

**SYMBOL LEGEND**

	LIGHT FIXTURE TYPE
	LIGHT FIXTURE TYPE A
	LIGHT FIXTURE TYPE A - EMERGENCY POWER
	C-1200 LIGHT FIXTURE TYPE WITH LENGTH IN mm

**DRAWING NOTES**

- 

1  
E-2 BUILDING EXTENSION SITE/PARKING LOT PLAN  
SCALE: 1:100

MH-S  
TVG=82.07  
Inv.=77.98

MH-ST  
TVG=82.08  
Inv.=78.51

MH-S  
TVG=81.80

MH-ST  
TVG=81.76

**RICKSON  
OUTHET  
ARCHITECT**

319 Daly Avenue  
Ottawa - Ontario - K1N 6G6  
613.728-1637 - FAX 613.728-8501

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ENGINEERING LTD.

Preparing Buildings for the Future  
560 Upper Perth Road, Almonte, ON K0A 1A0  
Phone: 613 801-4508 email: cam@southface.ca



2	ISSUED FOR PERMIT	23 SEP 22
1	ISSUED FOR REVIEW	23 JUL 22
No.	Revision	Date

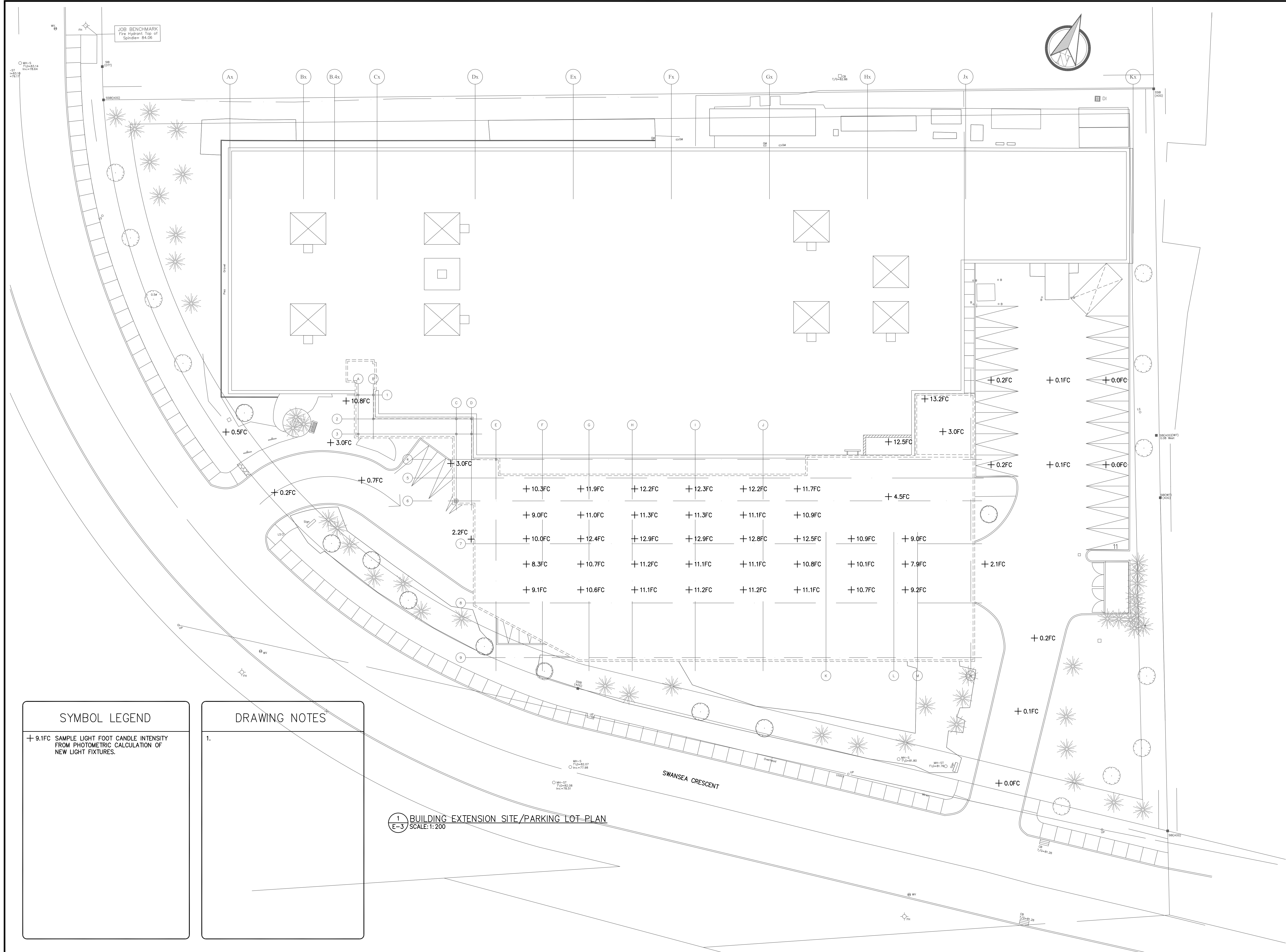
Project Title  
**IRIDIAN  
SPECTRAL TECHNOLOGIES  
EXPANSION**  
2700 SWANSEA, OTTAWA, ONTARIO

