

Obtrusive Light - Compliance Report

AS/NZS 4282:2019, A4 - High District Brightness, Non-Curfew L1

Filename: A667AOLC001

14/08/2020 2:00:45 PM

Illuminance

Maximum Allowable Value: 25 Lux

Calculations Tested (3):

<u>Calculation Label</u>	<u>Test Results</u>	<u>Max. Illum.</u>
ObtrusiveLight_S_III_Seg1	PASS	13.56
ObtrusiveLight_W_III_Seg1	PASS	24.11
ObtrusiveLight_E_III_Seg1	PASS	1.67

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 25000 Cd

Calculations Tested (3):

<u>Calculation Label</u>	<u>Test Results</u>
ObtrusiveLight_S_Cd_Seg1	PASS
ObtrusiveLight_W_Cd_Seg1	PASS
ObtrusiveLight_E_Cd_Seg1	PASS

Threshold Increment (TI)

Maximum Allowable Value: 20 %

Calculations Tested (1):

<u>Calculation Label</u>	<u>Adaptation Luminance</u>	<u>Test Results</u>
ObtrusiveLight_TI_1	5	PASS

Upward Waste Light Ratio (UWLR)

Maximum Allowable Value: 3.0 %

Calculated UWLR: 0.0 %

Test Results: **PASS**

Obtrusive Light - Compliance Report

AS/NZS 4282:2019, A4 - High District Brightness, Curfew

Filename: A667AOLC001

14/08/2020 2:03:25 PM

Illuminance

Maximum Allowable Value: 5 Lux

Calculations Tested (3):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_S_III_Seg1	FAIL	13.56
ObtrusiveLight_W_III_Seg1	FAIL	24.11
ObtrusiveLight_E_III_Seg1	PASS	1.67

Failed Meter Locations (137):

Calculation Label	Lux	Meter Coords
ObtrusiveLight_S_III_Seg1	5.02	54.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	5.10	36.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	5.10	22.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	5.11	6.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	5.12	40.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	5.20	2.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	5.26	78.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	5.32	52.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	5.33	80.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	5.43	82.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	5.44	18.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	5.70	22.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	5.70	42.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	5.77	2.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	5.82	56.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	5.85	16.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	5.88	2.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	6.02	38.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	6.06	84.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	6.09	22.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	6.29	8.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.35	88.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	6.39	20.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	6.42	6.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	6.44	12.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.48	56.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	6.49	86.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	6.51	56.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	6.56	50.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.61	90.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	6.62	4.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	6.62	14.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.65	10.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.71	46.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.74	44.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.81	52.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	6.92	48.192, -54.694, 5.5
ObtrusiveLight_S_III_Seg1	6.98	38.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	7.16	38.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	7.16	42.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	7.31	16.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	7.37	54.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	7.40	6.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	7.59	40.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	7.64	20.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	7.78	18.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.03	42.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.05	16.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.08	8.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.09	8.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	8.20	52.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.44	20.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	8.51	4.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	8.51	50.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	8.60	50.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.78	14.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.80	14.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	8.85	44.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	8.88	44.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	9.12	54.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	9.13	4.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	9.20	10.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	9.26	10.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	9.26	12.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	9.55	48.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	9.55	12.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	9.55	46.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	9.58	48.192, -54.694, 4.5
ObtrusiveLight_S_III_Seg1	9.59	46.192, -54.694, 3.5
ObtrusiveLight_S_III_Seg1	9.72	40.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	9.79	54.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	10.04	6.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	10.12	40.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	10.52	18.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	10.80	18.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	10.90	6.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	10.97	8.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	10.98	12.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	10.99	52.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	11.02	16.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	11.10	42.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	11.24	10.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	11.60	14.192, -54.694, 2.5

