

PLOT DATE: 2020-08-02 09:29:50AM



LIGHTING FIXTURE SCHEDULE - PHOTOMETRIC SITE PLAN

PROJECT NAME: THE OTTAWA HOSPITAL - NEW CAMPUS DEVELOPMENT
PROJECT NUMBER: 2017-1

TYPE	VOLTAGE	COLOR TEMPERATURE	Description	LUMENS	BELIEVED LUMENS	CR	MANUFACTURER	NOTES	LOCATIONS	IMAGE
ELT-01A	120 V	3000K	ROADWAY POLE LIGHT	1200lm	1200lm	80	Cooper Lighting Solutions	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PARKING	
ELT-01B	120 V	3000K	ROADWAY POLE LIGHT	680lm	680lm	80	Cooper Lighting Solutions	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PARKING	
ELT-01C	120 V	3000K	DUAL HEAD ROADWAY POLE LIGHT	1472lm	1468lm	80	Cooper Lighting Solutions	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PARKING	
ELT-01D	120 V	3000K	DUAL HEAD ROADWAY POLE LIGHT	1472lm	1468lm	80	Cooper Lighting Solutions	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PARKING	
ELT-01E	120 V	3000K	ROADWAY POLE LIGHT	680lm	680lm	80	Cooper Lighting Solutions	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PARKING	
ELT-01A	120 V	3000K	DECORATIVE LUMINAIRE	3070lm	3271 lm	80	Sign	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PEDESTRIAN PATHWAYS	
ELT-01B	120 V	3000K	DECORATIVE LUMINAIRE	3136lm	3136 lm	80	Sign	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PEDESTRIAN PATHWAYS	
ELT-01A	120 V	3000K	16 Surface Mounted Center Light Fixture	1000lm	1000lm	80	VA Span	Mounted to Glass Canopy assembly	Main Entrance Canopy	
ELT-01B	120 V	3000K	16 Surface Mounted Center Light Fixture	1000lm	1000lm	80	VA Span	Mounted to Glass Canopy assembly	Main Entrance Canopy	
ELT-01C	120 V	3000K	16 Surface Mounted Center Light Fixture	1000lm	1000lm	80	VA Span	Mounted to Glass Canopy assembly	Main Entrance Canopy	
ELT-01A	120 V	3000K	DOWN LIGHT SURFACE MOUNT ROOF	2000lm	1467 lm	80	Cooper Lighting Solutions	Waterproof recessed in Staff Entry Canopy	EXTERIOR CANOPY	
ELT-01B	120 V	3000K	WALL MOUNT LIGHT	825lm	825lm	80	Cooper Lighting Solutions	LED Linear Lighting	LOADING DOCKS	
ELT-01C	120 V	3000K	WALL MOUNT LIGHT	1024 lm	1024 lm	80	Cooper Lighting Solutions	LED Linear Lighting	LOADING DOCKS	
ELT-01D	120 V	3000K	STEP LIGHT	565lm	545 lm	80	Sign	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PEDESTRIAN PATHWAYS	
ELT-12	120 V	3000K	SURFACE MOUNTED DOWNLIGHT	1028lm	1028 lm	80	Sign	100mm Crown Base to Allow for Lighting and Full Cut Off Optics	ROADWAYS/PEDESTRIAN PATHWAYS	
ELT-13	120 V	3000K	COMPACT LINEAR LED LIGHTING	483 lm	483 lm	80	LED Linear Lighting Solutions	Mounted to Site Canopy Columns	VERTICAL COLLING	
LK3	120 V	3000K	PARKING GARAGE LIGHT	684lm	6615lm	80	LITEXA LIGHTING	LED Strip	BICYCLE PARKING	

