

Obtrusive Light - Compliance Report

CIE 150:2017, E4-High District Brightness, Post-Curfew
Filename: Co-Op Desford External_Rev A - 2025-02-24
2/24/2025 12:38:43 PM

Illuminance

Maximum Allowable Value: 5 Lux

Calculations Tested (14):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_8 (3m)_III_Seg1	PASS	0.8
ObtrusiveLight_9 (3m)_III_Seg1	PASS	3.1
ObtrusiveLight_2 (3m)_III_Seg1	PASS	0.7
ObtrusiveLight_2 (3m)_III_Seg2	PASS	0.2
ObtrusiveLight_1 (3m)_III_Seg1	PASS	0.3
ObtrusiveLight_1 (3m)_III_Seg2	FAIL	11.0
ObtrusiveLight_5 (6m)_III_Seg1	PASS	0.0
ObtrusiveLight_6 (6m)_III_Seg1	PASS	3.1
ObtrusiveLight_6 (6m)_III_Seg2	PASS	3.5
ObtrusiveLight_7 (6m)_III_Seg1	PASS	0.1
ObtrusiveLight_10 (3m)_III_Seg1	PASS	1.9
ObtrusiveLight_10 (3m)_III_Seg2	PASS	0.0
ObtrusiveLight_3 (3m)_III_Seg1	PASS	0.6
ObtrusiveLight_4 (3m)_III_Seg1	PASS	0.8

Failed Meter Locations (5):

Calculation Label	Lux	Meter Coords
ObtrusiveLight_1 (3m)_III_Seg2	7.4	132.493, 402.025, 2.5
ObtrusiveLight_1 (3m)_III_Seg2	8.4	131.519, 403.772, 2.5
ObtrusiveLight_1 (3m)_III_Seg2	8.8	130.546, 405.519, 2.5
ObtrusiveLight_1 (3m)_III_Seg2	10.2	128.599, 409.013, 2.5
ObtrusiveLight_1 (3m)_III_Seg2	11.0	129.572, 407.266, 2.5

Threshold Increment (TI)

Maximum Allowable Value: 15 %

Calculations Tested (4):

Calculation Label	Adaptation Luminance	Test Results
ObtrusiveLight_TI_1	10	PASS
ObtrusiveLight_TI_2	10	PASS
ObtrusiveLight_TI_3	10	PASS
ObtrusiveLight_TI_4	10	PASS

Upward Waste Light Ratio (UWLR)

Maximum Allowable Value: 15.0 %

Calculated UWLR: 0.3 %

Test Results: PASS