ObtrusiveLight_S_III_Seg1	11.61	52.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	11.77	46.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	11.96	44.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	11.97	42.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	11.99	8.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	12.00	50.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	12.27	48.192, -54.694, 2.5
ObtrusiveLight_S_III_Seg1	12.49	50.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	12.67	44.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	12.86	16.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	13.11	14.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	13.14	10.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	13.18	48.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	13.27	46.192, -54.694, 1.5
ObtrusiveLight_S_III_Seg1	13.56	12.192, -54.694, 1.5
ObtrusiveLight_W_III_Seg1	5.15	-10.31, -46.929, 2.5
ObtrusiveLight_W_III_Seg1	5.25	-10.31, -24.929, 3.5
ObtrusiveLight_W_III_Seg1	5.84	-10.31, -16.929, 1.5
ObtrusiveLight_W_III_Seg1	5.88	-10.31, -38.929, 3.5
ObtrusiveLight_W_III_Seg1	6.25	-10.31, -18.929, 2.5
ObtrusiveLight_W_III_Seg1	6.53	-10.31, -26.929, 3.5
ObtrusiveLight_W_III_Seg1	7.05	-10.31, -36.929, 3.5
ObtrusiveLight_W_III_Seg1	7.23	-10.31, -44.929, 2.5
ObtrusiveLight_W_III_Seg1	7.55	-10.31, -28.929, 3.5
ObtrusiveLight_W_III_Seg1	7.74	-10.31, -34.929, 3.5
ObtrusiveLight_W_III_Seg1	7.89	-10.31, -30.929, 3.5
ObtrusiveLight_W_III_Seg1	7.93	-10.31, -32.929, 3.5
ObtrusiveLight_W_III_Seg1	7.97	-10.31, -20.929, 2.5
ObtrusiveLight_W_III_Seg1	8.55	-10.31, -42.929, 2.5
ObtrusiveLight_W_III_Seg1	8.68	-10.31, -46.929, 1.5
ObtrusiveLight_W_III_Seg1	9.33	-10.31, -22.929, 2.5
ObtrusiveLight_W_III_Seg1	10.16	-10.31, -40.929, 2.5
ObtrusiveLight_W_III_Seg1	10.99	-10.31, -18.929, 1.5
ObtrusiveLight_W_III_Seg1	11.32	-10.31, -24.929, 2.5
ObtrusiveLight_W_III_Seg1	12.29	-10.31, -38.929, 2.5
ObtrusiveLight_W_III_Seg1	12.96	-10.31, -44.929, 1.5
ObtrusiveLight_W_III_Seg1	13.47	-10.31, -26.929, 2.5
ObtrusiveLight_W_III_Seg1	14.07	-10.31, -20.929, 1.5
ObtrusiveLight_W_III_Seg1	14.58	-10.31, -36.929, 2.5
ObtrusiveLight_W_III_Seg1	15.06	-10.31, -42.929, 1.5
ObtrusiveLight_W_III_Seg1	15.64	-10.31, -28.929, 2.5
ObtrusiveLight_W_III_Seg1	15.96	-10.31, -22.929, 1.5
ObtrusiveLight_W_III_Seg1	16.46	-10.31, -34.929, 2.5
ObtrusiveLight_W_III_Seg1	17.09	-10.31, -30.929, 2.5
ObtrusiveLight_W_III_Seg1	17.11	-10.31, -40.929, 1.5
ObtrusiveLight_W_III_Seg1	17.47	-10.31, -32.929, 2.5
ObtrusiveLight_W_III_Seg1	18.35	-10.31, -24.929, 1.5
ObtrusiveLight_W_III_Seg1	19.68	-10.31, -38.929, 1.5
ObtrusiveLight_W_III_Seg1	20.92	-10.31, -26.929, 1.5
ObtrusiveLight_W_III_Seg1	22.21	-10.31, -36.929, 1.5
ObtrusiveLight_W_III_Seg1	23.24	-10.31, -28.929, 1.5
ObtrusiveLight_W_III_Seg1	23.67	-10.31, -34.929, 1.5
ObtrusiveLight_W_III_Seg1	24.00	-10.31, -30.929, 1.5
ObtrusiveLight_W_III_Seg1	24.11	-10.31, -32.929, 1.5

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 2500 Cd

Calculations Tested (3):

Calculation Label	Test Results
ObtrusiveLight_S_Cd_Seg1	FAIL
ObtrusiveLight_W_Cd_Seg1	FAIL
ObtrusiveLight_E_Cd_Seg1	PASS

Failed Meter Locations (56):

