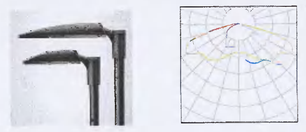
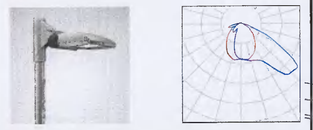
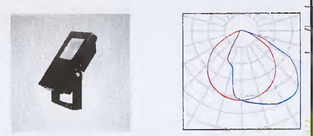
**EXT4/EXT4E**
TRILUX Jovie 70-AB7L/10000-740 8G1
Article No.:
Luminous flux (Luminaire): 9999 lm
Luminous flux (Lamps): 10000 lm
Luminaire Wattage: 83.0 W
Luminaire classification according to CIE: 100
CIE flux code: 34 71 96 100 100
Fitting: 1 x 1 x LED ETDD (Correction Factor 1.000).



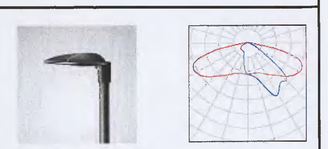
**EXT1**
TRILUX 6900240; LnStar 40-AM2L/3200-740 4G1S ET
Article No.: 6900240;
Luminous flux (Luminaire): 3200 lm
Luminous flux (Lamps): 3200 lm
Luminaire Wattage: 21.0 W
Luminaire classification according to CIE: 100
CIE flux code: 48 88 99 100 100
Fitting: 1 x LED (Correction Factor 1.000).



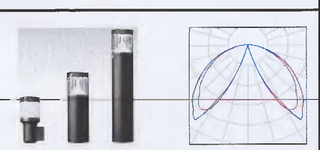
**EXT2/EXT2E**
TRILUX 7076540; Combial 30-AM9R/7500-740 1G1W ET
Article No.: 7076540;
Luminous flux (Luminaire): 7398 lm
Luminous flux (Lamps): 7500 lm
Luminaire Wattage: 75.0 W
Luminaire classification according to CIE: 100
CIE flux code: 53 86 99 100 99
Fitting: 1 x LED (Correction Factor 1.000).



**EXT4A/EXT4AE**
TRILUX 7243140; Jovie 50-AB2L-LR/3200-740 4G1 ET
Article No.: 7243140;
Luminous flux (Luminaire): 3199 lm
Luminous flux (Lamps): 3200 lm
Luminaire Wattage: 27.0 W
Luminaire classification according to CIE: 100
CIE flux code: 34 71 95 100 100
Fitting: 1 x LED (Correction Factor 1.000).



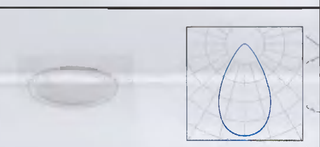
**EXT5/EXT5E**
TRILUX 7319251; 7319600; 7319700; 7319800; 7319900; 7320100; 7320200; 6609800; 6609900; 8841 RB/800-730 (1060 mm) ETDD
Article No.: 7319251; 7319600; 7319700; ~~7319800; 7319900; 7320100; 7320200; 6609800;~~ 6609900;
Luminous flux (Luminaire): 800 lm
Luminous flux (Lamps): 800 lm
Luminaire Wattage: 8.5 W
Luminaire classification according to CIE: 99
CIE flux code: 33 73 94 99 100
Fitting: 1 x LED (Correction Factor 1.000).



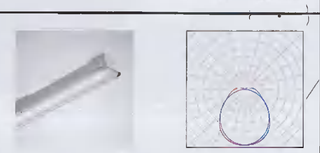
**B3/B3E**
TRILUX Skeo Curv 1800 lumen
Article No.:
Luminous flux (Luminaire): 1823 lm
Luminous flux (Lamps): 1825 lm
Luminaire Wattage: 12.9 W
Luminaire classification according to CIE: 99
CIE flux code: 44 78 97 99 100
Fitting: 1 x User defined (Correction Factor 1.000).

**EXT5A/EXT5AE**
TRILUX 8841 AB14L/850-740 2G1S (660 mm)
Article No.:
Luminous flux (Luminaire): 800 lm
Luminous flux (Lamps): 800 lm
Luminaire Wattage: 7.0 W
Luminaire classification according to CIE: 94
CIE flux code: 10 35 80 94 100
Fitting: 1 x 1 x LED ETDD (Correction Factor 1.000).

**C1/C1E**
TRILUX Amatris G3 C04 WR 1400-840 01
Article No.:
Luminous flux (Luminaire): 1400 lm
Luminous flux (Lamps): 1400 lm
Luminaire Wattage: 13.0 W
Luminaire classification according to CIE: 100
CIE flux code: 82 95 99 100 100
Fitting: 1 x 1 x LED ET (Correction Factor 1.000).



**B2B/B2BE**
TRILUX 7116540; OleveonF 1200 2300-840 PC ET
Article No.: 7116540;
Luminous flux (Luminaire): 2600 lm
Luminous flux (Lamps): 2600 lm
Luminaire Wattage: 19.0 W
Luminaire classification according to CIE: 94
CIE flux code: 47 76 92 94 100
Fitting: 1 x LED (Correction Factor 1.000).



