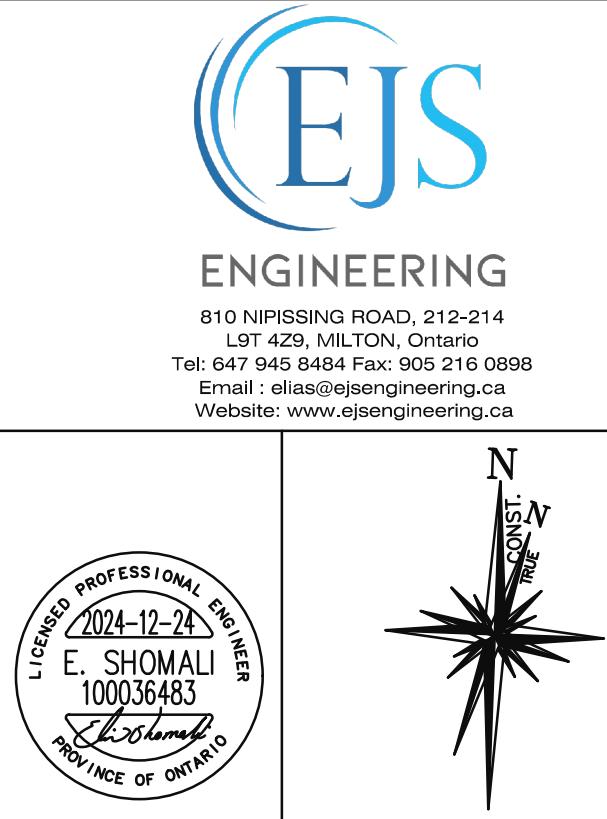


Schedule							
Symbol	Label	QTY	Manufacturer	Catalog	LLF	Total Output	Input Power
○	C	2	Lotus LED Lights	DL254-6-30W-M-A5C5-HO-16W-3000K	1	1820	15.045
Ⓐ	P1	2	RAB Design Lighting	SKY2S-LED80A40-H-VK-WA-BLK-DIM-PT2A-SP10 (40W 120V 4K)	0.9	5033	40.166
■□	P2	4	Lumecon	LDS-SAL-45-DB-T3-1-30-MAS-BL	0.9	3638	45
■□	P3	2	Lumecon	LDS-SAL-110-DB-T4-1-30-MAS-BL	0.9	6274	110
□■□	P4	3	Lumecon	LDS-SAL-60-DB-T5-1-30	0.9	16348	119.6
♀	W1	3	WISCONSIN LIGHTING LAB	NF-WCS-22-30-xx-1S	0.9	2896	22
♀	W2	6	WISCONSIN LIGHTING LAB	NF-WCS-22-30-xx-2M	0.9	2896	22
♀	W3	2	WISCONSIN LIGHTING LAB	NF-WCS-45-30-xx-4M	0.9	5929	43.7

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT	✗	1.9 fc	6.9 fc	0.3 fc	23.0:1	6.3:1
SPILL	✗	0.0 fc	0.3 fc	0.0 fc	N/A	N/A



The logo for Mataj Architects features a stylized 'M' and 'A' in black and teal, with the company name 'MATAJ ARCHITECTS' in a bold, sans-serif font below it. To the right, project details are listed: 'Project North: True North', '418 Iroquois Shore Road, Unit 100, OAKVILLE, L7M 1L2', and 'T. 905.283.1000'.

Client:
Dr. Sandra Iroaka

Project:

LUSK MEDICAL BUILDING

120 LUSK STREET
OTTAWA, ON.

OTTAWA, ON
File #: D07-12-24-0176
Plan Number #19330

Sheet Ti

SITE PLAN - PHOTOMETRICS

Design By: N.P.	Drawn By: N.P.	Approved By G.S.
Scale: AS SHOWN	Date:	Project No.: 35-24

Drawing

E102

Drawing

TYPE P2, P3, P4

Lumecon® SERIES

LDS - SAL
LED Small Area Light

Catalog Number:

Project:

Comments:

Prepared By: Date:

Description

The sleek, future design of the LDS-SAL is a blend of modern sophistication and unmatched energy efficiency. The LDS-SAL small area light includes the benefits of superior thermal efficiency, an industry-leading linear array di-ports warranty, and custom optics ensuring maximum light output, greater energy efficiency, greater lighting control, greater lighting uniformity, and lower energy usage. The LDS-SAL includes lumen packages up to 30,000 lumens, allowing one fixture to replace up to 10 fixtures. The LDS-SAL features up to 100W and is a perfect energy solution for parking lots, perimeter, temporary, and many other outdoor applications. Proudly Made in the USA.

