


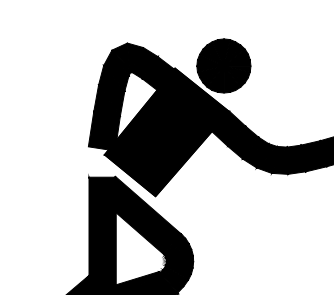
Calculated Lighting Values			
ML2115 - Eastcote Hockey Club			
E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	E _{min} /E _{av}
374	286	571	0,76

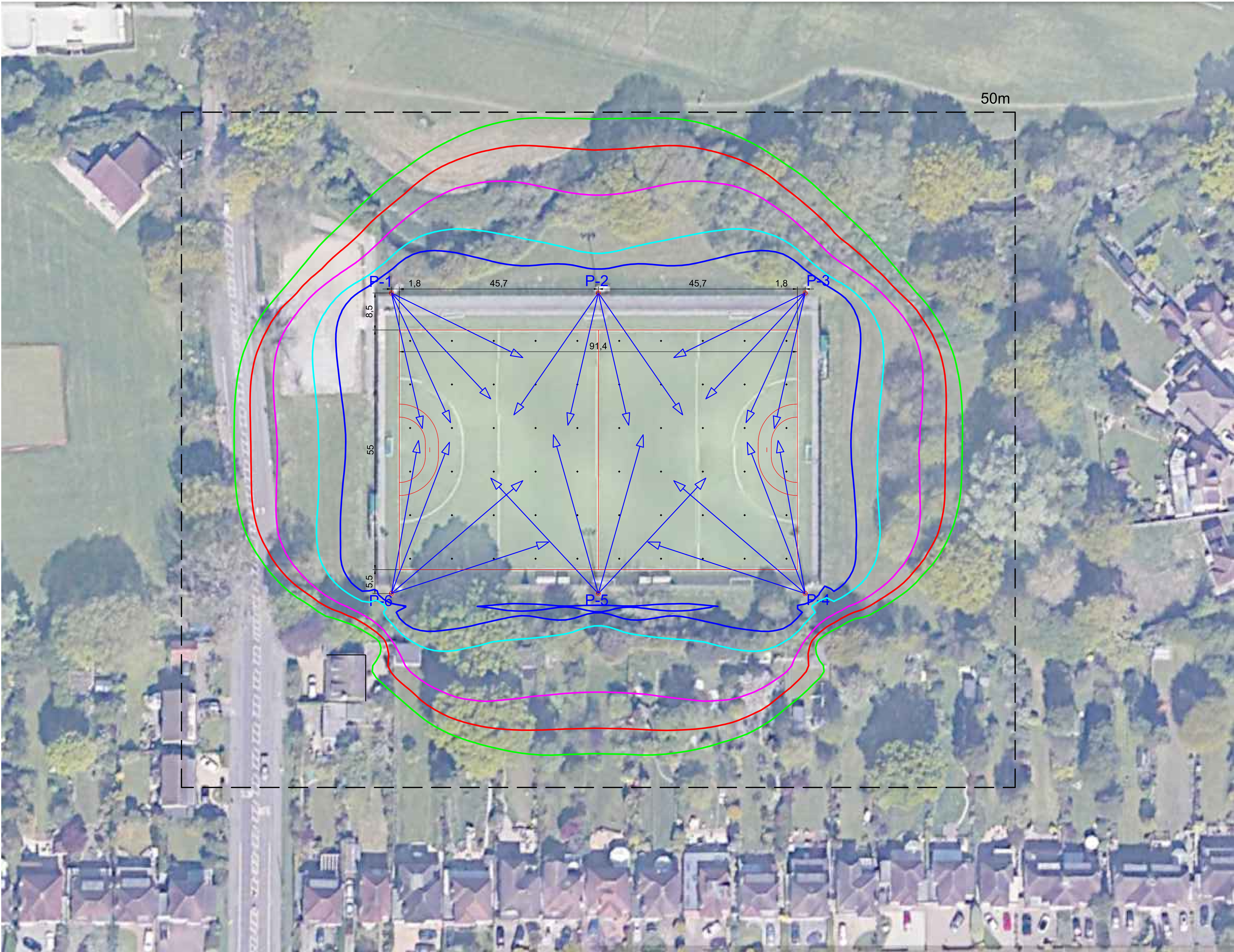
MIDSTREAM LED PROPOSAL								
COLUMN No.	HEIGHT [m]	Luminaire	No. of Luminaires	Wattage	Absorbed Wattage	Consumption per Mast [kW]	Annual Consumption [kWh] [1000h]	Notes
P-1	15	Modus S1100 NS (4000K)	4	1180	4720,0	4,72	4720,00	
P-2	15	Modus S1100 NS (4000K)	4	1180	4720,0	4,72	4720,00	
P-3	15	Modus S1100 NS (4000K)	4	1180	4720,0	4,72	4720,00	
P-4	15	Modus S1100 NS (4000K)	4	1180	4720,0	4,72	4720,00	
P-5	15	Modus S1100 NS (4000K)	4	1180	4720,0	4,72	4720,00	
P-6	15	Modus S1100 NS (4000K)	4	1180	4720,0	4,72	4720,00	
			24		28320,0	28,32	28320	TOTAL

