



238	261	286	302	319	324	289	223	182	168	168	183	224	289	325	318	300	287	263	238
258	287	297	325	340	337	301	264	227	211	210	226	264	302	338	342	326	298	288	257
244	269	293	320	326	331	300	275	237	233	232	236	274	300	333	328	321	294	270	245
223	241	266	286	301	303	283	263	240	215	215	239	263	283	304	302	287	266	242	224
185	202	221	242	250	256	244	225	206	188	188	207	225	244	256	249	242	222	203	186
160	172	186	199	212	219	209	191	177	165	165	178	191	209	219	212	199	186	172	160
146	154	165	178	195	200	192	175	162	153	185	162	175	192	200	195	178	165	154	146
160	172	186	199	212	219	209	191	177	165	165	177	191	209	219	212	199	186	172	160
186	203	222	242	249	256	244	225	206	188	188	206	225	244	256	250	242	221	202	185
224	242	266	287	302	304	283	263	233	215	215	240	263	283	303	301	286	266	241	223
245	270	294	321	328	333	300	274	236	232	233	237	275	300	331	326	320	293	269	244
257	288	298	326	342	338	302	264	226	210	211	227	264	301	337	340	325	297	287	258
239	263	287	300	318	325	289	224	183	168	168	182	223	289	324	319	302	286	261	238

Notes

Floodlighting Equipment
 8 x 15m Masts (M1-M8)
 Each carrying the following Floodlights :-
 M1, M4, M5 & M8
2 x FL11 - 3 Blade PL33T/BLC
 M2, M3, M6 & M7
2 x FL11 - 3 Blade PL33T/BLC
1 x FL11 - 2 Blade PL33T/BLC

Siteco LED - 5,000 Kelvin CRI70

Illuminance Levels
Initial -
 (100hrs) E.i.ave = 244Lux

Maintained -
 (4000hrs) E.i.ave = 220Lux

Uniformity
 Emin/Eave = 0.60

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

Maintenance Factor = 0.90

Source intensity calculations taken @ 1.5m above ground level;
 Property 1 - 4987cd
 Property 2 - 3761cd
 Property 3 - 3584cd
 Property 4 - 6855cd
 Property 5 - 2518cd
 Property 6 - 2734cd
 Property 7 - 2690cd
 Property 8 - 2822cd
 Property 9 - 2233cd



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Project
 Parkside Pavilion - Barnsley

Drawing Title
 Proposed lighting

Drawn By (print) JM	Date 15/05/2023
Project No 6470	Scale NTS
Drawing No HLS6470	Status Proposed