EXISTING OFFICES
GARAGE
NEW NANGOR ROAD (R134)
GATES
SECURITY HUT
ESTATE ROAD
GRANGE CASTLE GOLF COURSE
BUILDING DB8
CAR PARK
TOTAL=66 CAR SPACES (DB8 = 30 NO.; DB9 = 36 NO.)
LAY-BY FOR OIL TANKER
FOH PLANT
ROLL UP GEN
GENERATOR
2MW load bank
Fuel tank 75m3
Ad Blue Tanks
TX
MV
SPRINKLER TANK 1
SPRINKLER TANK 2
PUMPHOUSE
Plant-room
Water tank plantroom
Make Up Air Unit
Chiller
Vessel
LOADING BAY 1
LOADING BAY 2
GAS BAY
FIRE ESCAPE ROUTE
BUILDING ENTRANCE
LANDSCAPED BREAK UP AREA
MANTRAP
SCREED RAMP
PAVEMENT
BERM
WALKWAY
DB8 CAR SPACES
DB9 CAR SPACES
PROPOSED BERM 1m high
EXISTING BERM
LANDSCAPED SCREENING
SECURE FENCE
EXISTING LAWN
EXISTING PAVEMENT
EXISTING ESTATE ROAD
EXISTING LANDSCAPING
LANDSCAPED STRIP
PEDESTRIAN WALKWAY
STEPS DOWN
WASTE VEHICLE SPACE
AREA FOR FUTURE DEVELOPMENT – TEMPORARY MEADOW
ATTENUATION POND
LANDSCAPING (BIODIVERSITY PROTECTION ZONE)
TIMBER RAIL FENCE
EXISTING DITCH
METAL RAILINGS
ACOUSTIC SCREENING
STOP
PATH
6 POTENTIAL FUTURE SPACES
PHASE 1 PROPOSED LIGHTING SCHEME

Equinix DB8 - Externals

| | |
|---|---|
| REF B2-B | TRILUX 7116540; OleveonF 1200 2300-840 PC ET |
| REF B3 | TRILUX Skeo Curv 1800 lumen |
| REF C1 | TRILUX Amatris G3 C04 WR 1400-840 01 |
| REF EXT1 | TRILUX 6900240; LnStar 40-AM2L/3200-740 4G1S ET |
| REF EXT2 | TRILUX 7076540; Combial 30-AM9R/7500-740 1G1W ET |
| REF EXT4 | TRILUX Jovie 70-AB7L/10000-740 8G1 |
| REF EXT4-A | TRILUX 7243140; Jovie 50-AB2L-LR/3200-740 4G1 ET |
| REF EXT5 | TRILUX 8841 RB/800-730 (1060 mm) ETDD |
| REF EXT5-A | TRILUX 8841 AB14L/850-740 2G1S (660 mm) |

**Exterior Spaces – Normal Levels of Illuminance**

| Room/Space | Illuminance Target Levels (Lux) | Uniformity | Comments |
|---|---|---|---|
| Walkways exclusively for Pedestrians | 5 | 0.25 | |
| Traffic areas (slow moving vehicles <10km/hr) | 10 | 0.4 | |
| Regular vehicle traffic areas ( <40km/hr) | 20 | 0.4 | |
| Pedestrian passages/crossings, Vehicle turning, Loading areas/bays and unloading points | 50 | 0.4 | |
| Pedestrian & Cycle Entrances (Turnstile & Gate) | 50 | 0.4 | |
| Secured Parking areas / Motorcycle Parking areas / Bicycle Parking areas (including e-Bike & e-Scooter) | 20 | 0.25 | |
| External Plant compounds (including Substations), Gantries & Circulation areas | 100 | 0.4 | |
| General Equipment (Service) Yards | 50 | 0.4 | |
| Rooftop (including walkways, gantry & platforms) Rooftop where fixed MEP control equipment located | 20-50<br>100 (Local) | 0.4 | Light control baffles to reduce light spill into ecological areas. |
| Landscaped break up area | 5-10 | N/A | |

Client:
EQUINIX

HAZARD IDENTIFICATION LEGEND:

| HAZARD IDENTIFICATION (if none state 'none relevant) | CONTRO MITIG MEA |
|---|---|
| | |

NOTE:
Hazards listed above are only those considered significant risks and:

a) not likely to be obvious to a competent contracto other designers;
b) unusual; or
c) likely to be difficult to manage effectively

Figured dimensions only are to be taken fro drawing. All dimensions are to be checked before any work is put in hand.

NOTES

- The installation and design shall compl the Occupational Health and Safety Ac all Regulations.
- All dimensions shown in millimeters.
- This drawing shall be read in conjuncti all associated equipment schedules an mechanical, electrical, structural and architectural drawings.

LEGEND

- SITE BOUNDARY
  SITE AREA = 6,545 acres
- AREA IN OWNERSHIP OF CLIE PER OS MAP
  AREA = 7,380 acres
- PROPOSED BUILDINGS
- INTERNAL ROADS
- PAINTED WALKWAYS 1.8/2M W
- CONCRETE PATHS
- GRAVEL
- GRASS-CRETE
- EXISTING LANDSCAPED AREA
- PROPOSED LANDSCAPED ARE
- PROPOSED ATTENUATION PON
- SECURITY FENCE
- TIMBER RAIL FENCE
- EXISITNG METAL RAILING
- AREA OF BIODIVERSITY LOST

| REV | DATE | DESCRIPTION | DWN | CHK |
|---|---|---|---|---|
| P01 | 2021-06-18 | ISSUED FOR PLANNING | LMC | CT |

Key:

Project:
EQUINIX DB080

Drawing Title:
EXTERNAL LIGHTING LAYOUT - PHASE 1 PROPOSED LIGHTING SCHEME

Drawing Number:
DB080-RED-ZZ-0G-DR-LITE-1022

| Scale: | Paper Size: | Purpose: | Rev |
|---|---|---|---|
| 1:300 | A0 | S3 | P0 |

RED
A company of ENG