the luminaire). This program is used to determine the highest upcast angle that can be used for a particular luminaire while still complying with the Code.

PROGRAM FEATURES

- ? Uses photometric data from disk files in the standard CIE/SAASTAN format
- ? Able to specify a range of upcast angles to process by nominating the start, finish and increment angles
- ? Returns the UWLR as a percentage (to 2 decimal places) for each of the chosen upcast angles
- ? Output is to the screen but can be printed if required
- ? Context sensitive Help is available throughout the program

COMPUTER SYSTEM REQUIREMENTS

- ? IBM or compatible PC running Windows 95, 98, NT, 2000 or XP
- ? 3½" diskette drive
- ? Minimum requirements of 640Kb of conventional RAM
- ? Monochrome or Colour monitor

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PROGRAM TO CALCULATE THE UPWARD WASTE LIGHT RATIO (Version 1.02)

Name of file with CIE formatted data: SAMPLE.CIE
(* and ? allowed in name)

Upcast range - Start: 0 ° Finish: 10 ° Increment by: 1 °

<F3> To select file from directory listing

<Enter> To calculate over range of angles input

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<F1>=Help <Shft+Space>=Erase field <F9>=Ditto field

PROGRAM TO CALCULATE THE UPWARD WASTE LIGHT RATIO (Version 1.02)

Name of file with CIE formatted data: SAMPLE.CIE

Upcast range - Start: 0 ° Finish: 10 ° Increment by: 1 °

Luminaire description: 250W SCO SON-E

Upcast	UWLR	Upcast	UWLR	Upcast	UWLR	Upcast	UWLR

0.0°	1.69%	10.0°	2.06%				
1.0°	1.69%						
2.0°	1.70%						
3.0°	1.71%						
4.0°	1.73%						
5.0°	1.76%						
6.0°	1.80%						
7.0°	1.84%						
8.0°	1.90%						
9.0°	1.97%						

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