



24462-MWP-02-ZZ-DR-C-5031 - SHEET 1

24462-MWP-02-ZZ-DR-C-5032 - SHEET 2

24462-MWP-02-ZZ-DR-C-5033 - SHEET 3

NOTES: LUMINARIES ALIGNMENT

SYMBOL INDICATES THE "REFLECTOR ALIGNMENT AXIS" PERPENDICULAR TO THE FLAT FACE OF THE MAIN REFLECTOR AND THE POSITION OF THE INTERNAL OVERSPILL SHIELD (WHERE FITTED).

LIGHTING EQUIPMENT

4No ADDITIONAL NEW 28m MASTS FLOODLIGHTS

P1 - 4x (LED 5700K-75CRI) TLC-LED-1200 (Avg. WATTAGE 1053 W)

M9, M10 & M11 - 5x (LED 5700K-75CRI) TLC-LED-1200 (Avg. WATTAGE 1053 W)

2No MODIFIED 28m MASTS ADDITIONAL FLOODLIGHTS

HML 4 - 1x (LED 5700K-75CRI) TLC-LED-1200 (Avg. WATTAGE 1053 W)

HML 15 - 2x (LED 5700K-75CRI) TLC-LED-1200 (Avg. WATTAGE 1053 W)

LAMPS

TLC-LED-1200 (130,000 IN LM)

ILLUMINANCE LEVELS

LIGHTING MASTS AND COLUMNS WILL BE POSITIONED TO PROVIDE THE FOLLOWING ILLUMINATION LEVELS

GENERAL TERMINAL / CIRCULATION AREAS 30-60Lux
ACCESS ROAD 20Lux (AVERAGE)

KEY:

ABACUS TRIVIUM 2 LANTERN COMPLETE WITH 250W LAMP BOTTOM ENTRY MOUNTED ON FABRIKAT 10M COLUMN OR SIMILAR

28m FLOODLIGHTING MAST

ROAD LIGHTING

DESIGNED TO MEET THE REQUIREMENTS OF BS EN 13201: 2015 LIGHTING CLASS ME3b TO PROVIDE AVERAGE MAINTAINED LUMINANCE ON ROAD OF 1.0cd/m², WITH A MINIMUM OF 40% OVERALL UNIFORMITY AND 60% LONGITUDINAL UNIFORMITY.

ROUNDBOUT AND JUNCTION LIGHTING

DESIGNED TO MEET THE REQUIREMENTS OF BS EN 13201: 2015-1 LIGHTING CLASS CE2 TO PROVIDE MINIMUM MAINTAINED OF 20LUX AND A MINIMUM OF 40% OVERALL UNIFORMITY.

GENERAL NOTES:

- THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNER'S PERMISSION.
- ALL DIMENSIONS ARE IN MILLIMETRES (UNLESS NOTED OTHERWISE).
- DRAWINGS ARE NOT TO BE SCALED.
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE RELEVANT PROJECT SPECIFICATION AND ALL OTHER RELEVANT CONTRACT DOCUMENTATION.
- ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- EXCEPT WHERE OTHERWISE STATED, ALL LEVELS ARE IN METERS, RELATED TO ORDNANCE DATUM MALIN (ODM).
- MAPS ARE PRODUCED USING OSI MAPPING.
- CYAL50399548 © Taille Éireann - Surveying
- [**m O.D.] REFER TO LEVELS AT ORDNANCE DATUM MALIN
- [**mCD] REFER TO LEVELS TO CHART DATUM

ORDNANCE DATUM MALIN [O.D.]

2.67m

CHART DATUM [C.D.]

ORDNANCE DATUM POOLBEG

0.13m

P02 107 02 25	ISSUED FOR PLANNING	JRC	MF
P01 133 01 25	ISSUED FOR INFORMATION	JRC	MF
REV	DATE	DESCRIPTION	BY APP

PROJECT: RINGASKIDDY PORT REDEVELOPMENT - PLANNING

TITLE: PROPOSED LIGHTING LAYOUT KEY PLAN

CLIENT:



DEEPWATER MULTI-MODAL PORT

MWP
ENGINEERING AND ENVIRONMENTAL CONSULTANTS

CORK | TRALEE | LONDON | LIMERICK
mwp.ie

DRAWN: JRC	CHECKED: EL	APPROVED: MF
------------	-------------	--------------

PROJECT NUMBER: 24462	DATE: DEC 2024	SCALE @ A1: 1:2500
-----------------------	----------------	--------------------

STATUS DESCRIPTION: FOR APPROVAL	STATUS: S4
----------------------------------	------------

DRAWING NUMBER: 24462-MWP-02-ZZ-DR-S-5030	REV: P02
---	----------

10m 50m 100m 200m

SCALE 1:2500 @ A1