Offending Lum. No.	Label	Cd	Meter Coords
86	ATB2_60BLEDE70_XXXXX_R4	2621	-10.31, -50.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	3221	-10.31, -48.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	4273	-10.31, -46.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	6405	-10.31, -42.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	7528	-10.31, -40.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	8531	-10.31, -38.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	10340	-10.31, -30.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	9754	-10.31, -28.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	6242	-10.31, -20.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	3519	-10.31, -42.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	4329	-10.31, -40.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	5219	-10.31, -38.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	6071	-10.31, -36.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	7424	-10.31, -30.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	6753	-10.31, -28.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	3439	-10.31, -20.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	2644	-10.31, -38.929, 3.5
86	ATB2_60BLEDE70_XXXXX_R4	3094	-10.31, -36.929, 3.5
86	ATB2_60BLEDE70_XXXXX_R4	3340	-10.31, -34.929, 3.5
86	ATB2_60BLEDE70_XXXXX_R4	3267	-10.31, -32.929, 3.5
88	ATB2_40BLEDE10_XXXXX_R2	2957	24.192, -54.694, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	3521	22.192, -54.694, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	3856	20.192, -54.694, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	3951	18.192, -54.694, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	3785	16.192, -54.694, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	3346	14.192, -54.694, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	2662	12.192, -54.694, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	2528	16.192, -54.694, 2.5
89	ATB2_40BLEDE10_XXXXX_R2	2521	90.192, -54.694, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	3082	88.192, -54.694, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	3621	86.192, -54.694, 1.5

89	ATB2_40BLEDE10_XXXXX_R2	3865	84.192, -54.694, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	3852	82.192, -54.694, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	3594	80.192, -54.694, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	3114	78.192, -54.694, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	2505	86.192, -54.694, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	5642	-10.31, -44.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	9118	-10.31, -36.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	10303	-10.31, -34.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	10001	-10.31, -32.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	8710	-10.31, -26.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	7944	-10.31, -24.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	6885	-10.31, -22.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	4745	-10.31, -18.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	3690	-10.31, -16.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	2882	-10.31, -14.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	3107	-10.31, -44.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	7141	-10.31, -34.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	7252	-10.31, -32.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	5559	-10.31, -26.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	4704	-10.31, -24.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	3826	-10.31, -22.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	2555	-10.31, -18.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	3263	-10.31, -30.929, 3.5
91	ATB2_60BLEDE70_XXXXX_R4	3265	-10.31, -28.929, 3.5
91	ATB2_60BLEDE70_XXXXX_R4	2828	-10.31, -26.929, 3.5

Threshold Increment (TI)

Maximum Allowable Value: 20 %

Calculations Tested (1):

Calculation Label	Adaptation Luminance	Test Results
ObtrusiveLight_TI_1	5	PASS

Upward Waste Light Ratio (UWLR)

Maximum Allowable Value: 3.0 %

Calculated UWLR: 0.0 %

Test Results: **PASS**

Obtrusive Light - Compliance Report

AS/NZS 4282:2019, A4 - High District Brightness, Curfew

Filename: A667AOLC002

14/08/2020 2:04:12 PM

Illuminance

Maximum Allowable Value: 5 Lux

Calculations Tested (3):

Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_E_III_Seg1	PASS	1.31
ObtrusiveLight_S_III_Seg1	FAIL	24.85
ObtrusiveLight_W_III_Seg1	FAIL	18.57

Failed Meter Locations (154):

Calculation Label	Lux	Meter Coords
ObtrusiveLight_S_III_Seg1	5.02	76.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	5.02	84.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	5.10	22.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	5.12	26.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	5.13	82.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	5.16	74.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	5.16	56.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	5.17	78.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	5.31	86.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	5.37	88.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	5.37	6.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	5.51	80.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	5.53	38.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	5.62	20.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	5.65	52.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	5.82	4.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	5.85	20.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	5.96	4.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	5.98	78.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	6.05	20.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	6.06	24.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	6.26	82.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	6.29	4.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	6.34	54.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	6.38	76.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	6.40	80.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	6.45	90.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	6.47	42.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	6.48	54.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	6.64	84.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	6.66	40.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	6.66	16.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	6.69	54.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	6.81	22.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	7.05	40.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	7.11	4.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	7.17	82.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	7.27	78.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	7.37	54.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	7.40	80.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	7.43	86.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	7.49	40.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	7.53	20.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	7.74	18.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	7.79	6.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	7.80	88.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	8.23	52.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	8.29	18.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	8.32	40.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	8.59	42.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	8.62	4.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	8.63	18.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	8.74	54.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	9.17	6.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	9.42	18.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	9.50	6.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	9.51	52.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	9.83	40.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	10.18	8.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	10.22	50.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	10.23	42.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	10.26	52.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	10.31	16.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	10.37	8.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	10.53	18.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	10.67	16.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	10.77	44.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	10.80	42.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	10.98	50.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	11.25	16.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	11.59	14.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	11.60	84.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	11.96	12.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	12.02	44.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	12.18	14.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	12.36	10.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	12.84	8.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	12.95	46.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	13.09	48.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	13.12	50.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	13.43	48.192, -51.629, 6.5
ObtrusiveLight_S_III_Seg1	13.50	10.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	13.70	44.192, -51.629, 2.5