Drawing  
**ELECTRICAL  
SITE/PARKING PLAN**

Designed by :	R.H.	Conçu par
Date	2022 MARCH 28	
Drawn	C.H.	Dessiné
Date	2022 MARCH 28	
Approved	R.H.	Approuvé
Date	2022 MARCH 28	
Project no.	2206	No. du projet

Scale  
Echelle  
1:100

Drawing no.  
No. du dessin  
**E-02**  
OF 08



**SYMBOL LEGEND**

+ 9.1FC SAMPLE LIGHT FOOT CANDLE INTENSITY FROM PHOTOMETRIC CALCULATION OF NEW LIGHT FIXTURES.

**DRAWING NOTES**

1.

1 BUILDING EXTENSION SITE/PARKING LOT PLAN  
E-3 SCALE: 1:200

**RICKSON  
OUTHET  
ARCHITECT**

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Project Title  
**IRIDIAN  
SPECTRAL TECHNOLOGIES  
EXPANSION**  
2700 SWANSEA, OTTAWA, ONTARIO

Drawing  
**SITE LIGHT INTENSITY**

Designed by : R.H. Conçu par  
Date 2022 MARCH 28  
Drawn C.H. Dessiné  
Date 2022 MARCH 28  
Approved R.H. Approuvé  
Date 2022 MARCH 28  
Project no. 2206 No. du projet

Scale Echelle 1:100  
Drawing no. No. du dessin **E-03**  
OF 08



**eralex**  
**MONT BLANC EVOLVE**  
 RECESSED COMMERCIAL LUMINAIRE  
 Volumetric troffer

The Mont Blanc series is an ideal solution for anyone looking to minimize waste, reduce install time and to revitalize ceiling. This product differentiates itself through its ease of install and access for maintenance. The Mont Blanc Evolve features a switchable CCT (3000K, 3500K, 4000K, or 5000K) and switchable power levels (2 power level for the 2x2 and 3 power levels for the 2x4) for the fixture. This enables customization on site during final installation and provides an unparalleled level of flexibility.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120Vvac  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 125 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Polycarbonate diffuser ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare while maintaining minimal thickness  
 Finish: White

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

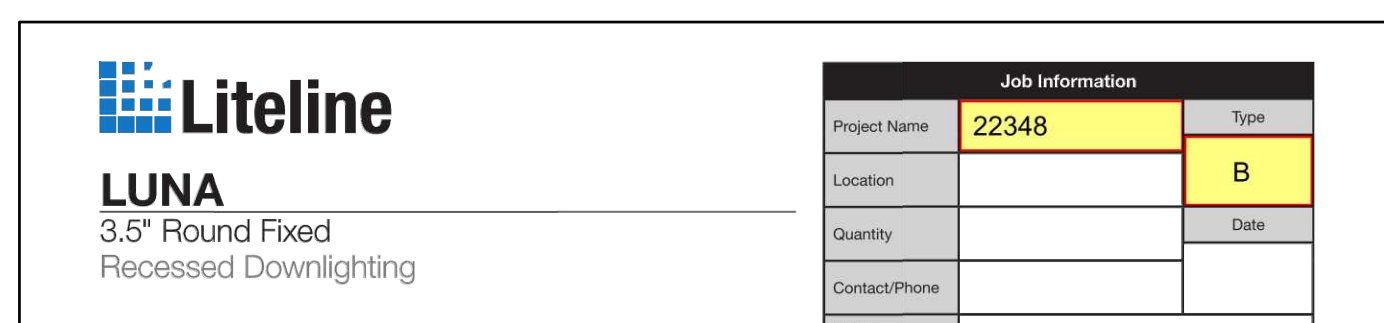
**ORDERING GUIDE**  
 EXAMPLE: AE-RC-MBUV22LBN30/35/40010WH