Technical Specifications

Input Voltage: 120-277V or 347-480V

Housing: Die-cast aluminum housing with 20% gloss polyester powder coat finishes for maximum durability. The base aluminum material is prepared using an environmentally-friendly, non-chrome, 2-stage surface cleaning and passivation process. The process results in a more consistent, longer-lasting finish. The housing is designed to withstand maximum adhesion of the powder coating to the aluminum substrate. Housing features an integrated heat sink and driver compartment built into the future design.

Certification Data: ETL Listed to UL 1598, UL 8750 Wet Locations. Full compliance and test standards, UL and IEC standards for flameability, moisture resistance and thermal shock.

Mounting: Pole Mount (standard) or square / round pole (standard). Additional mounting options include a pole mounting arm adapter.

Split Circuit: Optional

Effective Projected Area (EPA): 0.83 ft²

Color Temperature: 2200K, 2700K, 3000K, 4000K (standard), 5000K

LED Lifetime: LEDs are rated for a minimum of 100,000 hours of continuous operation at ambient outdoor temperatures from -40°F/-40°C to 119°F/46°C.

CRI: Minimum of 80 or higher. CRI 90+ available upon request. CRI 90+ not available in 2700K.

Dimming: 0-10V standard dimming capability.

Custom Optics: Lumecon meticulously engineered premium optical lenses to maximize the uniformity of light while maintaining a wide beam angle. Lumec's custom lenses create a uniform, well-lit environment that mitigates illumination "hot spots" and reduces shadows in the surrounding area.

Vandal Resistant: Our lens is also designed to withstand a low compact design making the lens material dense and impact resistant. We build to withstand high abuse lighting environments.

Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our website: www.lumecon.com

DesignLights Consortium (DLC) Qualified Product: Unless noted, not all versions of this product are DLC qualified. For a complete list of Lumecon DLC Qualified Products visit: www.designlights.org

Manufactured in the USA: Manufactured and Assembled.

BABA Compliant: Made in the USA, our America 41 included in the Infrastructure Investment and Jobs Act. Public Law Number: 117-108, Title IX, Section A, Part I - Buy America Sourcing Requirements, Sections 70911-70917, stating Manufactured in the U.S. The cost of construction, production, or manufacturing in the U.S. is greater than 55 percent of the total cost of all manufactured products.

Stand-alone: The stand-alone unit is made to work with the ANSI C136.1 receptacle and will provide dimming of LED fixtures.

DesignLights Projection: Thermally protected 20KA 420A varistor type surge suppressor is included and meets ANSI C136.2-2015 Extreme Level. Also meets IEC61642-11 Class II / EN61643-11 Type 2, and US Dept of Energy MSSLC Model Spec for surge protection. The device connects in series with the luminaire input power in order to interrupt power to the luminaire when consumed protecting the LED power supply and circuit boards from additional electrical surges.

Surge Protection: Thermally protected 20KA 420A varistor type surge suppressor is included and meets ANSI C136.2-2015 Extreme Level. Also meets IEC61642-11 Class II / EN61643-11 Type 2, and US Dept of Energy MSSLC Model Spec for surge protection. The device connects in series with the luminaire input power in order to interrupt power to the luminaire when consumed protecting the LED power supply and circuit boards from additional electrical surges.

Email: sales@lumecon.com Website: www.lumecon.com Phone: 248-477-0009

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Note: Specifications and photometric data are subject to change at any time without notice.

Please see www.lumecon.com for current specifications and documentation. Item: [Lumecon_S040204](http://www.lumecon.com)

TYPE W1, W2, W3

NAFCO® PRODUCT FAMILY

Proudly engineered and manufactured in Wisconsin, USA – our NAFCO® family of LED lighting products combines 50 years of manufacturing expertise with premium components and top-notch Midwestern workmanship. From high-output outdoor applications to extreme indoor industrial environments – NAFCO® series products drastically reduce energy consumption and maintenance costs and come supported by WILL's unmatched design, engineering, and project support capabilities.