ObtrusiveLight_S_III_Seg1	13.71	46.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	14.38	14.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	14.39	52.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	14.58	6.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	14.60	12.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	14.68	8.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	15.41	50.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	15.56	6.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	16.02	42.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	16.22	14.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	16.38	44.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	16.40	52.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	16.52	10.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	16.78	48.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	16.95	12.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	17.01	46.192, -51.629, 2.5
ObtrusiveLight_S_III_Seg1	17.28	86.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	17.30	16.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	18.92	16.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	19.03	88.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	19.36	42.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	19.47	90.192, -51.629, 1.5
ObtrusiveLight_S_III_Seg1	19.81	10.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	20.26	8.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	20.28	12.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	20.94	48.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	21.00	12.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	21.04	14.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	21.37	46.192, -51.629, 5.5
ObtrusiveLight_S_III_Seg1	21.63	50.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	21.98	10.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	22.10	8.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	22.20	50.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	22.25	44.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	22.87	44.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	22.93	14.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	23.62	46.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	24.34	48.192, -51.629, 4.5
ObtrusiveLight_S_III_Seg1	24.37	48.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	24.42	10.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	24.57	46.192, -51.629, 3.5
ObtrusiveLight_S_III_Seg1	24.85	12.192, -51.629, 3.5
ObtrusiveLight_W_III_Seg1	5.04	-12.389, -34.929, 3.5
ObtrusiveLight_W_III_Seg1	5.27	-12.389, -30.929, 3.5
ObtrusiveLight_W_III_Seg1	5.28	-12.389, -42.929, 2.5
ObtrusiveLight_W_III_Seg1	5.41	-12.389, -32.929, 3.5
ObtrusiveLight_W_III_Seg1	5.70	-12.389, -22.929, 2.5
ObtrusiveLight_W_III_Seg1	6.35	-12.389, -40.929, 2.5
ObtrusiveLight_W_III_Seg1	6.48	-12.389, -46.929, 1.5
ObtrusiveLight_W_III_Seg1	7.06	-12.389, -24.929, 2.5
ObtrusiveLight_W_III_Seg1	7.75	-12.389, -18.929, 1.5
ObtrusiveLight_W_III_Seg1	7.80	-12.389, -38.929, 2.5
ObtrusiveLight_W_III_Seg1	8.58	-12.389, -26.929, 2.5
ObtrusiveLight_W_III_Seg1	9.03	-12.389, -44.929, 1.5
ObtrusiveLight_W_III_Seg1	9.40	-12.389, -36.929, 2.5
ObtrusiveLight_W_III_Seg1	9.92	-12.389, -20.929, 1.5
ObtrusiveLight_W_III_Seg1	10.20	-12.389, -28.929, 2.5
ObtrusiveLight_W_III_Seg1	10.72	-12.389, -42.929, 1.5
ObtrusiveLight_W_III_Seg1	10.84	-12.389, -34.929, 2.5
ObtrusiveLight_W_III_Seg1	11.32	-12.389, -30.929, 2.5
ObtrusiveLight_W_III_Seg1	11.52	-12.389, -22.929, 1.5
ObtrusiveLight_W_III_Seg1	11.56	-12.389, -32.929, 2.5
ObtrusiveLight_W_III_Seg1	12.42	-12.389, -40.929, 1.5
ObtrusiveLight_W_III_Seg1	13.31	-12.389, -24.929, 1.5
ObtrusiveLight_W_III_Seg1	14.36	-12.389, -38.929, 1.5
ObtrusiveLight_W_III_Seg1	15.39	-12.389, -26.929, 1.5
ObtrusiveLight_W_III_Seg1	16.28	-12.389, -36.929, 1.5
ObtrusiveLight_W_III_Seg1	17.08	-12.389, -28.929, 1.5
ObtrusiveLight_W_III_Seg1	17.74	-12.389, -34.929, 1.5
ObtrusiveLight_W_III_Seg1	18.27	-12.389, -30.929, 1.5
ObtrusiveLight_W_III_Seg1	18.57	-12.389, -32.929, 1.5