AE-RC-MB	UV	22	LB	N	30/35/40	O10	WH
AE-RC-MB	UV	22	LB	N	30/35/40	O10	WH
ERALUX MONT BLANC EVOLVE	120V/277Vvac	2 x 2 feet	12" Lamberian distribution	Normal 80 CRI	30/35/40 3000/3500/4000K selectable CCT	O10 0-10V external dimming down to 10%	White painted finish
CA	347Vvac	2 x 4 feet	36/42/50 Watts selectable 4000/5000/5000K lumens selectable	30/40/50 3000/4000/5000K selectable CCT	000EM* Emergency battery back-up	000M* Motion Sensor	000P* 000M+MS1

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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LIGHT FIXTURE -- A  
 SCALE:N.T.S.



**Liteline**  
**LUNA**  
 3.5" Round Fixed  
 Recessed Downlighting

**Job Information**  
 Project Name: 22348  
 Location: B  
 Quantity: B  
 Contact Phone: B

**DESCRIPTION**  
 The RA35-12F is a 12 watt 3.5" round recessed light fixture for remote application. It is a high-performance, easy to install, downlight that offers good light output, energy efficiency and streamlined design. Suitable for wet locations.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120-277V  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 125 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Polycarbonate diffuser ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare while maintaining minimal thickness  
 Finish: White

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

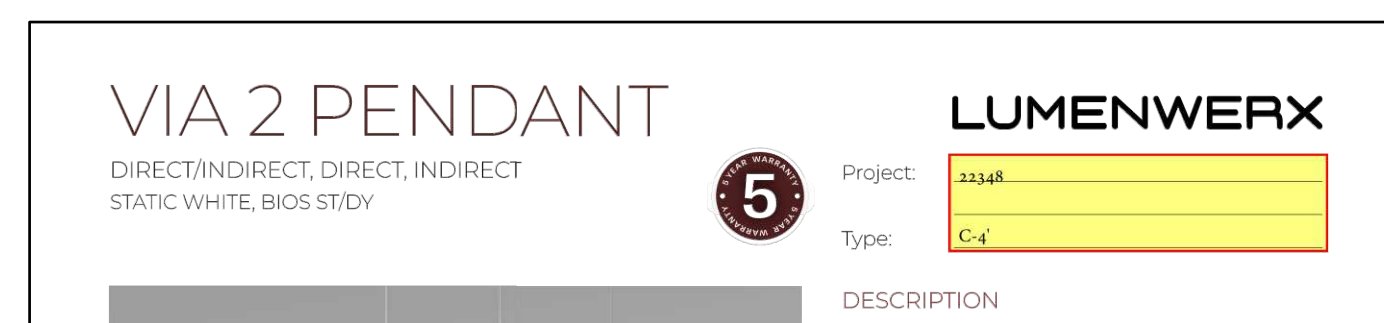
**ORDERING GUIDE**  
 EXAMPLE: RA35-12F-35K-C-30/35/40-010-WH

AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
ERALUX Eco Strip linear fixture	120-277Vvac	4 feet fixture length	32 watts: 4100 lumens	Normal 80 CRI	40 4000K CCT	O10 0-10V external dimming down to 10%	White painted finish
8 feet fixture length	65 watts: 8250 lumens	EM Motion Sensor	EM Emergency back-up	EMEM Motion sensor + BW Emergency back-up			

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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LIGHT FIXTURE -- B  
 SCALE:N.T.S.



