

ANSI/IES RP-8-25

TABLE 17-1: MINIMUM ILLUMINANCE CRITERIA FOR PARKING AREAS
MINIMUM HORIZONTAL: 2 LUX
UNIFORMITY RATIO MAX. (MAX / AVG): 4:1

Table 4-3: RECOMMENDED MAXIMUM VERTICAL ILLUMINANCE
SPILL LIGHT LIGHTING ZONE LZ-1
MAXIMUM VERTICAL ILLUMINANCE: 1 LUX

2 ANSI/IES RP-8-25 DESIGN STANDARDS

E1.1 NTS

Luminaire Schedule								
Symbol	Qty	Label	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts
	9	L1	Single	ST37-30W-3070-T4-HSS2x90D-B1U0G1	Parking Lot	0.900	2780	30
	8	B1	Single	REV-RND-5-B-16LED-3K-CPL	Bollard	0.800	1532	18.1
	7	P1	Single	WF6 DREG B AL020 SWWS 90CRI 40K	Pot Light	1.000	1501	15.5
	8	W1	Single	WPCM-3L-U-40-T3	Wall Pack	0.800	3435	21
	1	W2	Single	SN805-L1LK2A-AMB	Wall Pack 2	0.800	72	6.8

3 LUMINAIRE SCHEDULE

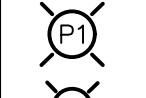
E1.1 NTS

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Max/Avg
Driveway North	Illuminance	Lux	21.34	56.2	1.2	17.78	46.83	2.63
Garden Shed	Illuminance	Lux	16.74	117.5	0.3	55.80	391.67	7.02
Parking lot East	Illuminance	Lux	18.32	55.9	1.5	12.21	37.27	3.05
Property line- lighting spill	Illuminance	Lux	0.79	1	0	N.A.	N.A.	N.A.
Ramp Calc Points	Illuminance	Lux	41.71	81.6	12.3	3.39	6.63	1.96
Side Walk West	Illuminance	Lux	11.09	42.1	0.4	27.73	105.25	3.80
SideWalk East	Illuminance	Lux	62.03	123.7	4.7	13.20	26.32	1.99
Smoking shelter West	Illuminance	Lux	21.77	114.4	0.0	N.A.	N.A.	5.25
South	Illuminance	Lux	0.13	0.6	0.0	N.A.	N.A.	6.15
Staff Parking lot	Illuminance	Lux	26.41	64.3	8.4	3.14	11.23	3.57
Walkway Building West	Illuminance	Lux	49.27	126.7	2.8	17.60	45.25	2.57
Walkway Handicapped East	Illuminance	Lux	29.15	54.9	10.1	2.89	5.44	1.88
Walkway North	Illuminance	Lux	36.24	62.6	1.2	30.20	52.17	1.73

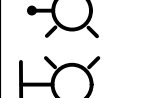
4 PHOTOMETRIC CALCULATION SUMMARY

E1.1 NTS

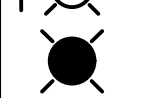
ELECTRICAL LEGEND



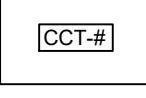
POLE LUMINAIRE TYPE P1



POLE LUMINAIRE TYPE L1



WALL MOUNTED LIGHT TYPE W1, W2

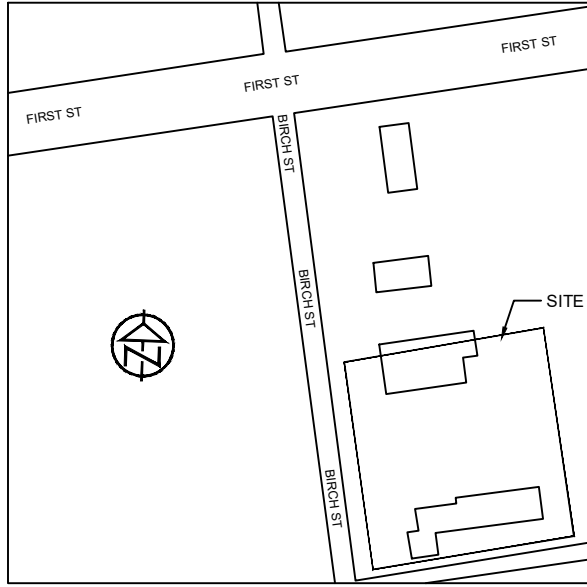


BOLLARD TYPE B1



CIRCUIT TAG

KEY PLAN



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BENCHMARKS

TBM1 - ELEVATION XXX.XXX

DESCRIPTION 1ST LINE

DESCRIPTION 2ND LINE

TBM2 - ELEVATION XXX.XXX

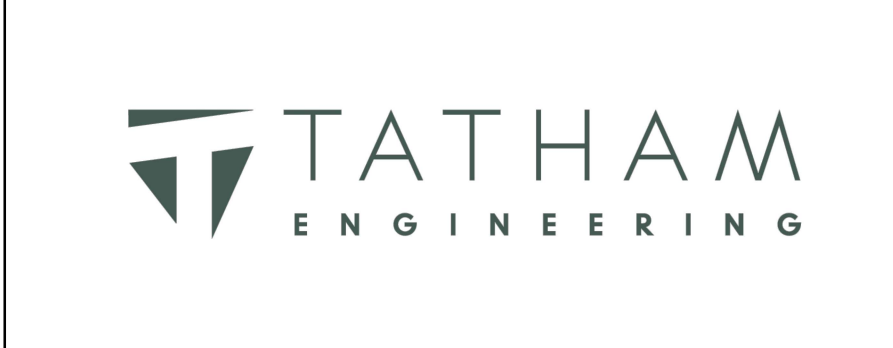
DESCRIPTION 1ST LINE

DESCRIPTION 2ND LINE

VERSION	DATE
1 ISSUED FOR PERMIT	2025 08 20
2 ISSUED FOR CLIENT REVIEW	2025 12 24

DESIGN BY RFT DRAWN BY JIT CHECKED BY SRT

STAMP



COLLINGWOOD - BRACEBRIDGE - ORILLIA - BARRIE - OTTAWA - GUELPH

PROJECT TITLE

**COLLINGWOOD MODULAR
AFFORDABLE HOUSING
29 BIRCH STREET COLLINGWOOD**

DRAWING TITLE

**PHOTOMETRIC LAYOUT AND
CALCULATION SUMMARIES**

PROJECT	SCALE	DRAWING
125100	AS SHOWN	E1.1

1 SITE PLAN - PHOTOMETRIC LAYOUT

E1.1 SCALE: 1:150



ORDERING CODE: Model No. SN805-L1K2-AMB

Material Properties:

- Corrosion resistant diecast aluminum housing.
- Integrated standard 0-10V driver.
- Precision LEDs with individual lenses for downlight asymmetric light.
- Clear tempered glass.
- Tight enclosure with durable gaskets.
- All hardware in stainless steel.

ELECTRICAL DRIVER

Standard driver is 0-10V dimming-range (rm, dim 10W) with 220-277 multi-volt compatibility, operating temperature range of -30°C~+22°F to 60°C(140°F), over current and output short circuit protection.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / BCRI.
 70W LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas.
 Wavelengths: 650nm to 620nm.

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for all extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

UL certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual lumen output may differ as a result of end-user environment and application.

"1.52x10⁻³ lux @ 1m depth @ 1 m x 1 m, 2 ft @ 1 m"

MOUNTING

Scans is designed for ease of access and installation. The mounting plate is designed to fit on a 4" (102mm) electrical box flange on 3" (89mm) C/C mounting holes.

MEASUREMENTS

Maximum weight: 3.6lbs (1.6kg)

Dimensions:
 Total height: 88.45" (2251mm)
 Mounting plate width: 2.75" (70mm)

SN805

LUMINIS.COM
 Toll free: (866) 586-4441 | Fax: (416) 463-8872 | Email: info@luminis.com
 200 Lakeshore, Pointe-Claire QC Canada H9R 5J5

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SN805 Rev. 05/2025

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FEATURES		ECCU		VOLTAGE		CONDUIT COVER							
SNBS05	Static/Mobile L1L5 95.5m / 12w L1L8 80.0m / 9w Light Output L1LKA2 127.0m / 7w	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMB Wavelengths: 620nm to 650nm		120 120V 277 277V 120VLT 120V-277V		3WK Decorative cover for 5/4" conduit (see note)							
Delivered lumens calculated at 4000K/180lm except for parties. Typical power consumption listed in L1L table for output at other CCTs.													
PHOTOCELL		FINISH		ENVIRONMENT									
PH Photocell	JET Jet black BZT Bronze CHT Champagne DGT Gun metal GST Titanium gray MST Matte silver SGT Steel gray WHT Snow white	MS Marine grade panel* NT Natriumium suitable*											
	RMC Custom matched color*												
	CLL RAL color*												
OPTION DETAILS													
								AMB True amber LED for turtle sensitive areas. It protects local habitat and promotes sustainability.					
								PH Motion-size photocell, mounted on top casted housing. Instant turn-on, standard 5-10 second turn-off time delay.					
								SNK Surface (wall) mounting option for 84" weatherproof surface junction box (D4" conduit trade size). Weatherproof junction box, conduct and connectors by others. The SNK option adds 180" to the total depth of the product. (Not ADA compliant).					
								1.65' (41mm)					
NOTES													
1. Requires a required feed 2. Available only with AMB 3. For ADA certification compliance, luminaires must be ordered with 3000K or warmer. 4. Refer to section 10.0 for more info. 5. Contact factory to coordinate custom matching color. 6. Specify IES number 7. Marine grade plate for harsh, coastal environment and exposure to salt water. Additional delay required. 8. Available only w/ 180" or 180"													
LUMINIS.COM Toll Free: (866) 266-4647 Fax: (314) 683-8872 Email: info@luminis.com 290 Lubrizol, Piquette-Claire (CC) Canada, H9B 8J2													
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SNBS05
Rev. 06/05/2025

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KEY PLAN

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AFFORDABLE HOUSING
29 BIRCH STREET COLLINGWOOD**

DRAWING TITLE

LIGHTING CUTSHEETS 2

PROJECT	SCALE	DRAWING
125100	N.T.S.	E1.3