Luminous Intensity (Cd) At Vertical Planes

Maximum Allowable Value: 2500 Cd

Calculations Tested (3):

Calculation Label	Test Results
ObtrusiveLight_E_Cd_Seg1	PASS
ObtrusiveLight_S_Cd_Seg1	FAIL
ObtrusiveLight_W_Cd_Seg1	FAIL

Failed Meter Locations (57):

Offending Lum. No.	Label	Cd	Meter Coords
86	ATB2_60BLEDE70_XXXXX_R4	2613	-12.389, -50.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	3175	-12.389, -48.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	3858	-12.389, -46.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	4784	-12.389, -44.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	5754	-12.389, -42.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	6608	-12.389, -40.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	7450	-12.389, -38.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	8249	-12.389, -36.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	8455	-12.389, -34.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	8632	-12.389, -32.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	8559	-12.389, -30.929, 1.5
86	ATB2_60BLEDE70_XXXXX_R4	2670	-12.389, -44.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	3250	-12.389, -42.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	3763	-12.389, -40.929, 2.5

86	ATB2_60BLEDE70_XXXXX_R4	4269	-12.389, -38.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	4877	-12.389, -36.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	5168	-12.389, -34.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	5366	-12.389, -32.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	5309	-12.389, -30.929, 2.5
86	ATB2_60BLEDE70_XXXXX_R4	2510	-12.389, -34.929, 3.5
88	ATB2_40BLEDE10_XXXXX_R2	3011	26.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	3987	24.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	4645	22.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	4934	20.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	4811	18.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	4272	16.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	3276	14.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	2606	12.192, -51.629, 1.5
88	ATB2_40BLEDE10_XXXXX_R2	2606	22.192, -51.629, 2.5
88	ATB2_40BLEDE10_XXXXX_R2	2836	20.192, -51.629, 2.5
88	ATB2_40BLEDE10_XXXXX_R2	2899	18.192, -51.629, 2.5
88	ATB2_40BLEDE10_XXXXX_R2	2775	16.192, -51.629, 2.5
89	ATB2_40BLEDE10_XXXXX_R2	3975	86.192, -51.629, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	4639	84.192, -51.629, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	4902	82.192, -51.629, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	4733	80.192, -51.629, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	4204	78.192, -51.629, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	3321	76.192, -51.629, 1.5
89	ATB2_40BLEDE10_XXXXX_R2	2691	86.192, -51.629, 2.5
89	ATB2_40BLEDE10_XXXXX_R2	2837	84.192, -51.629, 2.5
89	ATB2_40BLEDE10_XXXXX_R2	2825	82.192, -51.629, 2.5
89	ATB2_40BLEDE10_XXXXX_R2	2656	80.192, -51.629, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	8363	-12.389, -28.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	7808	-12.389, -26.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	6946	-12.389, -24.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	6108	-12.389, -22.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	5202	-12.389, -20.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	4259	-12.389, -18.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	3454	-12.389, -16.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	2864	-12.389, -14.929, 1.5
91	ATB2_60BLEDE70_XXXXX_R4	4937	-12.389, -28.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	4551	-12.389, -26.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	3943	-12.389, -24.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	3465	-12.389, -22.929, 2.5
91	ATB2_60BLEDE70_XXXXX_R4	2919	-12.389, -20.929, 2.5
93	ATB2_40BLEDE10_XXXXX_R4	5364	90.192, -51.629, 1.5
93	ATB2_40BLEDE10_XXXXX_R4	4129	88.192, -51.629, 1.5

Threshold Increment (TI)

Maximum Allowable Value: 20 %

Calculations Tested (1):

Calculation Label	Adaptation Test Luminance	Test Results
ObtrusiveLight_TI_1	5	PASS

Upward Waste Light Ratio (UWLR)

Maximum Allowable Value: 3.0 %

Calculated UWLR: 0.0 %
 Test Results: **PASS**