



DO NOT SCALE - IF IN DOUBT ASK

NOTES

1. A LIGHTING LEVEL OF 10 LUX IS THE MINIMUM AVERAGE LUX LEVEL REQUIRED FOR A PEDESTRIAN WALKWAY.
2. THE MINIMUM LUX LEVELS FOR EXTERNAL AREA SHALL BE AS PER TABLE 1.
3. FOR POSITIONING OF LUMINAIRES ON EQUIPMENT, WALKWAYS, PLATFORMS AND STAIRWAYS USE 3D MODEL.
4. THE INSTALLATION SHALL BE DESIGNED TO AVOID LIGHT POLLUTION BEYOND THE SITE BOUNDARY AND UPWARDS INTO SURROUNDING ATMOSPHERE. A LIGHT POLLUTION ASSESSMENT SHALL BE PERFORMED PRIOR TO AND POST CONSTRUCTION.
5. WELFARE / OFFICE BUILDING LIGHTING TO BE COVERED BY BUILDING SERVICES SUPPLIER.

LEGEND

- 10 LUX LEVEL
- 20 LUX LEVEL
- 30 LUX LEVEL
- 50 LUX LEVEL
- 100 LUX LEVEL
- 150 LUX LEVEL
- 200 LUX LEVEL

REFERENCE DRAWINGS:

BARRY_01_SCH_18_60050 - LIGHTING SPECIFICATION
 BARRY_01_DWG_18_60070 - LV DISTRIBUTION BOARDS SLD
 BARRY_01_DWG_01_20191 - 3D MODEL

TABLE 1

Type of Task/Location	Em, (Lx)
Minor roads and pedestrian walkways between plant areas	10
Plant Areas - general, major roads and car parks	20
Areas surrounding outdoor switchgear and transformers	30
Walkways, platforms, gantries and stairways, (associated with plant areas), Vehicle Turning Area	50
Plant Areas - task lighting, Turbine Hall Basement, working areas, Air Cooled Condenser	100
Fuel Handling Building, Loading Bay	150
Indoor substations, switchrooms and fire pump house, Turbine Hall Operating Floor	200

Rev	Date	Description	By	Chk	App
C	13.10.17	RE-ISSUED FOR APPROVAL	TD	MDC	CP
B	23.01.17	FOR APPROVAL	TD	MDC	CP
A	04.05.16	FIRST ISSUE	DO	MDC	CP

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PROJECT
 BARRY - BIOMASS UK No 2 LIMITED

TITLE
 GENERAL SITE & PROCESS AREAS
 LUX LEVELS LIGHTING LAYOUT

SCALE	DRAWING SIZE	DRAWN
NTS	A1	DO

DRAWING No. BARRY_01_DWG_18_60321 REV. C