Calculation Results

Description	Min	Max	Average	Mean/Min
1.1 Road - Emergency Garage out (East)	19.0 lx	38.7 lx	21.8 lx	1.85
1.2 Road - Emergency Garage In (West)	11.0 lx	38.4 lx	20.4 lx	2.37
1.3 Road - Main Plaza (West)	6.77 lx	36.1 lx	16.1 lx	2.37
1.4 Road - Main Plaza In (West)	7.05 lx	36.3 lx	17.7 lx	2.51
1.5 Road Street D	8.65 lx	24.2 lx	14.5 lx	1.68
1.6 Road Street A	4.65 lx	22.8 lx	12.6 lx	2.71
1.7 Road Street B	1.24 lx	35.0 lx	15.3 lx	10.70
1.8 Road B, Road L Intersection	4.65 lx	22.1 lx	12.2 lx	2.62
1.9 Road Street L	4.51 lx	26.8 lx	12.2 lx	2.71
1.10 Road A, Road B Intersection	9.56 lx	49.4 lx	19.2 lx	2.07
1.11 Road Street E	0.68 lx	40.2 lx	13.5 lx	19.90
2.1 Vehicle Pathway - Main Plaza	5.00 lx	154 lx	17.4 lx	3.24
2.2 Vehicle Pathway - Zone 4, SB Parking	6.13 lx	33.3 lx	17.4 lx	2.84
2.3 Vehicle Pathway - Zone SB Parking	6.72 lx	29.5 lx	12.6 lx	1.88
2.4 Vehicle Pathway - Zone 1 Parking	5.09 lx	27.8 lx	11.7 lx	2.06
2.5 Vehicle Pathway - Loading Docks Area	3.59 lx	31.7 lx	11.1 lx	3.09
2.6 Vehicle Pathway - Road South 01	9.08 lx	24.7 lx	6.13 lx	2.10
2.7 Vehicle Pathway - Zone 4 Parking	6.44 lx	16.4 lx	9.10 lx	1.86
2.8 Vehicle Pathway - Road D	5.43 lx	44.1 lx	13.0 lx	2.14
2.9 Vehicle Pathway - Road A West	4.76 lx	28.4 lx	14.4 lx	3.03
2.10 Vehicle Pathway - Road E South 02	6.03 lx	38.1 lx	12.0 lx	1.99
3.1 Sidewalk - To Ramp Emergency Garage In	1.47 lx	37.8 lx	22.1 lx	1.50
3.2 Sidewalk - Loading Docks 01	1.17 lx	60.5 lx	8.4 lx	8.04
3.3 Sidewalk - Zone SA Parking	5.02 lx	27.2 lx	14.7 lx	2.66
3.4 Sidewalk - Zone 1 Parking	7.92 lx	14.7 lx	10.2 lx	1.29
3.6 Sidewalk - Road D	1.15 lx	1022 lx	44.8 lx	39.0
4.1 Parking Slot - Zone 4, 6 Parking	6.17 lx	12.2 lx	8.04 lx	1.30
4.2 Parking Slot - Zone SA Parking	7.12 lx	17.0 lx	9.93 lx	1.39
4.3 Parking Slot - Zone SB, 1 Parking	6.65 lx	10.8 lx	7.52 lx	1.13
4.4 Parking Slot - Zone 3 Parking	6.07 lx	20.3 lx	13.0 lx	2.14
4.5 Parking Slot - Zone SB, 3 Parking	8.07 lx	26.3 lx	15.8 lx	1.96
4.6 Parking Slot - Zone 4, 4 Parking	10.1 lx	20.0 lx	15.0 lx	1.54
4.7 Parking Slot - Zone SB, 5 Parking	6.69 lx	11.0 lx	7.94 lx	1.19
4.8 Parking Slot - Zone 4, 5 Parking	9.03 lx	20.0 lx	16.5 lx	2.03
4.9 Parking Slot - Zone 4, 4 Parking	4.04 lx	10.8 lx	6.55 lx	1.62
4.10 Parking Slot - Zone 4, 3 Parking	11.0 lx	21.7 lx	16.4 lx	1.49
4.11 Parking Slot - Zone 4, 2 Parking	7.89 lx	19.0 lx	15.1 lx	1.91
4.12 Parking Slot - Zone 2 Parking	7.02 lx	27.8 lx	13.8 lx	1.97
4.13 Parking Slot - Zone 1, Shuttle Parking	5.86 lx	9.93 lx	7.40 lx	1.26
4.14 Parking Slot - Zone 1, 6 Parking	3.42 lx	13.8 lx	5.55 lx	1.62
4.15 Parking Slot - Road E, 1 Parking	17.2 lx	27.3 lx	20.8 lx	1.20
4.16 Parking Slot - Zone 1, 3 Parking	19.0 lx	20.8 lx	16.7 lx	1.28
4.17 Parking Slot - Zone 1, 4 Parking	4.98 lx	16.1 lx	7.80 lx	1.60
4.18 Parking Slot - Zone SB, 2 Parking	10.6 lx	17.0 lx	13.8 lx	1.30
4.19 Parking Slot - Shuttle/Entrance Parking	6.79 lx	20.3 lx	15.0 lx	2.27
4.20 Parking Slot - Zone 1, 2 Parking	10.6 lx	18.3 lx	13.6 lx	1.28
4.21 Parking Slot - Zone 1, 1 Parking	5.42 lx	11.2 lx	7.01 lx	1.29
4.22 Parking Slot - Zone 1, 5 Parking	8.07 lx	17.1 lx	13.1 lx	1.46
