



Smith + Andersen

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2024-04-15

City of Ottawa

Infrastructure Services and Community Sustainability
110 Laurier Avenue West
Ottawa, ON
K1P 1J1

Attention: Ms. Samantha Gatchene

**RE: SITE LIGHTING CERTIFICATE
6688 Franktown Road,
OTTAWA, ONTARIO**

Dear Samantha Gatchene:

This letter is to confirm that the exterior light fixtures used for this project will be designed to meet the criteria for the City of Ottawa Site Lighting requirements as follows;

- I. The fixtures will be full cut-off classification as recognized by the Illuminating Engineering Society of North America (IESNA)
- II. The resulting light spillage onto adjacent properties is below the maximum allowable spillage (0.5 fc) by City of Ottawa Standards.


Yours truly,


SMITH + ANDERSEN

Mike Leong, P.Eng.
Smith + Andersen



C.C. Shalin Shah, Smith + Andersen

LUMINAIRE SCHEDULE Project Name: IBPS Temple Project number: 23428.000							Smith + Andersen 1600 Carling Avenue, Suite 530 Ottawa Ontario K1Z 1G3	
TYPE	VOLT.	LAMP(S)	DIMENSIONS	DESCRIPTION	DRIVERS/ POWER SUPPLY	MANUFACTURER/ CATALOGUE NUMBER	MINIMUM PERFORMANCE REQUIRED	LOCATED
EXTERIOR LIGHTING								
EL1	120V	59W	Single column bracket fixture Mounted on 4.5" Dia. Pole.	Pole mounted LED Area luminaire with integrated dimmable driver. Round luminaire housing in cast aluminum. Frameless glass lens. Luminaire mounted on a 5 meter high pole.	LED Driver	Equal to: Landscapeforms - Slope SPL-36-B-1-TIII-TNM + SPL-01-TNM-SPF31P	5115 Lumens 3000 K 80 CRI IP66 L70/60,000hrs	SITE
EL2	120V	16W	Light: 3.5" Dia X 4-7/16" Deep.	Recessed Downlight for outdoor application. Wide angle light distribution. Multi selectable CCT	LED Driver	Equal to: Liteline - LUNA RA35P-16CRR-WCCWWRM1	1300 Lumens 2700-5000 K 80 CRI L70/50,000hrs	COLONNADE AND EXTERIOR CANOPY
EL3A	120V	59W	Single column bracket fixture Mounted on 4.5" Dia. Pole.	Pole mounted LED Area luminaire with integrated dimmable driver. Round luminaire housing in cast aluminum. Frameless glass lens. Luminaire mounted on a 5.8 meter high pole.	LED Driver	Equal to: Landscapeforms - Slope SPL-36-B-1-TIII-TNM + SPL-01-TNM-SPF41P	5115 Lumens 3000 K 80 CRI IP66 L70/60,000hrs	SITE
EL3B	120V	59W	Single column bracket fixture Mounted on 4.5" Dia. Pole.	Pole mounted LED Area luminaire with integrated dimmable driver. Round luminaire housing in cast aluminum. Frameless glass lens. Luminaire mounted on a 5.8 meter high pole.	LED Driver	Equal to: Landscapeforms - Slope SPL-36-B-1-TIV-TNM + SPL-01-TNM-SPF41P	5115 Lumens 3000 K 80 CRI IP66 L70/60,000hrs	SITE
EL4	120V	LED 3W	4.72" Dia X 8.57" Deep	Floor mounted LED light fixture to highlight sculpture and signage board. Ploycarbonate lens	LED Driver	Equal to: ERALUX AE-OD-ET7069-C20-30-50-80- AS-B-MTJS	1276 Lumens 3000 K 80CRI IP65 L80/50,000hrs	SITE SCULPTURE
EL5	120V	LED 33W	2.34" Length X 12.24" Width X 2.58" Height	Pole mounted LED street light with die-cast aluminum housing . IP65, IK08 Rated. Fixture mounted on a 4" square pole at 6 meter height.	LED Driver	Equal to: ERALUX- GENESYS AE-OD-GY-80-UV-D-40-T4-B- XX(Match Slope) + AE-OD-GY-OS-60-150W-XX (Match Slope)	9000 Lumens 3000 K IP65 70 CRI Minimum L70/50,000hrs	SITE

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EL6A/6 B	120V	22W	Single column bracket fixture	Wall mounted LED Area luminaire with integrated dimmable driver. Round luminaire housing in cast aluminum. Frameless glass lens.	LED Driver	Equal to: Landscapeforms - Slope SPL-18-A-1-TIII-NULL-TNM + SPL-02-TNM	1949 Lumens 3000 K 80 CRI IP66 L70/60,000hrs	BUILDING ENTRANCES
EL7	120V	22W	Pole mounted multi directional fixture	LED pole mounted fixture. Extruded aluminum body contruction with tempered glass diffuser lens and theaded waterproof cord grip. Mounted on a 4.9 meter high pole	LED Driver	Equal to: Landscapeforms - gunnar GU1P-12-A-1-WF-NULL + GUC39P-TNM	1949 Lumens 3000 K 80 CRI IP66 L70/60,000hrs	SITE