LUMINAIRES USED

MODUS S1100

Net Flux 135.500lm Weight 20Kg Power 1180W

		Total HM (All)		Total Luminaires (All)		135.500lm20Kg1180W				
FIH Calculation Grid: 10 x 6 Points		Maintenance Factor - 0.9		- 6 with height of 15m		- 24 x Modus S1100 NS (4000K)		HM = HIGH MAST E _{av} = AVERAGE Lux LEVEL u ₀ = UNIFORMITY E _{min} / E _{av}		
				Drawing by	Checked by	Approved by	Date	Revision	Sheet	
				MC	PC	MIDSTREAM	09/11/2023	06	1/4	
				ML2115 - Eastcote Hockey Club - HMs Description & Isolines						

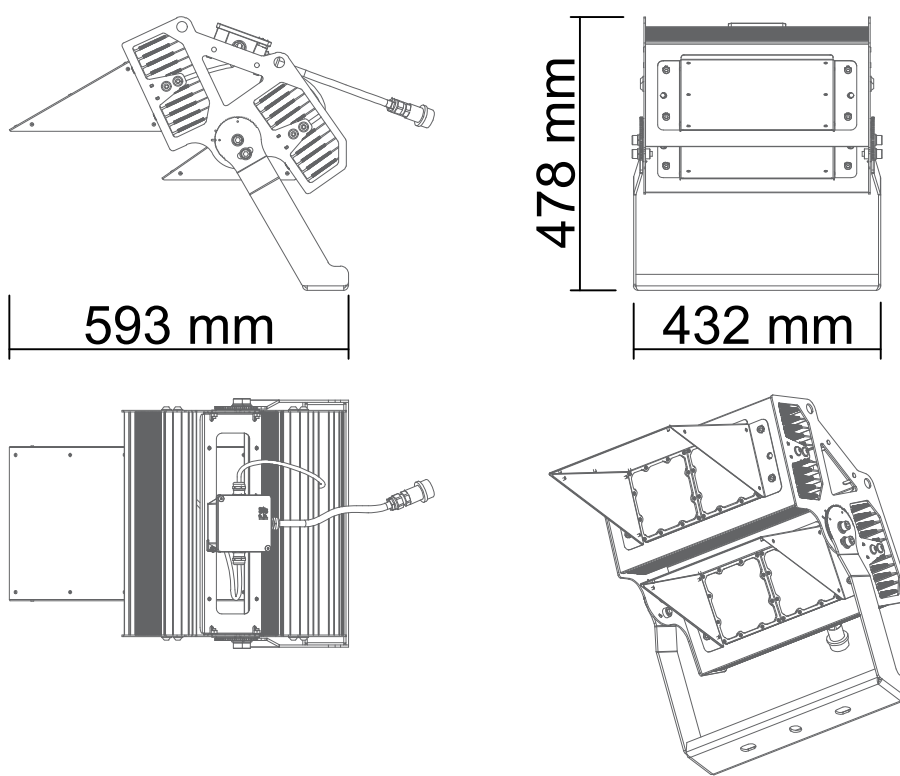


Isolines


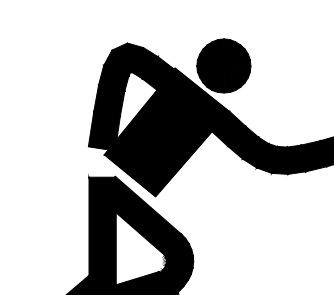
- 5.0 lx
- 6.5 lx
- 10.0 lx
- 25.0 lx
- 50.0 lx

LUMINAIRES USED

MODUS S1100



Net Flux 135.500lm	Weight 20Kg	Power 1180W
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		Total HM (All)			Total Luminaires (All)			135.500lm20Kg1180W			
FIH Calculation Grid: 10 x 6 Points		Maintenance Factor - 0.9		- 6 with height of 15m			- 24 x Modus S1100 NS (4000K)			HM = HIGH MAST E _{av} = AVERAGE Lux LEVEL u ₀ = UNIFORMITY E _{min} / E _{av}	
				Drawing by	Checked by	Approved by	Date	Revision	Sheet		
				MC	PC	MIDSTREAM	09/11/2023	06	2/4		
				ML2115 - Eastcote Hockey Club - HMs Description & Isolines - Horizontal Spill							



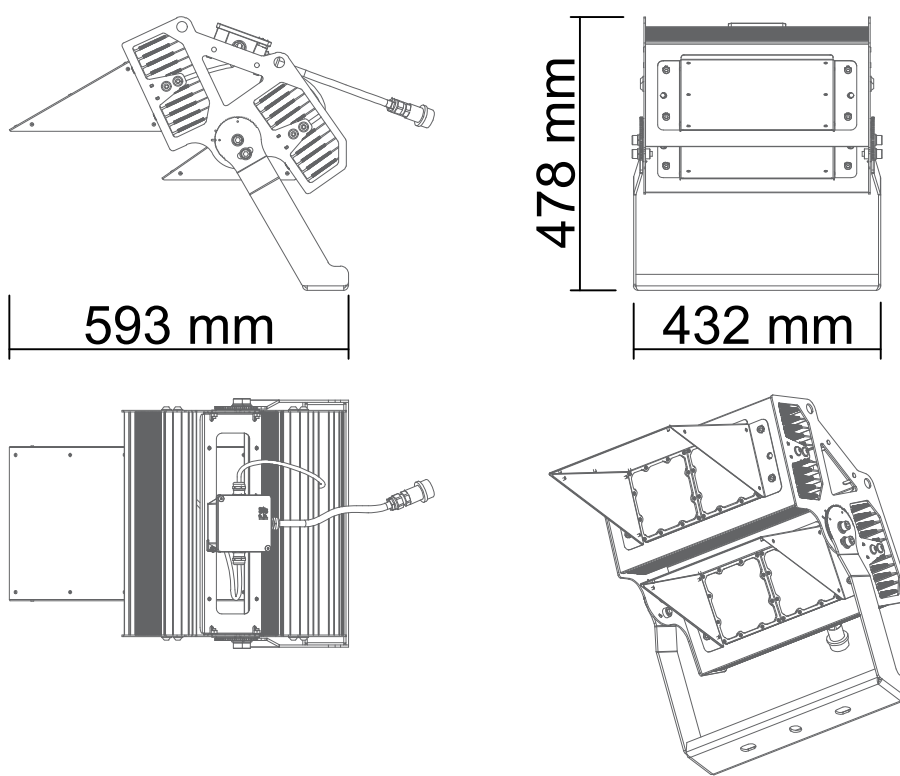


Isolines


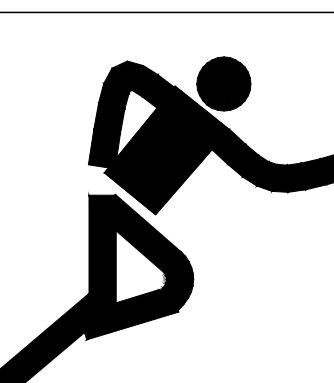
- 5.0 lx
- 6.5 lx
- 10.0 lx
- 25.0 lx
- 50.0 lx

LUMINAIRES USED

MODUS S1100



Net Flux	Weight	Power
135.500lm	20Kg	1180W

		Total HM (All)		Total Luminaires (All)		135.500lm20Kg1180W				
FIH Calculation Grid: 10 x 6 Points		Maintenance Factor - 0.9		- 6 with height of 15m		- 10 x Modus S1100 NS (4000K) ON Dimmed to 65%		HM = HIGH MAST Eav = AVERAGE Lux LEVEL u0 = UNIFORMITY E_min / Eav		
				Drawing by	Checked by	Approved by	Date	Revision	Sheet	
				MC	PC	MIDSTREAM	09/11/2023	06	3/4	
				ML2115 - Eastcote Hockey Club - Half Pitch 1 - HMs Description & Isolines - Horizontal Spill						



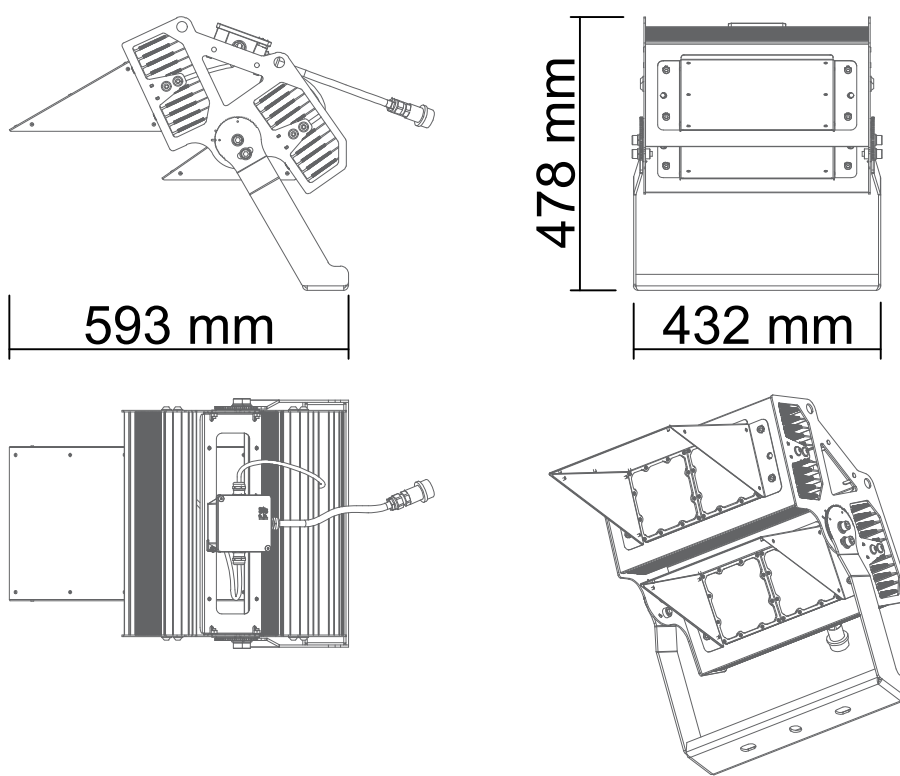


Isolines



- 5.0 lx
- 6.5 lx
- 10.0 lx
- 25.0 lx
- 50.0 lx

LUMINAIRES USED

MODUS S1100



Net Flux 135.500lm	Weight 20Kg	Power 1180W
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		Total HM (All)		Total Luminaires (All)			135.500lm	20Kg	1180W
FIH Calculation Grid: 10 x 6 Points 		Maintenance Factor - 0.9		- 6 with height of 15m		- 10 x Modus S1100 NS (4000K) ON Dimmed to 65%			HM = HIGH MAST E _{av} = AVERAGE Lux LEVEL u ₀ = UNIFORMITY E _{min} / E _{av}
				Drawing by	Checked by	Approved by	Date	Revision	Sheet
				MC	PC	MIDSTREAM	09/11/2023	06	4/4
				ML2115 - Eastcote Hockey Club - Half Pitch 2 - HMs Description & Isolines - Horizontal Spill					

