

Obtrusive Light - Compliance Report

CIE 150:2017, E2-Low District Brightness, Pre-Curfew
Filename: Co-Op Desford External_Rev A - 2025-02-24
3/21/2025 3:06:02 PM

Illuminance

Maximum Allowable Value: 5 Lux

Calculations Tested (14):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_8 (3m)_III_Seg1	PASS	0.0
ObtrusiveLight_9 (3m)_III_Seg1	PASS	0.0
ObtrusiveLight_2 (3m)_III_Seg1	PASS	0.1
ObtrusiveLight_2 (3m)_III_Seg2	PASS	0.0
ObtrusiveLight_1 (3m)_III_Seg1	PASS	0.0
ObtrusiveLight_1 (3m)_III_Seg2	PASS	0.0
ObtrusiveLight_5 (6m)_III_Seg1	PASS	0.0
ObtrusiveLight_6 (6m)_III_Seg1	PASS	0.0
ObtrusiveLight_6 (6m)_III_Seg2	PASS	0.0
ObtrusiveLight_7 (6m)_III_Seg1	PASS	0.0
ObtrusiveLight_10 (3m)_III_Seg1	PASS	0.0
ObtrusiveLight_10 (3m)_III_Seg2	PASS	0.0
ObtrusiveLight_3 (3m)_III_Seg1	PASS	0.0
ObtrusiveLight_4 (3m)_III_Seg1	PASS	0.0

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value calculated from CIE 150:2017 (varies by Projected Area sq.m. and Distance Factor)
For E2-Low District Brightness, Projected Area and Distance Factors:
(0.002, 0.57) (0.01, 1.3) (0.03, 2.5) (0.13, 5) (0.5, 10)

Calculations Tested (14):

Calculation Label	Test Results
ObtrusiveLight_8 (3m)_Cd_Seg1	PASS
ObtrusiveLight_9 (3m)_Cd_Seg1	PASS
ObtrusiveLight_2 (3m)_Cd_Seg1	PASS
ObtrusiveLight_2 (3m)_Cd_Seg2	PASS
ObtrusiveLight_1 (3m)_Cd_Seg1	PASS
ObtrusiveLight_1 (3m)_Cd_Seg2	PASS
ObtrusiveLight_5 (6m)_Cd_Seg1	PASS
ObtrusiveLight_6 (6m)_Cd_Seg1	PASS
ObtrusiveLight_6 (6m)_Cd_Seg2	PASS
ObtrusiveLight_7 (6m)_Cd_Seg1	PASS
ObtrusiveLight_10 (3m)_Cd_Seg1	PASS
ObtrusiveLight_10 (3m)_Cd_Seg2	PASS
ObtrusiveLight_3 (3m)_Cd_Seg1	PASS
ObtrusiveLight_4 (3m)_Cd_Seg1	PASS

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: 2.5 %

Calculated UWLR: 0.2 %

Test Results: **PASS**