



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH PROJECT SPECIFICATION(S) & ALL OTHER CONTRACT DOCUMENTATION & DRAWINGS AS ISSUED BY THE ARCHITECT, STRUCTURAL ENGINEER & CONSULTING ENGINEERS.
- ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
- THE CONTRACTOR SHALL NOTE THAT THIS DRAWING IS INDICATIVE AND ILLUSTRATES DESIGN INTENT ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN AND COORDINATION WITH THE STRUCTURE AND OTHER SERVICES.
- ANY DISCREPANCIES, ERRORS OR OMISSIONS ARE TO BE CLARIFIED WITH THE RELEVANT ENGINEER AT THE EARLIEST OPPORTUNITY.
- ALL WORKS ARE TO BE IN ACCORDANCE WITH THE CURRENT RELEVANT REGULATIONS, BUILDING REGULATIONS, STANDARDS, ACCEPTED CODES OF PRACTICE & TRADE ASSOCIATION REQUIREMENTS.
- IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO LIAISE WITH THE MAIN CONTRACTOR & ALL OTHER TRADES TO ENSURE THE CO-ORDINATION OF WORKS TO SUIT PROGRAM CONTRACTS & AVOID CLASHES.
- USE OF MILING TOOL REQUIRED FOR PUBLIC LIGHTING DUCTING WITHIN TREE ROOT PROTECTION ZONES. PUBLIC LIGHTING DUCTING TO BE LAID AT 800-900MM WITHIN TREE ROOT PROTECTION ZONES.
- AS PER CORK CITY COUNCIL REQUIREMENTS, NO NEW TREES MAY BE PLANTED WITHIN 10 METERS OF EXISTING/NEW PUBLIC LIGHTING COLUMNS.

LEGEND

Pedestrian paths
Results - Horizontal Illuminance (lux)
E_{avg}= 4.04
E_{min}= 0.84
E_{max}= 10.51
E_{min}/E_{max}= 0.08
E_{min}/E_{avg}= 0.21
E_{max}/E_{avg}= 2.60

Branch roads
Results - Horizontal Illuminance (lux)
E_{avg}= 3.53
E_{min}= 1.29
E_{max}= 13.35
E_{min}/E_{max}= 0.10
E_{min}/E_{avg}= 0.32
E_{max}/E_{avg}= 2.29

Main road
Results - Horizontal Illuminance (lux)
E_{avg}= 17.77
E_{min}= 7.49
E_{max}= 28.23
E_{min}/E_{max}= 0.26
E_{min}/E_{avg}= 0.43
E_{max}/E_{avg}= 1.63

Spine road
Results - Horizontal Illuminance (lux)
E_{avg}= 8.68
E_{min}= 1.73
E_{max}= 20.31
E_{min}/E_{max}= 0.09
E_{min}/E_{avg}= 0.20
E_{max}/E_{avg}= 2.34

Ecological sensitive area
Results - Horizontal Illuminance (lux)
E_{avg}= 1.01
E_{min}= 0.26
E_{max}= 4.72
E_{min}/E_{max}= 0.05
E_{min}/E_{avg}= 0.22
E_{max}/E_{avg}= 4.70

Ecological sensitive area vertical surface 1
Results - Horizontal Illuminance (lux)
E_{avg}= 0.44
E_{min}= 0.37
E_{max}= 0.50
E_{min}/E_{max}= 0.73
E_{min}/E_{avg}= 0.83
E_{max}/E_{avg}= 1.14

Luminaire Data
Luminaire A TRSA-02-200-8L30836W Lamp 161u8L36V3K MF 0.80
Luminaire B TRSA-02-200-4L30819W Lamp 81u4L19V3K MF 0.80
Luminaire C UMNA-2-200-5L-30715W Lamp 1405L15W3K MF 0.80
Luminaire D TRSA-02-SCP-2L30836W Lamp 40u2L6V3K MF 0.80
Luminaire E TRMA-02-20015L30869W Lamp 32L15L6V30K MF 0.80

Key
● Luminaire A Column
● Luminaire B Column
● Luminaire C Column
● Luminaire D Column
● Luminaire E Column
○ Beam Aiming Target
□ Photometric Centre

D08	12.12.24	ISSUED FOR INFORMATION	MOC	MOS
D07	04.12.24	ISSUED FOR INFORMATION	MOC	MOS
D06	25.11.24	ISSUED FOR INFORMATION	MOC	MOS
D05	21.11.24	ISSUED FOR INFORMATION	MOC	MOS
D04	14.11.24	ISSUED FOR INFORMATION	MOC	MOS
D03	26.08.24	ISSUED FOR INFORMATION	MOC	MOS
D02	25.07.24	ISSUED FOR INFORMATION	MOC	MOS
D01	07.03.24	ISSUED FOR INFORMATION	MOC	MOS
Rev	Date	Description	Orig	App

Client

LAND DEVELOPMENT AGENCY

Name of
Job

LDA WILTON, SARSFIELD ROAD LRD

Title of Drawing

PUBLIC LIGHTING LAYOUT

Drawing No:

C23024-EDC-XX-XX-DR-E-3000

Scale @ A1	Model Manager	Project Manager	Status	Revision
1:500	EB	MOS	P1	D08

EDC

Mechanical & Electrical Consulting Engineers
Cork Office
Tel: +353 (0)21 4280476, email: info@edcengineers.com
Dublin Office
Tel: +353 (0)1 5313693, email: info@edcengineers.com
London Office
Tel: +44 (0)203 0940062, email: info@edcengineers.com
www.edcengineers.com

THIS DRAWING IS THE PROPERTY OF E.D.C. AND SHALL NOT BE USED, REPRODUCED OR DISCLOSED TO ANYONE WITHOUT THE PRIOR WRITTEN PERMISSION OF E.D.C. AND SHALL BE RETURNED UPON REQUEST.

