

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\NXT-12S-350mA-2ES-3000K.cie

Job Name: Longford Bridge PP5 Shared Pathway

Luminaire Description: NXT-12S-350mA-2ES-30 1675 lms

Lamp Wattage & Type: 14W

Initial Lamp Flux: 1675 lms

Maintenance Factor: 0.8

Stores Code:

Upcast Angle: 0 degrees

Arrangement: Single Side

Offset Distance: -.3 m [ie. away from Path edge]

Upward Waste Light Ratio: .0 %

Light Source: LED - Light Emitting Diode

Luminaire Classification: Not specified

Lighting Category: User Defined

Illuminance Criteria: Average Illuminance (Eav) ≥ 0.85 lx
(Maintained values) Minimum Illuminance (Eph) ≥ 0.14 lx

Illuminance Uniformity (Up) ≤ 5

Vertical Illuminance (E_{pv}) ≥ 0.02 lx

(E_{pv} calculated on plane 1.5m above ground
and contribution from luminaire in adjacent
span used in calculations)

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

Mounting Height	Maximum Spacing for different Path Widths
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2.2 3.0

+-----+

7.5 | 48.1 48.0 |

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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.