



Obtrusive Light - Compliance Report
CIE 150:2017, E3-Medium District Brightness, Pre-Curfew
Filename: 52982 Rev C Burgess Hill Girls School
19/03/2025 10:16:22

Illuminance
Maximum Allowable Value: 10 Lux

Calculations Tested (20):

Calculation Label	Test Results	Max. Illum.
House 1_III_Seg1	PASS	0
House 1_III_Seg2	PASS	0
House 1_III_Seg3	PASS	0
House 1_III_Seg4	PASS	0
House 1_III_Seg5	PASS	0
House 2_III_Seg1	PASS	0
House 2_III_Seg2	PASS	0
House 2_III_Seg3	PASS	0
House 2_III_Seg4	PASS	0
House Row 1_III_Seg1	PASS	2
House Row 2_III_Seg1	PASS	2
House Row 2_III_Seg2	PASS	6
House Row 2_III_Seg3	PASS	1
House Row 2_III_Seg4	PASS	3
House Row 4_III_Seg1	PASS	0
House Row 4_III_Seg2	PASS	0
House Row 4_III_Seg3	PASS	1
House Row 3_III_Seg1	PASS	0
House Row 3_III_Seg2	PASS	10
House Row 3_III_Seg3	PASS	2

Luminous Intensity (Cd) At Vertical Planes
Maximum Allowable Value calculated from CIE 150:2017
(varies by Projected Area sq.m. and Distance Factor)
For E3-Medium District Brightness, Projected Area and Distance Factors:
(0.002, 0.86) (0.01, 1.9) (0.03, 3.8) (0.13, 7.5) (0.5, 15)
Projected Area (sq.m) = Approx. projected emitting area of luminaire in direction of observer
Distance (m) = Distance from luminaire to observer
Max Cd Allowed = Projected Area Factor * Distance

Calculations Tested (20):

Calculation Label	Test Results
House 1_Cd_Seg1	PASS
House 1_Cd_Seg2	PASS
House 1_Cd_Seg3	PASS
House 1_Cd_Seg4	PASS
House 1_Cd_Seg5	PASS
House 2_Cd_Seg1	PASS
House 2_Cd_Seg2	PASS
House 2_Cd_Seg3	PASS
House 2_Cd_Seg4	PASS
House Row 1_Cd_Seg1	PASS
House Row 2_Cd_Seg1	PASS
House Row 2_Cd_Seg2	PASS
House Row 2_Cd_Seg3	PASS
House Row 2_Cd_Seg4	PASS
House Row 4_Cd_Seg1	PASS
House Row 4_Cd_Seg2	PASS
House Row 4_Cd_Seg3	PASS
House Row 3_Cd_Seg1	PASS
House Row 3_Cd_Seg2	PASS
House Row 3_Cd_Seg3	PASS

Calculation Summary									
Project: LPT									
Label	CalcType	Units	Avg	Max	Min	Uniformity (Min/Max)	Diversity (Min/Max)	Meter Type	Description
House 1_III_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 1_III_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 1_III_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 1_III_Seg4	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 1_III_Seg5	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 2_III_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 2_III_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 2_III_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 2_III_Seg4	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House 2_III_Seg5	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 1_III_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_III_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_III_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_III_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_III_Seg4	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_III_Seg5	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 4_III_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 4_III_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 4_III_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 3_III_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 3_III_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 3_III_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 1_Cd_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_Cd_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_Cd_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_Cd_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_Cd_Seg4	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 2_Cd_Seg5	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 4_Cd_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 4_Cd_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 4_Cd_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 3_Cd_Seg1	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 3_Cd_Seg2	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane
House Row 3_Cd_Seg3	Obtrusive - C1	Lux	100.00	200	0	0.00	0.00	0.17	Vertical Plane

Calculation Summary									
Project: PPA									
Label	CalcType	Units	Avg	Max	Min	Uniformity (Min/Avg)	Diversity (Min/Max)	Meter Type	Description
PPA - Court 2	Illuminance	Lux	402.67	402	292	0.73	0.59	Horizontal	
PPA - Court 3	Illuminance	Lux	409.47	404	305	0.74	0.62	Horizontal	
PPA - Court 4	Illuminance	Lux	411.80	562	320	0.78	0.57	Horizontal	
PPA - Court 5	Illuminance	Lux	424.00	495	351	0.83	0.71	Horizontal	

Calculation Summary									
Project: TPA									
Label	CalcType	Units	Avg	Max	Min	Uniformity (Min/Avg)	Diversity (Min/Max)	Meter Type	Description
TPA - Court 2 & 3	Illuminance	Lux	398.23	617	152	0.33	0.21	Horizontal	
TPA - Court 3 & 4	Illuminance	Lux	365.38	694	43	0.11	0.06	Horizontal	

Calculation Summary									
Project	File	Label	Assignment	Description	Location	Area	Method	Notes	Light Source
	House 1	House 1_III_Seg1	Obtrusive - C1	House 1_III_Seg1: House 1_III_S					



Project Title: Burgess Hill Girls School



For our LED lighting designs a 1mf has been used. If this differs from the maintenance period for this project then you must advise us accordingly

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