

P Category Lighting - AS/NZS 1158.3.1:2005

ELC - Essential Lighting Consultancy Ltd

I-table Filename: C:\Users\Steve Muir\Documents\Lighting Design\Longford Bridge GDC\ELC Design info\Bridge Pathway Calculations\PM115769_AP06-2led_3000K-350mA.cie

Job Name: Longford Bridge PP4 Bridge Shared Pathway

Luminaire Description: ID2 350mA 177 lms

Initial Lamp Flux: 177 lms

Maintenance Factor: 0.7

Stores Code:

Upcast Angle: 0 degrees

Arrangement: Staggered

Offset Distance: 0 m

Upward Waste Light Ratio: 3.0 %

Light Source: LED - Light Emitting Diode

Luminaire Classification: Not specified

Lighting Category: User Defined

Illuminance Criteria: Average Illuminance (Eav) ≥ 1.50 lx

(Maintained values) Minimum Illuminance (Eph) ≥ 0.25 lx

Illuminance Uniformity (Up) ≤ 5

Calculation Grid: Dependant on Path width (refer Figure 3.8 of AS/NZS 1158.2)

Mounting Height	Maximum Spacing for different Path Widths
3.2	
+-----+	
1.3 12.3	
+-----+	

Value/s in above table are all in metres.

The table contains maximum spacings which, for the specified luminaire and lamp combination, provide compliance with the User Defined light technical parameters (LTPs) nominated above.

Refer next page for list of LTP's at compliant maximum spacings.

Refer following page/s for illuminance values at grid points.

[illegible]

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