5.1 Accessible Parking - Zone SB Parking	10.4 lx	16.4 lx	13.0 lx	1.20
5.2 Accessible Parking - Zone 2 Parking	6.52 lx	16.7 lx	10.5 lx	1.61
5.3 Accessible Parking - Zone 1 Parking	5.57 lx	10.3 lx	7.02 lx	1.28
5.4 Accessible Parking - Zone 4 Parking	8.53 lx	16.1 lx	11.7 lx	1.74
6.1 Pedestrian Pathway - To Dining Terrace	18.1 lx	43.8 lx	29.0 lx	1.60
6.2 Pedestrian Pathway - Pavilion	8.23 lx	47.2 lx	21.5 lx	2.61
6.3 Pedestrian Pathway - Road A West	4.50 lx	25.3 lx	10.3 lx	2.29
6.4 Pedestrian Pathway - Showcol Steps Tower B	6.41 lx	12.9 lx	9.70 lx	1.51
6.5 Pedestrian Pathway - Main Plaza - Tower B	5.51 lx	19.0 lx	10.5 lx	3.94
6.7 Pedestrian Pathway - Main Plaza - Tower A	3.22 lx	80.8 lx	15.5 lx	4.81
6.8 Pedestrian Pathway - Zone SB Parking	5.81 lx	19.1 lx	12.0 lx	5.27
6.9 Pedestrian Pathway - South Entrance	1.55 lx	40.8 lx	9.27 lx	5.88
6.10 Pedestrian Pathway - Zone 4	6.08 lx	21.2 lx	12.5 lx	2.06
6.11 Pedestrian Pathway - Checkpoint	2.89 lx	44.2 lx	20.1 lx	6.56
6.12 Pedestrian Pathway - Healing Garden Area	6.54 lx	54.6 lx	20.9 lx	3.20
6.13 Pedestrian Pathway - West Area	0.95 lx	116 lx	22.7 lx	23.9
6.14 Pedestrian Pathway - Road A East	7.14 lx	33.8 lx	15.7 lx	2.20
6.15 Pedestrian Pathway - Emergency Exit - Staff Entry	3.23 lx	84.0 lx	13.4 lx	4.15
7.1 Secondary Entrance - Tower B North	30.0 lx	60.0 lx	42.1 lx	1.41
7.2 Secondary Entrance - Stairs 02 (South)	102 lx	120 lx	111 lx	1.09
7.3 Secondary Entrance - Stairs 01 (South)	134 lx	201 lx	165 lx	1.23
7.4 Secondary Entrance - East Entrance 02	28.5 lx	66.4 lx	47.4 lx	1.66
7.5 Secondary Entrance - Tower A West	72.8 lx	72.8 lx	72.8 lx	1
7.6 Secondary Entrance - Tower A Secondary Entrance 01	53.4 lx	53.4 lx	53.4 lx	1
7.7 Secondary Entrance - Tower A Secondary Entrance 02	53.2 lx	53.2 lx	53.2 lx	1
7.8 Secondary Entrance - Loading Dock 01	42.9 lx	47.1 lx	45.0 lx	1.06
7.9 Secondary Entrance - East Entrance	8.79 lx	19.0 lx	86.4 lx	9.93
7.10 Secondary Entrance - Loading Dock	88.7 lx	88.7 lx	88.7 lx	1
7.11 Secondary Entrance - Pavilion by Terrace	30.0 lx	60.0 lx	42.1 lx	1.41
7.12 Secondary Entrance - Emergency Exit and Staff Entrance	43.3 lx	63.8 lx	53.7 lx	1.24
8.1 Main Entrance - Tower B	79.9 lx	303 lx	229 lx	2.88
8.2 Main Entrance - Tower A	7.32 lx	26.7 lx	21.1 lx	2.88
8.3 Main Entrance - Staff Entrance West	89.2 lx	335 lx	204 lx	3.39
8.4 Main Entrance - South Entrance	73.5 lx	163 lx	134 lx	1.82
8.5 Main Entrance - Pavilion by Terrace	71.8 lx	130 lx	88.7 lx	1.58
9.1 Ramp to Underground Parking - Emergency Garage In	16.2 lx	89.3 lx	57.7 lx	3.44
9.2 Ramp to Underground Parking - Emergency Garage Out	16.5 lx	77.1 lx	50.1 lx	4.77
10.1 Bicycle Pathway - To Dining Terrace	8.63 lx	36.4 lx	19.5 lx	2.26
10.2 Bicycle Pathway - Pavilion	6.88 lx	34.4 lx	16.9 lx	2.46
10.3 Bicycle Pathway - Road A	5.31 lx	24.8 lx	14.1 lx	2.66
10.4 Bicycle parking zone	2.71 lx	1173 lx	141 lx	63.8
11.1 Crosswalk - Road A 01	10.5 lx	22.6 lx	15.3 lx	1.46
12.1 Dining Area - Terrace Tower B	3.87 lx	158 lx	46.5 lx	12
12.2 Healing Garden Area	8.92 lx	541 lx	56.8 lx	6.37
13.1 Loading Docks Area	13.0 lx	404 lx	101 lx	7.77

