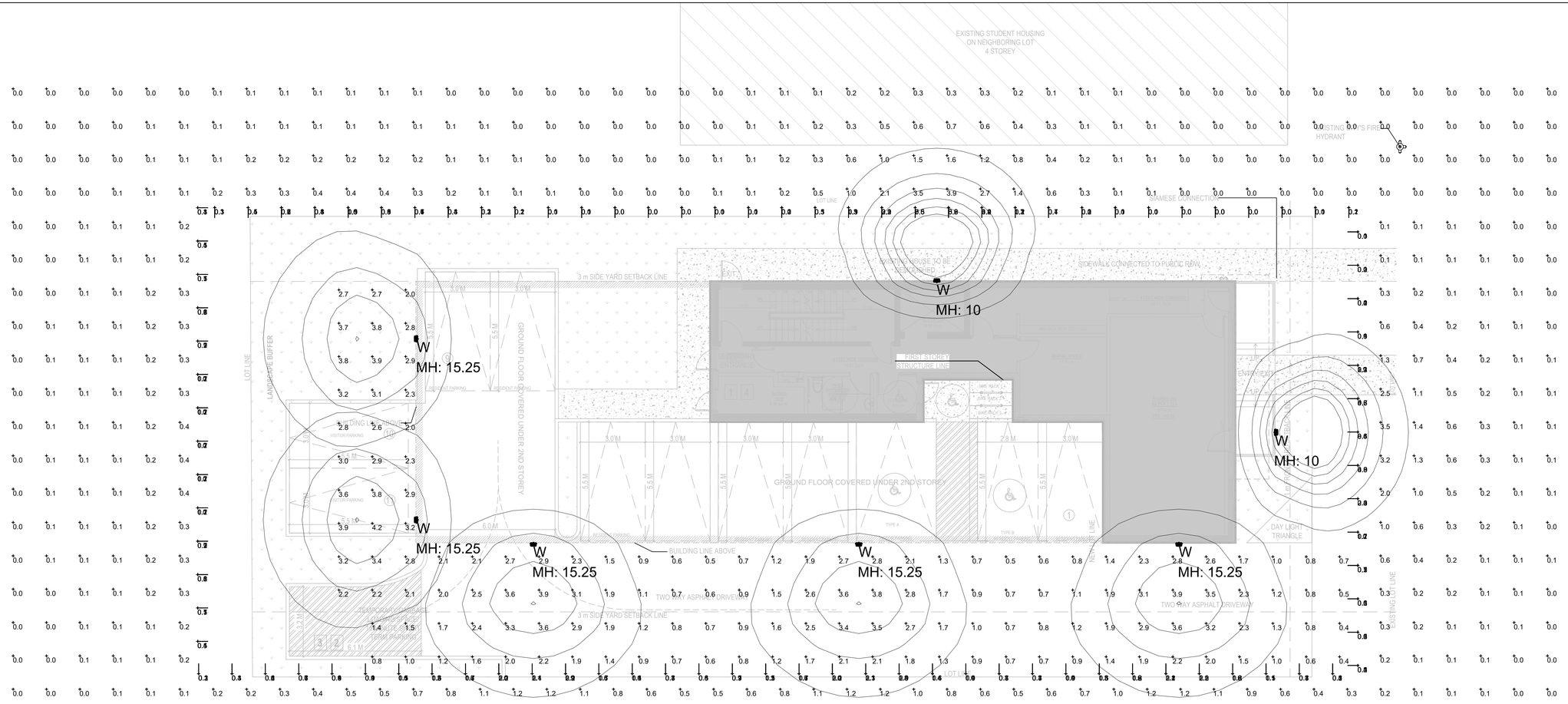


ARC1 LED

Architectural Wall Luminaire

Introduction

The Lithonia Lighting ARC LED wall-mounted luminaires provide both an architectural styling and visually comfortable illumination while providing the high energy savings and low initial costs for quick financial payback.

ARC1 delivers up to 3,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of ARC1, with its integrated emergency battery backup option, is ideal for over-the-door applications.

Specifications

Depth (D1): 4.5"
Depth (D2): 4.75"
Height: 5"
Width: 11"
Weight (without options): 7 lbs

ARC LED Family Overview

Luminaire	Standard CRI, 5°C	Cold CRI, -30°C	Approximate Lumens (4000K)				
			P1	P2	P3	P4	P5
ARC1 LED	4W	–	1,500	2,000	3,000	–	–
ARC2 LED	4W	6W	1,500	2,000	3,000	4,000	6,200

Ordering Information — EXAMPLE: ARC1 LED P2 40K MVOLT PE DDBXD

Series	Package	Color Temperature	Voltage	Options	Finish
ARC1 LED	P1 1,500 Lumens P2 2,000 Lumens P3 3,000 Lumens	30K 3000K 40K 4000K 50K 5000K	MVOLT 347	E4WH Emergency battery backup, CEC compliant (4W, 0°C min)[1] PE Photocell, button type (included for Stable operation) DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)[2] SPD20KV 20kV surge protection DBL Dual switching (light outputs shown in percentage of total lumens) for the photocell light levels, from 50% to 100%[3]	DDBXD Dark Bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DBBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.
WGRW DDBXD U Surface-mounted back box (specify finish)

NOTES
1 347V not available with EMWP.
2 PIRC1 not available with DMG.

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NOTE: EXTERIOR LIGHTING SHALL BE CONTROLLED BY PHOTOCELL WITH MANUAL OVERRIDE SWITCH.REFER TO SPECIFICATIONS FOR MORE INFORMATION. CONFIRM EXACT ELECTRICAL REQUIREMENTS WITH THE LIGHTING SUPPLIER.

ALL THE OUTDOOR LIGHT FIXTURES SHALL BE DARK SKY COMPLIANT

TRUE NORTH

PROJECTED NORTH

Luminaire Schedule

Symbol	Qty	Label	[MANUFAC]	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
⊣	7	ARC1 LED P3 30K	Lithonia Lighting	Single	ARC1 LED P3 30K	W	0.900	2859	24.5247	171.673

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
DRIVE WAY	Illuminance	Fc	2.0	4.2	0.4	4.95	10.50
LIGHT SPILL	Illuminance	Fc	0.2	3.9	0.0	N.A.	N.A.
PARKING LOT	Illuminance	Fc	1.3	2.7	0.4	3.20	6.75
PROPERTY LINE	Illuminance	Fc	0.7	9.5	0.0	N.A.	N.A.

LPD Area Summary			
Label	Area	Total Watts	LPD
LPDArea_1	28365	171.6729	0.006

FILE # PC-24-07

03	REVISED FOR SPA	2025-10-17
02	REVISED FOR SPA	2024-11-22
02	ISSUED FOR SPA	2024-05-30
01	ISSUED FOR REVIEW	2024-05-28

PROJECT NAME AND ADDRESS :
PROPOSED 5 STOREY MULTI-UNIT RESIDENTIAL AT 79 COLUMBIA ST W, WATERLOO, ON

GREEN TARGET ENGINEERING

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STAMP:

LICENSED PROFESSIONAL ENGINEER
S.M.SHAIKH
100175133
Oct 17,2025
PROVINCE OF ONTARIO

DRAWING TITLE :
OUTDOOR LIGHTING-PHOTOMETRIC

DRAWN BY	SA
CHECKED BY	SS
APPROVED BY	SS
SCALE 1:100	SIZE 36" X 24"
SHEET NO E1.0	STAGE ZBA
PHASE 00	REV R0
ISSUED DATE	2025-10-17