**LUMENWERX**  
**VIA 2 PENDANT**  
 DIRECT/INDIRECT, DIRECT, INDIRECT  
 STATIC WHITE, BIOS STUDY

**Job Information**  
 Project Name: 22348  
 Location: B  
 Quantity: B  
 Contact Phone: B

**DESCRIPTION**  
 Our elegant, flexible Via family is composed of linear, pendant, surface, recessed and wall mounted luminaires. Each lighting fixture can be installed as a discrete luminaire or in continuous runs or patterns. Via 2 Pendant is offered with asymmetric, wide spread, wall wash, or low-glare optics. Via 2 Pendant can accommodate the Micro Spot, an adjustable spotlight that extends, rotates 360°, and tilts 90°.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120-277V  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 130 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Highly durable polycarbonate  
 Finish: Painted white

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

**ORDERING GUIDE**  
 EXAMPLE: AE-SF-ER-ECOUV432N30-010WH

AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
ERALUX Eco Strip linear fixture	120-277Vvac	4 feet fixture length	32 watts: 4100 lumens	Normal 80 CRI	40 4000K CCT	O10 0-10V external dimming down to 10%	White painted finish
8 feet fixture length	65 watts: 8250 lumens	EM Motion Sensor	EM Emergency back-up	EMEM Motion sensor + BW Emergency back-up			

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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LIGHT FIXTURE -- C  
 SCALE:N.T.S.



**eralex**  
**ECO STRIP**  
 LINEAR FIXTURES  
 LED linear strip fixture

**Job Information**  
 Project Name: 22348  
 Location: B  
 Quantity: B  
 Contact Phone: B

**DESCRIPTION**  
 The ECO STRIP fixture is the economical option for the quick retrofit or new construction needs where there is extreme focus on return of investment. The ECO STRIP fixtures come in two standard lengths of 4 feet and 8 feet providing 130 LPW performance. The polycarbonate lens and design also provides for additional robustness and durability. The versatility of this product allows installation in garages, stairwells, and storage areas.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120-277V  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 130 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Highly durable polycarbonate  
 Finish: Painted white

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

**ORDERING GUIDE**  
 EXAMPLE: AE-SF-ER-ECOUV432N30-010WH

AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
ERALUX Eco Strip linear fixture	120-277Vvac	4 feet fixture length	32 watts: 4100 lumens	Normal 80 CRI	40 4000K CCT	O10 0-10V external dimming down to 10%	White painted finish
8 feet fixture length	65 watts: 8250 lumens	EM Motion Sensor	EM Emergency back-up	EMEM Motion sensor + BW Emergency back-up			

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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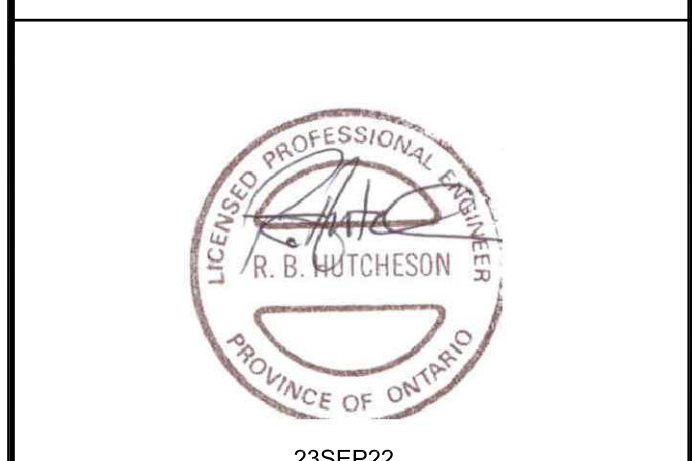
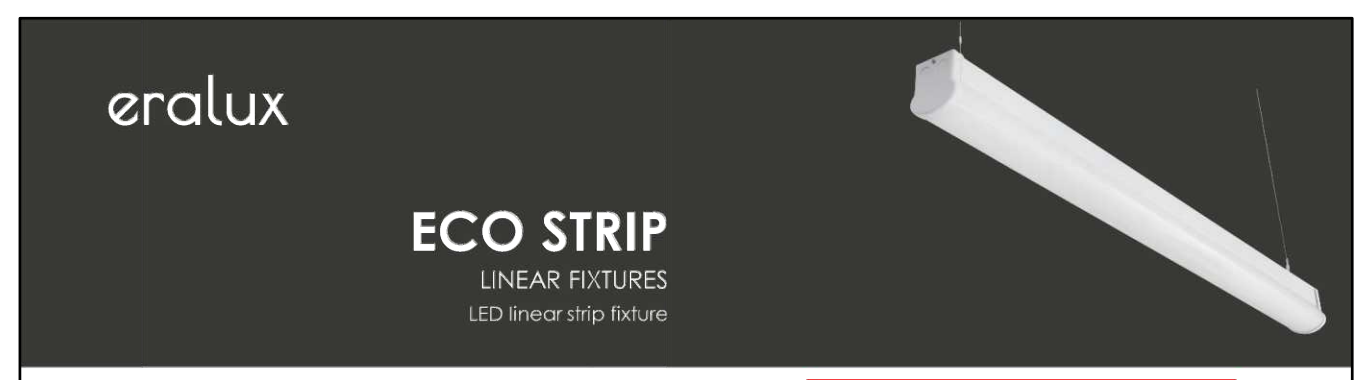
LIGHT FIXTURE -- D1  
 SCALE:N.T.S.

**RICKSON OUTHET ARCHITECT**

319 Daly Avenue  
 Ottawa - Ontario - K1N 6G6  
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**eralex**  
**ECO STRIP**  
 LINEAR FIXTURES  
 LED linear strip fixture

The ECO STRIP fixture is the economical option for the quick retrofit or new construction needs where there is extreme focus on return of investment. The ECO STRIP fixtures come in two standard lengths of 4 feet and 8 feet providing 130 LPW performance. The polycarbonate lens and design also provides for additional robustness and durability. The versatility of this product allows installation in garages, stairwells, and storage areas.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120-277V  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 130 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Highly durable polycarbonate  
 Finish: Painted white

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

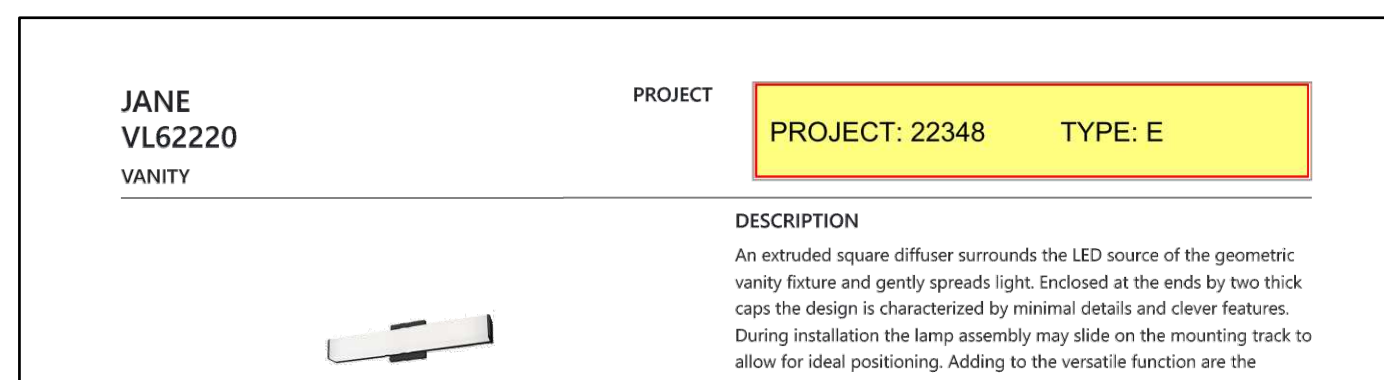
**ORDERING GUIDE**  
 EXAMPLE: AE-SF-ER-ECOUV432N30-010WH

AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
ERALUX Eco Strip linear fixture	120-277Vvac	4 feet fixture length	32 watts: 4100 lumens	Normal 80 CRI	40 4000K CCT	O10 0-10V external dimming down to 10%	White painted finish
8 feet fixture length	65 watts: 8250 lumens	EM Motion Sensor	EM Emergency back-up	EMEM Motion sensor + BW Emergency back-up			

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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LIGHT FIXTURE -- D2  
 SCALE:N.T.S.