**THE OTTAWA HOSPITAL
NEW CAMPUS
DEVELOPMENT -
PHASE 4 MAIN HOSPITAL
BUILDING**

900 CARLING AVE. OTTAWA, ONTARIO

CLIENT: The Ottawa Hospital | Hôpital d'Ottawa

INFRASTRUCTURE ONTARIO

PCL CONSTRUCTION | EllisDon

CLIENT PROJECT NO: 1070002

KEY PLAN: TRUE NORTH, PROJECT NORTH

REVISIONS:

DRAWING STATUS: NOT FOR CONSTRUCTION

DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. ONLY FIGURED DIMENSIONS ARE TO BE USED. DRAWINGS MUST CHECK ALL DIMENSIONS ON SITE. THIS CONTRACTOR IS PROTECTED BY COPYRIGHT.

ALL DIMENSIONS ARE SHOWN IN METRIC.

AUTHOR: MULVEY & BANANI

PROJECT TEAM:

DESIGN BUILDER: POLAR A JOINT VENTURE

ARCHITECT: MULVEY & BANANI ARCHITECTS LIMITED

STRUCTURAL: STEPHENSON ENGINEERING LTD. / SOUTHLEITE PARQ/EA INC.

MECHANICAL: HR ANGLIS & ASSOCIATES LTD. / CROSSBY ENGINEERS LTD.

ELECTRICAL: MULVEY & BANANI INTERNATIONAL INC.

CIVIL: HERGENROT DESIGN INC.

LANDSCAPE: PWP LANDSCAPE ARCHITECTURE

BUILDING CODE: UMO BUILDING CODE CONSULTANTS LTD.

AUTHOR PROJECT NO: 2233-00

STAMP: [Blank Stamp Area]

DRAWING TITLE: LEVEL 1 - PHOTOMETRIC SITE PLAN

DRAWN: [Blank] CHECKED: [Blank]

SCALE AT 40' x 60': 1 : 750 DATE: 01/08/25

GRAPHIC SCALE: [Blank] SCALE IN METERS: [Blank]

DRAWING NO: E1-201 REV NO: 06