



LIGHTING EQUIPMENT
 6 x 10m Masts Each Carrying the Following Vela Floodlights
 M1, M3, M4, M6... 1x AL7002 / 400W

M2, M5... 2x AL7002 / 400W

HORIZONTAL ILLUMINANCE LEVELS

(specified level)
 Average Maintained Horizontal Illuminance (Eh m): 100 lx
 Uniformity Ratio (E_{min} / E_{av}): 0.5

(calculated level)
 Average Initial Horizontal Illuminance (Eh m): 110 lx
 Average Maintained Horizontal Illuminance (Eh m): 100 lx
 Uniformity Ratio (E_{min} / E_{av}): 0.58

Glare Rating: GR_{max}=39

Grid Intervals 3x3

Maintenance Factor: 0.9

Based Upon:

- Luminaires depreciation due to dirt
- Lamp lumen depreciation
- Medium Pollution
- Pre-season cleaning of floodlights

Initial Levels Shown

Obtrusive Light - Compliance Report
 CIE 150:2003 Pre-Curfew, E3 - Suburban
 Filename: UKS17201 - Lossiemouth Skate Park
 05/06/2019 15:05:43

Illuminance
 Maximum Allowable Value: 10 Lux

Calculations Tested (12):

| Calculation Label | Test Results | Max. Illum. |
|-----------------------------|--------------|-------------|
| Elgin Road 12_III_Seg1 | PASS | 4 |
| hruch street 1_III_Seg1 | PASS | 1 |
| Elgin road_2_III_Seg1 | PASS | 0 |
| Elgin road_3_III_Seg | PASS | 0 |
| Elgin road_3_III_Seg2 | PASS | 1 |
| Elgin road_3_III_Seg3 | PASS | 1 |
| Elgin road_III_Seg1 | PASS | 0 |
| Elgin road 3a4b_III_Seg1 | PASS | 6 |
| Elgin road 14_III_Seg1 | PASS | 3 |
| Mcduff street_III_Seg1 | PASS | 1 |
| Coulardbank Road_III_Seg1 | PASS | 1 |
| Coulardbank Road_1_III_Seg1 | PASS | 1 |

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