



Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING & FIRE ROUTE	+	34.7 lux	74.4 lux	7.2 lux	10.3:1	4.8:1
PROPERTY LINE	+	0.6 lux	4.8 lux	0.0 lux	N/A	N/A
WALKWAYS	+	15.6 lux	45.7 lux	0.0 lux	N/A	N/A

Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	W	2	Lithonia Lighting	DSXW1 LED 20C 530 40K T2S MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T2S OPTIC, 4000K, @ 530mA.	LED	1	DSXW1_LED_20C_530_40K_T2S_MVOLT.ies	4380	0.9	34.9
	P-2	3	Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	376
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188
	P-3	1	Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	564
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188

Site Lighting Certificate

Project: TSA Barrhaven Phase One and Two
Bill Leathem Drive
Barrhaven, ON,

Our Client: Vandenberg & Wildeboer Architects Inc.
160 Flamborough Way, Kanata, Ontario, K2K 3H9

Our Project N°: CEML 16-023
Date: 2016-04-06

Attention:

City Inspector,
Infrastructure Approvals
City of Ottawa

RE: Site Lighting Certificate

Dear sir or madam,

the lighting for The Salvation Army site has been designed to meet the following criteria:

1. Using fixtures that meet the criteria for Full Cut-Off Classification, as recognized by the Illuminating Engineering Society of North America (IESNA or IES), and;
2. Meeting the light spillage criteria (not exceeding 0.5 fc) onto adjacent properties.

Please see the attached calculation sheet for lighting fixture schedule and illumination levels.

CHIARELLI ENGINEERING MANAGEMENT LIMITED



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