



LRL

ENGINEERING | INGÉNIERIE

December 18, 2025

Our File Ref.: 220512

ESP Pierre-de-Blois
1310 Chapman Mills Dr.
Ottawa, Ontario K2K 3L9

Attention: Provencher Roy

Subject: Site Lighting Certification for ESP Pierre-de-Blois, Ottawa, Ontario

Whomever it may concern,

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 for the pathway are as follows considering that the value at the property line is 0.0 all around in relation to this addition:

1. Average lighting level: 0.1 Lux or 0.01 fc
2. Minimum lighting level: 0 Lux or 0 fc
3. Maximum lighting level: 1.0 Lux or 0.1 fc

The proposed light fixture model is identified in the light simulation document attached. The proposed fixtures wall mounted fixtures at 2.30 m (7.5ft) and 0.40 m (1.3ft).

Yours truly,
LRL Associates Ltd.

Linden Sims, Electrical Technologist



Martin Tessier, P. Eng



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
OUTDOOR PERFORMANCE	Illuminance	Fc	6.37	87.2	0.2	31.85	436.00
PATHWAY	Illuminance	Fc	0.01	0.1	0.0	N.A.	N.A.
SOUTH MAIN ENTRANCE	Illuminance	Fc	3.56	5.2	1.1	3.24	4.73
WEST LAWN	Illuminance	Fc	0.26	5.2	0.0	N.A.	N.A.

Luminaire Schedule							
Label	Symbol	Qty	Arrangement	LLF	Description	Lum. Lumens	Lum. Watts
3		301	Single	0.900	DI-24V-MSE-LIN-30-016-IES_FIL	300	6.46
1		7	Single	0.900	CY2-25-3K7-2-2-R	2265	25.7

SITE PLAN LEGEND NEW WORK