**JANE VL62220**  
 VANITY

**Job Information**  
 Project Name: 22348  
 Location: B  
 Quantity: B  
 Contact Phone: B

**DESCRIPTION**  
 An extended square diffuser surrounds the LED source of the geometric vanity fixture and gently spreads light. Encased at the ends by two thick caps the design is characterized by minimal details and clever features. During installation the lamp assembly may slide on the mounting track to allow for ideal positioning. Adding to the versatile function are the multiple fixture lengths and mounting orientations. Optional installation without backplate for smaller junction boxes.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120V  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 130 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Highly durable polycarbonate  
 Finish: Painted white

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

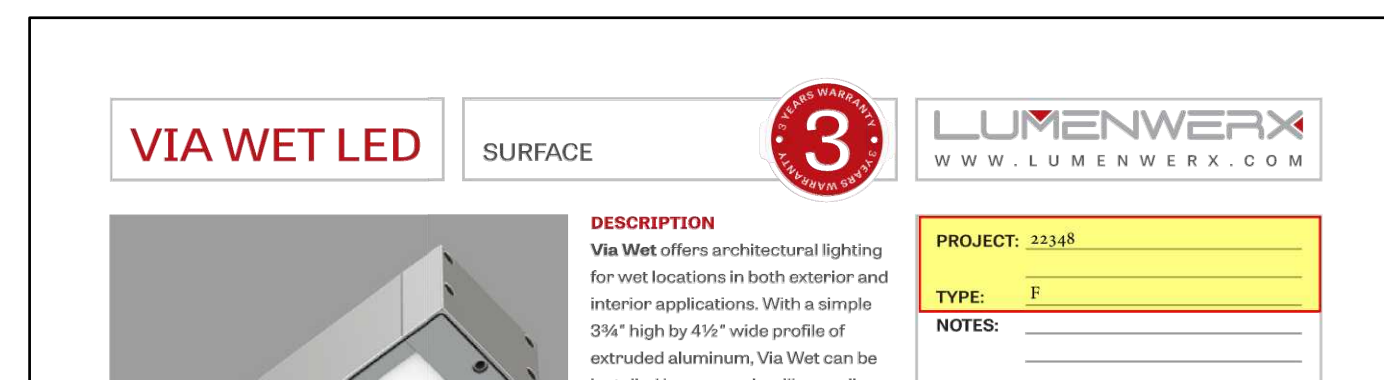
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ERALUX Eco Strip linear fixture	120-277Vvac	4 feet fixture length	32 watts: 4100 lumens	Normal 80 CRI	40 4000K CCT	O10 0-10V external dimming down to 10%	White painted finish
8 feet fixture length	65 watts: 8250 lumens	EM Motion Sensor	EM Emergency back-up	EMEM Motion sensor + BW Emergency back-up			

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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LIGHT FIXTURE -- E  
 SCALE:N.T.S.



**LUMENWERX**  
**VIA WET LED**  
 SURFACE

**Job Information**  
 Project Name: 22348  
 Location: B  
 Quantity: B  
 Contact Phone: B

**DESCRIPTION**  
 Via Wet offers architectural lighting for wet locations in both exterior and interior applications. With a simple 281" high by 416" wide profile of extruded aluminum, Via Wet can be installed in recessed, ceiling, wall, or pendant mounting. Fully sealed, Via Wet is suitable for extreme weather condition, -20°C/-4°F to 40°C/104°F. A choice of output options provides up to 1000 lumens per foot section.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120V  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 130 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Highly durable polycarbonate  
 Finish: Painted white

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

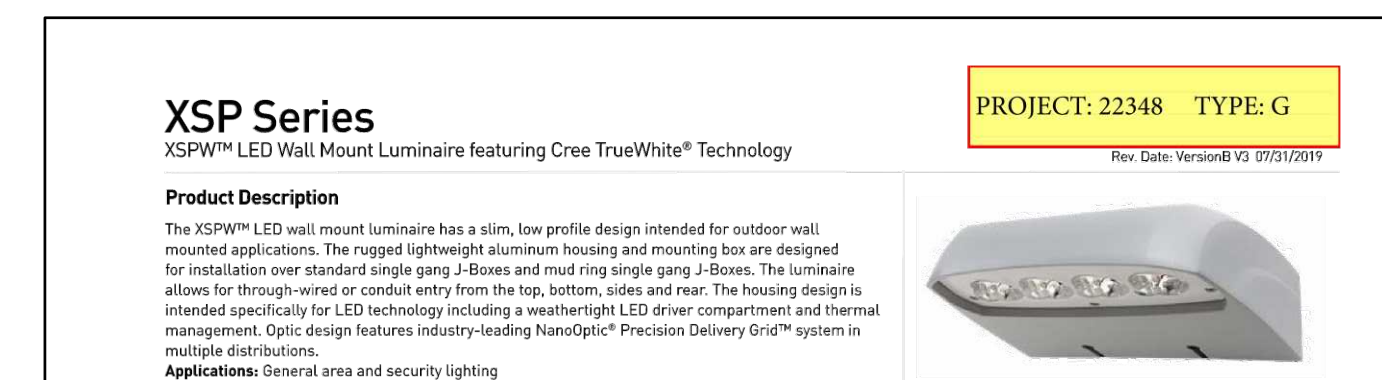
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 EXAMPLE: AE-SF-ER-ECOUV432N30-010WH