■ Output options over 30,000 lumens

■ Proprietary back enzoot heat sink for maximum thermal dissipation and low LED junction temperature

■ True Amber and Phosphor Converted (PC) Amber premium LED chip options

■ Wireless and onboard control options including motion, photo, dimming, daylight harvesting, zones, and schedules

■ Premium LED chips and optics for extreme efficiency and high-quality color rendering for a broad range of applications

■ Recessed light engine design with zero uplight rating (U0)

Wall Mount LED Lighting

NAFCO® WCX

MANUFACTURED IN WISCONSIN

WILL WISCONSIN LIGHTING LAB

TYPE P1

Project: Type: Date: Notes:

RAB DESIGN

SKY2S-LED
LED Area light

Post Top Mount

Direct Pole Mount

Surface Mount

IDEAL APPLICATIONS

Car Dealerships Parking Lots Courtyards

SPECIFICATIONS

SKY2S-LED80A40	SKY2S-LED150A100	SKY2S-LED80A40	SKY2S-LED150A100
PERFORMANCE		CONSTRUCTION	
Light Output 100000/75000/5000 lm (Lumen Selectable)	18700/15000/12500 lm (Lumen Selectable)	Housing Die-cast Aluminum	Semi-frosted polycarbonate on the lens
Efficacy 40000lm/CCT Selectable*, 3000K	125 lm/W	Lens	Weather and corrosion resistant polyester powder coat finish
CCT 4000K/5000K (CCT Selectable)*, 3000K		Paint Finish	
BEAM DISTRIBUTION		AMBIENT OPERATING TEMPERATURE	
Beam Distribution Symmetrical		-40°C to 45°C	
LED Lifetime (L70) >10,000 Hrs		MOUNTING	
CRI 80		Twin Arm (Post Top for 3" Tenon)	
B-U-G B4-U0-G3		Direct Pole Mount, Surface Mount (Canopy/Carage)	
ELECTRICAL		CERTIFICATIONS	
Wattage 80/60/40W	150/120/100W	cETLus certified as per UL1598 & CSA C22.2 NO 250.021	DLC Premium
Voltage 120-347V		CONTROLS	
Surge Protection 10kV External Standard as per UL1449		0-10V Dimming (Dim to Off)	
Power Factor 0.95		Twist lock Photocell, 3PIN, 7PIN, Microwave Motion Sensor	
THD 6.6%		PCLS (Photocell, CCT, Lumen Select)	
Supply Cord 600V, STW (5x18 AWG)			
All reported values were tested at 277V and 4000K and shown for the highest lumen setting			
Standard Configuration			
Default Setting: Highest lumen, 4000K			

RAB Design Lighting Inc. | 1-222 Islington Avenue, Toronto, ON, M8V 3W7 | 1-800-268-0381 | rabdesign.ca

04 | 2024 | 1

TYPE C

Interactive spec sheet with links to larger images and spec sheets of accessories

Light Lotus

DL254-6-30W-M-A5C5-HO
6" Round Commercial 5 CCT & 5 Wattage Selectable

Project:

Location:

Model: Qty:

Notes:

SPECIFICATION

Applications	Commercial Recessed Ceiling
Power Levels (W)	12 16 22 26 30
Light Output (lm)	2700K 3130 1760 2300 2750 3010 3000K 3150 1820 2390 2760 3200 3500K 3420 1920 2530 2920 3390 4000K 3460 1970 2580 2970 3410 5000K 3510 2020 2650 3030 3450
Color Temperature (K)	5CCT user selectable: 2700-3000-3500-4000-5000 K
Beam Angle	85°
CRI	80
Input	120V-347V AC 50/60 Hz
Dimming	0-10V
Approved Location	Insulated Ceiling & Wet Locations
Air Tight	Yes
Ambient Temperature	-41° (-40°C) to 107°F (40°C)
Projected Life	70% Light Output at 50,000 Hours
Certification	cETLus
Warranty	5 Year

Trim Options - Matte White and Alzak in stock, other trims available by custom order

