



Notes

Floodlighting Equipment
 6 x 15m Masts (M1-M6)
 4 x 8m Masts (M7-M10)
 4 x 6m Masts (M11-M14)
 Each carrying the following Floodlights :-
 M1-M6
2 x FL11 - 3 Blade PL33T
 M7 & M8
1 x FL11 - 2 Blade PL33T
 Mounted at 6m:
1 x SL21 MINI LED 4000K
 M9 & M10
1 x FL11 - 2 Blade PL33T
 M11-M13
2 x SL21 MINI LED 4000K
 M14
1 x SL21 MINI LED 4000K

Maintenance Factor = 0.90
Source Intensity Calcs (Candelas):
 House1: 3286cd
 House2: 4196cd
 House3: 4373cd
 House4: 3925cd
 House5: 3628cd
 House6: 3536cd
 House7: 2868cd

Siteco LED - 5,000 Kelvin CRI70

PITCH Illuminance Levels
Initial -
 (100hrs) E.i.ave = 233Lux
Maintained -
 (4000hrs) E.i.ave = 210Lux

Uniformity
 Emin/Eave = 0.65

MUGA Illuminance Levels
Initial -
 (100hrs) E.i.ave = 277Lux
Maintained -
 (4000hrs) E.i.ave = 249Lux

Uniformity
 Emin/Eave = 0.70

CAR PARK Illuminance Levels
Initial -
 (100hrs) E.i.ave = 22Lux
Maintained -
 (4000hrs) E.i.ave = 20Lux

Uniformity
 Emin/Eave = 0.25

Grid values in Lux(initial).
 Grid interval = 5m.
 Contour values in Lux (initial).
 Contours: 5, 15, 25, 50 Lux.



Project
 East Bierley Community Sports Association

Drawing Title
 Proposed floodlighting

Drawn By (print)
 DS

Date
 12/04/2023

Project No
 4565

Scale
 1:1000 @ A3

Drawing No
 HLS4565

Status
 Proposal