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AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
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8 feet fixture length	65 watts: 8250 lumens	EM Motion Sensor	EM Emergency back-up	EMEM Motion sensor + BW Emergency back-up			

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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LIGHT FIXTURE -- F  
 SCALE:N.T.S.



**XSP Series**  
 XSPW™ LED Wall Mount Luminaire featuring Cree TrueWhite® Technology

**Job Information**  
 Project Name: 22348  
 Location: B  
 Quantity: B  
 Contact Phone: B

**DESCRIPTION**  
 The XSPW™ LED wall mount luminaire has a slim, low profile design intended for outdoor wall mounted applications. The rugged lightweight aluminum housing and mounting box are designed for installation over standard single gang J-Boxes and roof ring single gang J-Boxes. The luminaire allows for through-wire or conduit entry from the top, bottom, side and rear. The housing design is intended specifically for LED technology including a weatherlight LED driver compartment and thermal management. Optic design features industry leading Nanodirect® Precision Delivery 6°PM system in multiple distributions.

**OPERATING & ELECTRICAL**  
 Input Voltage: 120-277V  
 Power factor: 0.9  
 Total harmonic distortion (THD): <20%  
 Dimming: 0-10V external dimming down to 10%

**PERFORMANCE**  
 Lumens per Watt: 130 LPW @ 80CRI  
 Power consumption: 24, 36, 42, 50W  
 Distribution: Lamberian

**MECHANICAL & HOUSING**  
 Housing: 22-gauge painted steel metal  
 Lens: Highly durable polycarbonate  
 Finish: Painted white

**WARRANTY**  
 System warranty: 5 years  
 Lumens maintenance: Rated for 85% initial lumen output of 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES), (L85 at 50,000 hours)

**ORDERING GUIDE**  
 EXAMPLE: AE-SF-ER-ECOUV432N30-010WH

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AE-SF-ER-ECO	UV	4	32	N	30	-O10	WH
ERALUX Eco Strip linear fixture	120-277Vvac	4 feet fixture length	32 watts: 4100 lumens	Normal 80 CRI	40 4000K CCT	O10 0-10V external dimming down to 10%	White painted finish
8 feet fixture length	65 watts: 8250 lumens	EM Motion Sensor	EM Emergency back-up	EMEM Motion sensor + BW Emergency back-up			

**5 YEARS WARRANTY** eralex  
**ETL**  
**UL**  
**RoHS**

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LIGHT FIXTURE -- G  
 SCALE:N.T.S.

**IRIDIAN SPECTRAL TECHNOLOGIES EXPANSION**

2700 SWANSEA, OTTAWA, ONTARIO

LIGHT FIXTURE SCHEDULE

No.	Revision	Date	Project Title	Project
2	ISSUED FOR PERMIT	23 SEP 22		
1	ISSUED FOR REVIEW	23 JUL 22		

Project Title: IRIDIAN SPECTRAL TECHNOLOGIES EXPANSION  
 Project: 2700 SWANSEA, OTTAWA, ONTARIO

Drawing	Dessin
Designed by : R.H.	Conçu par
Date: 2022 MARCH 28	
Drawn: C.H.	Dessiné
Date: 2022 MARCH 28	
Approved: R.H.	Approuvé
Date: 2022 MARCH 28	
Project no. 2206	No. du projet

Scale: 1:100  
 Drawing no. E-08