White Trim White Reflector **White Trim Silver Reflector (Alzak)**

ACCESSORIES - Sold Separately. Please note that junction box is not included

Black trim cover model # LBL-6CRT-8
Silver trim cover model # LBL-6CRT-5
Goof Ring White O/D 1/2" model # LBL-6CGR-W
New Construction Mounting Plate for Stud Ceiling model # LBL-MPC-6-STUD
New Construction Mounting Plate for T-Bar Ceiling model # LBL-MPC-C6-TBAR
Emergency Driver 8W 120-347V Input model # BLD-HM08D-YYY

COMPLIANCE

Type IC & Air-Tight
Wet Location

www.lotusledlights.com
mailing addresses:
warehouses:
Lotus LED Lights USA
250 10th Street # 301, Blaine WA 98230 tel 360-200-5500
Hainesport NJ, Naples FL, Vancouver WA

www.lotusledlights.com
warehouses:
Lotus LED Lights CANADA
1080 Clivenden Ave # 8, Delta BC V4M 6G6 tel 604-538-3090
Delta BC & Mississauga ON

POLE

4000 Series Lighting Poles

POLE: (Not Welded)
Extruded aluminum high strength alloy shaft with 3000x100x100 mm yoke. Multiple internal support structure designed to increase load capacity and greatly reduce pole movement and vibrations. All exposed fasteners are stainless-steel

Standard Base: 4 Bolt cast aluminum base high strength 713 alloy, full modular 9.000" to 8.000" B.C.D. 8.250" 210mm

Optional Multi base: 4 Bolt cast aluminum base high strength 713 alloy, full modular 8.000" to 12.000" B.C.D. 11.500" 292mm

Anchor Assembly (AA8) 4 - 5/8" x 16" J-bolts c/w Wood positioning template

Series 4000 24 (24 ft) 20 (20 ft) 16 (16 ft) 10 (10 ft)

Luminaire Mounting Single (B1) Twin (B2-B9) Triple (B3) Quad (B4) Quasi (B5) T-Bar (T1) T-Bar (T2)

Color / Finish Paint: WHITE (WH) BLACK (MBK) BRONZE (BZS) SPECIAL (SPC)

Anchor Bolts AA8

Options Multi base (MBCD) High Mount Wire Hand Hole (PHH)

EPA: Wind

Height ft (m)	70	80	90	100	120	150	170	Weight lbs (kgs)
10 (3.7)	9.9	7.6	6.0	4.8	3.1	2.1	32 (10)	
16 (4.7)	6.2	4.7	3.7	3.0	1.3	1.3	44 (15)	
20 (6.1)	4.6	3.5	2.8	2.2	1.5	1.0	55 (20)	
24 (7.2)	3.8	2.9	2.3	1.9	1.3	0.8	63 (28)	

EPA calculations to AASHO with 1.3 gust factor

Certified to Canadian and US electrical safety standards for "Wet Location"

X-Tron
Poles / LED lighting

MISSISSAUGA, ONTARIO, CANADA, email: sales@xtrontpoles.com web: www.xtrontpoles.com

2024-12-24 ISSUED FOR BUILDING PERMIT

1 2024-11-19 ISSUED FOR SPA

No. Date: Issue/Revision Drawing Issues/Revisions:

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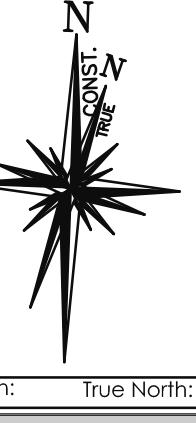
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Email: elias@ejsengineering.ca
Website: www.ejsengineering.ca

Project North: True North: 

ENGINEER STAMP Project North: True North:

MATAJ ARCHITECTS INC.
418 Iroquois Shore Road, Unit 204,
OAKVILLE, ON L6H 0X7
T: 905.281.4444

Client: Dr. Sandra Iroakazi

Project: LUSK MEDICAL BUILDING

120 LUSK STREET
OTTAWA, ON
File #: D07-12-24-0176
Plan Number #19330

Sheet Title: SITE PLAN - LIGHTING TYPES & CUTSHEETS

Design By: N.P. Drawn By: N.P. Approved By: G.S.

Scale: Date: Project No.: AS SHOWN 35-24

Drawing No: Drawing Series: E103

OT: Drawing Series: