



Luminaire Schedule - Project Total						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
□	A	8	400w Sodium Luminaire	8	400	53990

Luminaire Schedule						
M1-M4						
Symbol	Tag	Qty	Description	Mounting Height (m)	Luminaire Watts	Luminaire Lumens
□	A	2	400w Sodium Luminaire	8	400	53990

Calculation Summary							
Initial Calculations							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Rugby Pitch	Illuminance	Lux	37.2	187	0	0.00	0.00

Area Dimensions		
Area	L (m)	W (m)
Rugby Pitch	99	60

Obtrusive Light - Compliance Report
CIE 150:2017, E3-Medium District Brightness, Pre-Curfew
Filename: UKS18143_2_4054826 Treeharris Rugby FC
27/02/2023 14:33:39

Illuminance
Maximum Allowable Value: 10 Lux

Glare Summary	
Label	GRmax
Glare Rating	60

Calculations Tested (23):

Calculation Label	Test Results	Max. Illum.
Fell St_III_Seg1	PASS	0
Webster St_III_Seg1	PASS	0
Webster St_1_III_Seg1	PASS	0
Webster St_2_III_Seg1	PASS	0
Forest Rd_III_Seg1	PASS	7
Forest Rd_1_III_Seg1	PASS	4
Forest Rd_2_III_Seg1	PASS	5
Forest Rd_2_III_Seg2	PASS	6
Evan St_III_Seg1	PASS	1
Evan St_1_III_Seg1	PASS	1

Calculation Grid Intervals	
Label	Grid
Rugby Pitch	11 x 7

Isoline Legend	
Illuminance (Lux)	
Colour	Value
■	2
■	5
■	10
■	20
■	50

Treeline_III_Seg1	4.2
Treeline_III_Seg2	11.3
Treeline_III_Seg3	12.8
Treeline_III_Seg4	12.7
Treeline_III_Seg5	9.9
Treeline_III_Seg6	5.4
Treeline_III_Seg7	3.4
Treeline_III_Seg8	3.1
Treeline_III_Seg9	3.7
Roadside_III_Seg1	15.0
Roadside_III_Seg2	10.9
Roadside_III_Seg3	11.0
Roadside_III_Seg4	4.0

Notes:
This scheme has been developed based upon a flat and open area, where shadowing from buildings, plants and equipment have not been taken into consideration.

Drawing and mast locations converted from satellite image, please check dimensions before ordering and installing.

Customer to confirm suitability and structural integrity of existing masts prior to placing an order.

Only initial levels have been calculated due to unknown floodlight condition.

Due to unknown luminaire, photometry is based on a 400w symmetric luminaire.

Initial levels shown on drawing