



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RISKS (REFERENCE SHALL ALSO BE MADE TO THE DESIGN RISK ASSESSMENT)

1. NOT FOR CONSTRUCTION - PLANNING PURPOSES ONLY

SYMBOL QUANTITY - #S REFER TO ALL PLANS

7

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE

COLUMN:	10m TUBULAR GALVANISED STEEL LIGHTING COLUMN AS PER EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13/1)
LANTERN:	PHILIPS LUNA FINISHED RAL7035
LIGHT SOURCE:	40 LED 3000K WARM WHITE
OUTPUT:	10,000lm
OPTIC:	DM/L
LANTERN MOUNTING:	POST TOP
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER ECC SPECIFICATION
ISOLATOR:	DOUBLE POLE 25kV ISOLATOR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION
SWITCHING:	7 PIN NEMA SOCKET WITH TENSERA 5 PIN TELECEL REF: T21EN-G-3 REFER TO TENSERA NOTES BELOW FOR DETAILS REGARDING TENSERA ID LABELS.
SUPPLY:	TBC

14 (7)

PROPOSED COLUMN AND LANTERN - SPEC TRC AT DETAILED DESIGN STAGE

COLUMN: 10MM TUBULAR GALVANNESED STREET LIGHTING COLUMN AS PER EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.1)
PHILIPS LUMA FINISHED RAL7035
20 LED 3000K WARM WHITE
15.5klm
DW50 BLK (BACK LIGHT SHIELDING)
POST TOP
0"
LED DRIVER AS PER ECC SPECIFICATION
DOUBLE POLE 25K ISOATOR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION
7 PIN NEMA SOCKET WITH TELENESA 5 PIN TELECELL REF: T12EN-G-3 REFER TO TELENESA NOTES BELOW FOR DETAILS REGARDING TELENESA ID LABELS.
TEC

L# 2

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE

COLUMN:	5m DW WINDSOR CARDIFF COLUMN - FACTORY FINISHED BLACK RAL9005
LANTERN:	DW WINDSOR STREET FACTORY FINISHED BLACK RAL9005
LIGHT SOURCE:	16 LED 3000K WARM WHITE
OUTPUT:	1.20klm
OPTIC:	A1
LANTERN MOUNTING:	POST TOP
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER
ISOLATOR:	DOUBLE POLE 25A ISOLATOR
SWITCHING:	MINIATURE PHOTOCELL 35/18 ON/OFF
SUPPLY:	TBC

L#  4

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE

COLUMN:	6m TUBULAR GALVANISED STEEL RASE AND LOWER LIGHTING COLUMN AS PER BS EN40 AND EC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13/1)
LANTERN:	PHILLIPS LUMA FINISHED RAL7035
LIGHT SOURCE:	6 LED 3000K WARM WHITE
OUTPUT:	2.00Kw
OPTIC:	DN09 B.L.1 (BACK LIGHT SHIELDING)
LANTERN MOUNTING:	POST TOP
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER EC SPECIFICATION
ISOLATOR:	DOUBLE POLE 25A ISOLATOR AS PER EC HIGHWAYS STREET LIGHTING SPECIFICATION
SWITCHING:	16mm NEMA SOCKET WITH TELENESA 5 Pm TELECELL REF: T21EN-G-3 REFER TO TELENESA NOTES BELOW FOR DETAILS REGARDING TELENESA ID LABELS.
SUPPLY:	TBC

L# 4

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE

COLLUMIN:	EN40 AND EC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13.1) - INACCESSIBLE UNITS TO BE RAISE AND LOW
LANTERN:	PHILLIPS LUMA FINISHED RAL7035
LIGHT SOURCE:	20 LED 3000K WARM WHITE
OUTPUT:	5,200lm
OPTIC:	DW52
LANTERN MOUNTING:	POST TOP
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER ECX SPECIFICATION
ISOLATOR:	DOUBLE POLE 25A ISOLATOR AS PER ECX HIGHWAYS STREET LIGHTING SPECIFICATION
SWITCHING:	7 PIN NEMA SOCKET WITH TELENESA 5 PIN TELECEL REF: T21EN-G-3 REFER TO TELENESA NOTES BELOW FOR DETAILS REGARDING TELENESA ID LABELS.
SUPPLY:	TBC

PROPOSED COLUMN AND LANTERN - SPEC TBC AT DETAILED DESIGN STAGE

COLLUM:	EN40 AND ECC HIGHWAYS STREET LIGHTING SPECIFICATION (APPENDIX 13/1)
LANTERN:	PHILIPS LUMA FINISHED RAL7035
LIGHT SOURCE:	20 LED 3000K WARM WHITE
OUTPUT:	2.60lm
OPTIC:	DM10 BL (BACK LIGHT SHIELDING)
LANTERN MOUNTING:	POST TOP
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER ECC SPECIFICATION
ISOLATOR:	DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION
SWITCHING:	7 PIN NEMA SOCKET WITH TELENESA 5 PIN TELECELF. REF: T21EN-G-3 REQUIRED TO TELSNA NOTES BELOW FOR DETAILS REGARDING TELENESA ID LABELS.
SUPPLY:	TBC

PROPOSED COLUMN


COLUMN: 8m TUBULAR GALVANISED STEEL RAISE AND LOWER LIFT
COLUMN AS PER BS EN40 AND ECC HIGHWAYS STREET

LANTERN:	SPECIFICATION (APPENDIX 13.1)
LIGHT SOURCE:	PHILIPS LUMA FINISHED RAL7035
OUTPUT:	20 LED 3000K WARM WHITE
OPTIC:	5.20lmm
LANTERN MOUNTING:	DWSO BL2 (BACK LIGHT SHIELDING)
LANTERN INCLINATION:	0°
CONTROL GEAR REF:	LED DRIVER AS PER ECC SPECIFICATION
ISOLATOR:	DOUBLE POLE 25A ISOLATOR AS PER ECC HIGHWAYS STREET LIGHTING SPECIFICATION
SWITCHING:	7 PIN NEMA SOCKET WITH TELSENA 5 PIN TELECEL REF: T21EN-G-3 REFER TO TELSENA NOTES BELOW FOR DETAILS REGARDING TELSENA ID LABELS.
SUPPLY:	TBC
LIGHTING CALCULATION DETAILS:	

TARGET LIGHTING CLASS(ES): C3 (ROUNDBOULT ACCESS), P3 (SPINE ROADS), P4 (ADOPTABLE SIDE STREETS) AND P5 (PRIVATE AREAS) FOLLOWING BS5489-1:2020.

LEVELS ACHIEVED:
REFER TO LIGHTING CALCULATION REPORTS.

LUX CONTOUR LINES - SET AT 'DAY 1' VALUES:

SYMBOL	DESCRIPTION
	0.60 LUX CONTOUR LINE
	1.00 LUX CONTOUR LINE
	1.50 LUX CONTOUR LINE

NOTES:

R2	REVISED BASE LAYOUT	PW	16.02.24
R1	REVISED BASE LAYOUT	PW	06.09.23
R0	FIRST ISSUE	PW	24.08.23
REV:	DESCRIPTION:	BY:	DATE:

STATUS

PLANNING

Williams Lighting Consultants Ltd.



SITE: **OFFICERS' MEADOW
SHENFIELD**

TITLE: **INDICATIVE LIGHTING
STRATEGY (PLAN) SHEET 3 OF 3**

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:500	24.08.23	PW	LD

PROJECT NO:	DRAWING NO:	REVISION:
WL C654	WL C654-I S-003	B2