



Designed in accordance with BS5489:2020-1 and BS EN 13201:2015
Inverness Road lit to P3
Iona Road lit to P4
New Road / deveopment lit to P4
All lanterns to be installed at 0° tilt

- Proposed new 6m height column fitted with Thorn Isaro Pro 12L50 EWC 740 CLO CL1, 2.89klm. Charge Code 42 0018 0000 100
- Proposed new 8m height column fitted with Thorn Isaro Pro 24L70 ES 740 CLO CL1, 7.64klm. Charge Code 42 0049 0000 100
- Proposed new 6m height column fitted with Thorn Isaro Pro 12L70 ES 740 CLO CL1, 3.84klm. Charge Code 42 0025 0000 100
- Proposed new 6m height RAISE AND LOWER column fitted with Thorn Isaro Pro 12L35 ENR 740 CLO CL1, 2.13klm. Charge Code 42 0013 0000 100
- Proposed new 6m height RAISE AND LOWER column fitted with Thorn Isaro Pro 12L35 EWR 740 CLO CL1, 2.1klm. Charge Code 42 0013 0000 100
- Indicative location of existing column to remain
- Indicative location of existing column to be disconnected and removed

Grid 1
Results - Horizontal Illuminance (lux)
Eav= 5.09
Emin= 1.38
Emax= 15.57
Emin/Emax= 0.09
Emin/Eav= 0.27
Emax/Eav= 3.06

Quantities
8no IP 12L50 EWC 740 CLO
2no. IP 24L70 ES 740 CLO
1no. IP 12L70 ES 740 CLO
1no. IP 12L35 ENR 740 CLO
1no. IP 12L35 EWR 740 CLO
2no. 6m raise lower columns (for post mounts)
2no. 8m height columns (for post mounts)
8no. 6m height columns (for post mounts)

Grid 2 - Inverness Road (P3)
Results - Horizontal Illuminance (lux)
Eav= 8.83
Emin= 2.93
Emax= 25.11
Emin/Emax= 0.12
Emin/Eav= 0.33
Emax/Eav= 2.84

Grid 3 - Iona Road (P4)
Results - Horizontal Illuminance (lux)
Eav= 5.99
Emin= 1.72
Emax= 20.55
Emin/Emax= 0.08
Emin/Eav= 0.29
Emax/Eav= 3.43

Grid 4 - new remote footway (P4)
Results - Horizontal Illuminance (lux)
Eav= 5.61
Emin= 1.75
Emax= 23.30
Emin/Emax= 0.08
Emin/Eav= 0.31
Emax/Eav= 4.15

Grid 5 - new remote footway (P4)
Results - Horizontal Illuminance (lux)
Eav= 6.05
Emin= 1.28
Emax= 22.56
Emin/Emax= 0.06
Emin/Eav= 0.21
Emax/Eav= 3.73