



February 29, 2024

Our File Ref.: 230673

Lepine Corp
206-555 Legget Dr
Ottawa, Ontario K2K 2X3

Attention: Alex Lalonde

Subject: Site Lighting Certification for 5000 Robert Grant, Ottawa, Ontario

Dear Mr. Lalonde,

The following is to confirm that the proposed site lighting design for the above mentioned project complies with the City of Ottawa standards pertaining to full cut-off classification fixtures and minimal light spillage (maximum 5.38 Lux or 0.5 fc) on adjacent properties.

In the summary of our lighting design simulation, the lighting levels at the property line are as follows:

1. Average lighting level: 1.39 Lux or 0.0 fc
2. Minimum lighting level: 0.0 Lux or 0.0 fc
3. Maximum lighting level: 57.5 Lux or 0.5 fc

The proposed light fixture model is identified in the light simulation document attached. The proposed fixtures are installed at different height levels as identified on luminaire schedule.

Yours truly,
LRL Associates Ltd.

M. Canto

Mackenzie Canto, Electrical
Technologist



Martin Tessier, P. Eng





SITE LIGHTING FIXTURES						
TYPE	MANUFACTURER	CATALOGUE NUMBER	DESCRIPTION	MOUNTING	LAMP	VOLTAGE
F12b	SHAPER	674-43-WP-L4/835-UNV-BM	43" WALL MOUNTED SCONCE. FIXTURE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR	WALL	LED (29W)	120V
F18	KEENE	LPW16-30-NW-G3-4-120-BZ	EXTERIOR WALL MOUNTED EGRESS LIGHT LED ARRAY, 4000K, 3950 LUMENS, BRONZE TEXTURES PAINT	WALL (*)	LED (30W)	120V
F26A	GARDCO	P26-48L-700-NW-G2-AR-2-347-TLRPC-HIS-BZ	EXTERIOR LED AREA LIGHT, 15FT SQUARE POLE MOUNT (ORDERED SEPARATELY), HOUSE SIDE SHIELD, TEXTURED BRONZE FINISH, TYPE 2 MED. DISTRIBUTION 4000K C/W PHOTOCELL	POLE (15FT)	LED (91W)	347V
F26B	GARDCO	P26-48L-700-NW-G2-AR-1-347-TLRPC-HIS-BZ	EXTERIOR LED AREA LIGHT, 10FT SQUARE POLE MOUNT (ORDERED SEPARATELY), HOUSE SIDE SHIELD, TEXTURED BRONZE FINISH, TYPE 1 MED. DISTRIBUTION 4000K C/W PHOTOCELL	POLE (10FT)	LED (91W)	347V

(*)-MOUNTED ON WALL CENTERED ABOVE EGRESS DOOR (200mm AFD)

Luminaire Schedule									
Symbol	Qty	Label	Description	Lum. Lumens	Lum. Watts	LLF	Filename	Arrangement	Mounting Height (FT)
■	4	F26B	P26-48L-700-NW-G2-3-HIS	11224	101.0474	0.900	F26B-p26-48l-700-nw-g2-3-his.ies	Single	10
■	3	F26A	P26-48L-700-NW-G2-4-HIS	11707	101.0474	0.900	F26A-F26D-p26-48l-700-nw-g2-4-his.ies	Single	15
■	20	F18	LPW-32-70-NW-G3-2-2021	8425	64.6	0.900	F18A-lpw32-70-nw-g3-2.ies	Single	8
■	6	F12B	674-WP-43-L4_835	2445	35	0.900	F12B-674-WP-43-L4-835.ies	Single	5

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPis_1	Illuminance	Fc	1.98	57.5	0.0	N.A.	N.A.

Client

LÉPINE
BUILD QUALITY - BUILD A SOLID INVESTMENT

KEYPLAN

RELEASE SCHEDULE

No	RELEASE	DATE

LRL
ENGINEERING | INGENIERIE
5430 Canotek Road | Ottawa, ON, K1J 9G2
www.lrl.ca | (613) 842-3434

Project/Projet
5000 Robert Grant INC.

Project north
Nord du projet

Seal/Sciau

Project Address
**5000 Robert Grant
Stittsville, ON.**

Drawing title/Titre du dessin
**SITE PHOTOMETRICS
PLAN**

Scale Échelle	AS NOTED	Drawing/Dessin	
Design by Conçu par	D.T.	EP-01	
Drawn by Dessiné par	C.T.		
Reviewed by Examiné par	M.T.	Previous Revision:	0.0
Date	2024/02/14	Current Revision:	1.0

1 SITE PHOTOMETRICS PLAN
EP-01 1:300