Luminaire classes to control the disability glare:

Lighting class (NOTE 1)	Maximum luminous intensity/1000 lumens at 70° (cd/1000 lm)	Maximum luminous intensity/1000 lumens at 80° (cd/1000 lm)	Maximum luminous intensity/1000 lumens at 90° (cd/1000 lm)	Luminous intensity above 95° (cd)
G1	-	200	50	-
G2	-	150	30	-
G3	-	100	20	-
G4	500	100	10	0
G5	350	100	10	0
G6	350	100	0	0

Table 28
Luminaire classes for the control of disability glare.

NOTE 1 The higher the 'G'-class the better! Luminaires with low G-classes should not be used in general for street lighting.

3.3 Samples of Street Lighting Calculations

The following street lighting calculations are developed based on latest DMA Lighting Specifications for street and public realm lighting.

The following street lighting calculations are done by using the DIALux lighting calculation software in latest version. The tutorial (see Chapter G / 2.0 Road Lighting Calculation Tutorial) shows the exact way how to set up and calculate all the samples shown in this part of the handbook.

The sample street lighting calculations are divided into following parts:
The samples below are the basic input for design and layout of the all streets including bends and conflict zones as follows:

- Typical Highway
- Typical Boulevard
- Typical Avenue
- Typical Street