

FLOODLIGHTING EQUIPMENT:

8 x 13.5m MASTS (M1-M8)
M1,M4,M5,M8.....1 x AL5779/2KW/MH-TS2000W/XL
M2,M3,M6,M7.....2 x AL5780/2KW/MH-TS2000W/XL

ALL MASTS ARE TO BE FITTED WITH BACKSHIELD

M4 & M8 IS TO BE FITTED WITH SIDE SHIELD

LAMPS (VENTURE):

2KW/MH-TS 2000W/XL/K12/745 (230 000 INITIAL Lm)

ILLUMINANCE LEVELS:

INITIAL (100 Hrs)
E.i.ave = 274 LUX

MAINTAINED (4000 Hrs)
E.m.ave = 212 LUX

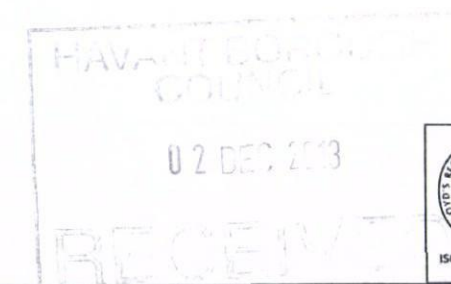
UNIFORMITY
Emin/Eave = 0.6

GRID VALUES IN LUX
GRID INTERVAL = 5m
CONTOUR VALUES IN LUX
CONTOURS 2,5,10,25,50 LUX

MAINTENANCE FACTOR = 0.77

PLEASE NOTE: DUE TO LOCATIONS AND
ELEVATION OF FLOODLIGHTS HIGH
LEVELS COULD BE EXPERIENCED ON
THE TOUCH LINE UNDER MASTS M1-M4.

VERTICAL GRID ON HOUSES ARE LOCATED
3m ABOVE GROUND LEVEL



ABACUS LIGHTING LTD.
Sutton-in-Ashfield, Nottinghamshire
NG17 5FT England
Tel: (+44) 01623 511111
Fax: (+44) 01623 552133
Email: light@abacuslighting.com
Home page: www.lighting4sport.com

Lighting Project: EXTERNAL FLOODLIGHTING

Title: PARK COMMUNITY SCHOOL

Design Ref: UKS1962/6

Design By: JOE WITTON

Date: 08/11/2013

Scale: 1:500 @ A2

Revision(s) From Previous Design:
VERTICAL OVERSPILL LEVELS
BACKSHIELDS ADDED TO ALL MASTS
NEW SITE PLAN

All illuminance values are the result of computer calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and electrical supply.

