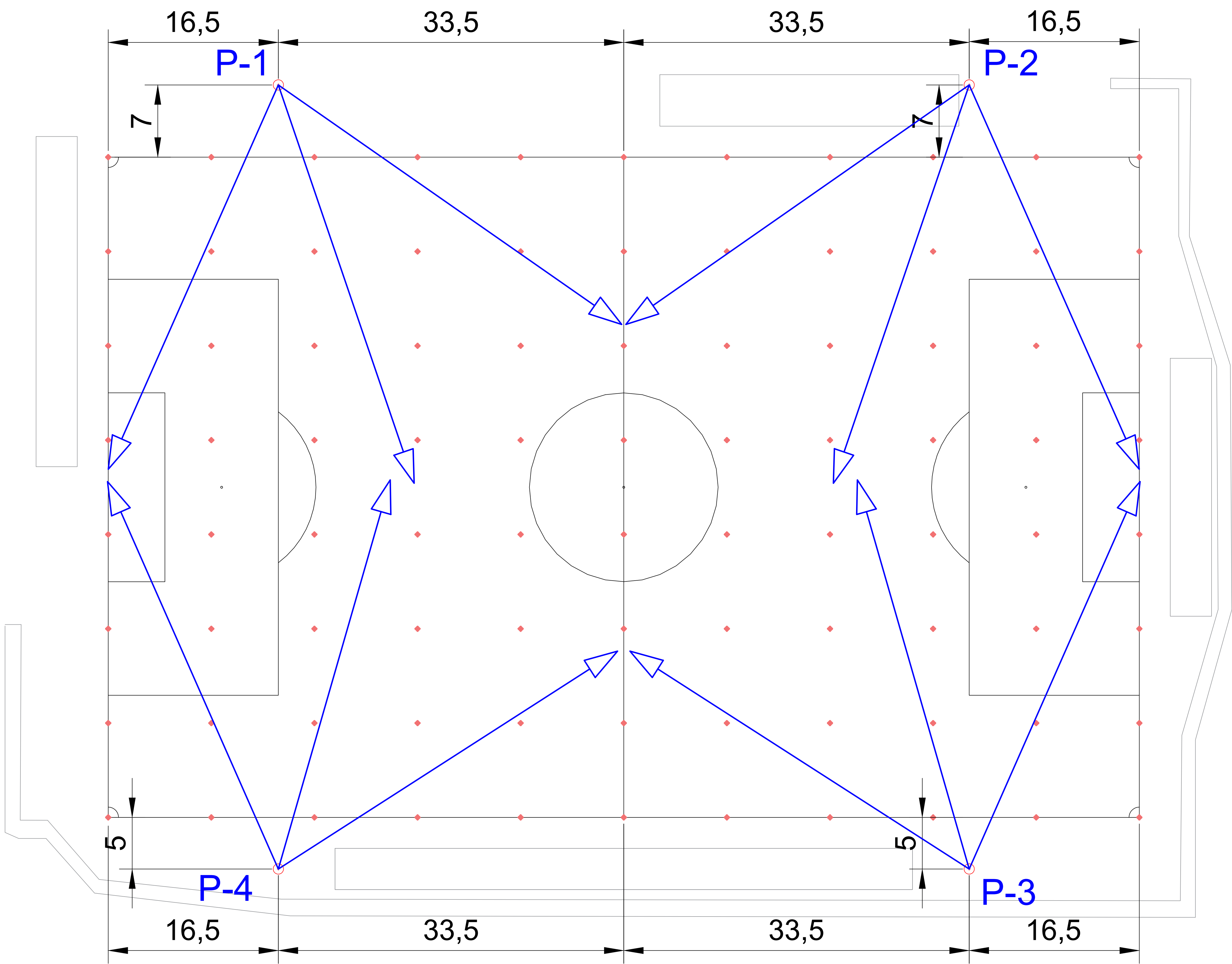


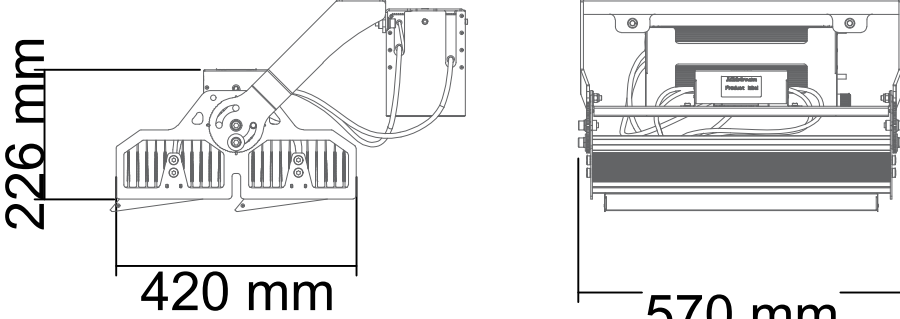


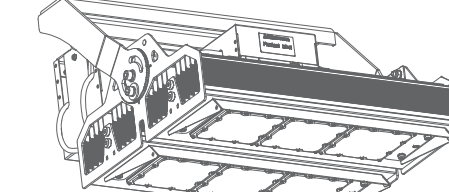
Calculated Lighting Values				
ML3359 - Clitheroe FC				
E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	E _{min} /E _{av}	E _{min} /E _{max}
211	131	395	0,62	0,33

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	16	Master MR15 AS (5000K)	3	1598	4794,0	4,79	4794,00	
P-2	16	Master MR15 AS (5000K)	3	1598	4794,0	4,79	4794,00	
P-3	16	Master MR15 AS (5000K)	3	1598	4794,0	4,79	4794,00	
P-4	16	Master MR15 AS (5000K)	3	1598	4794,0	4,79	4794,00	
			12		19176,0	19,176	19176	TOTAL

LUMINAIRES USED

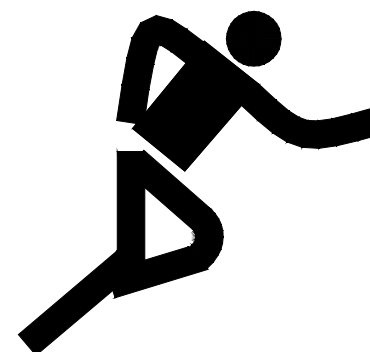
Master MR15

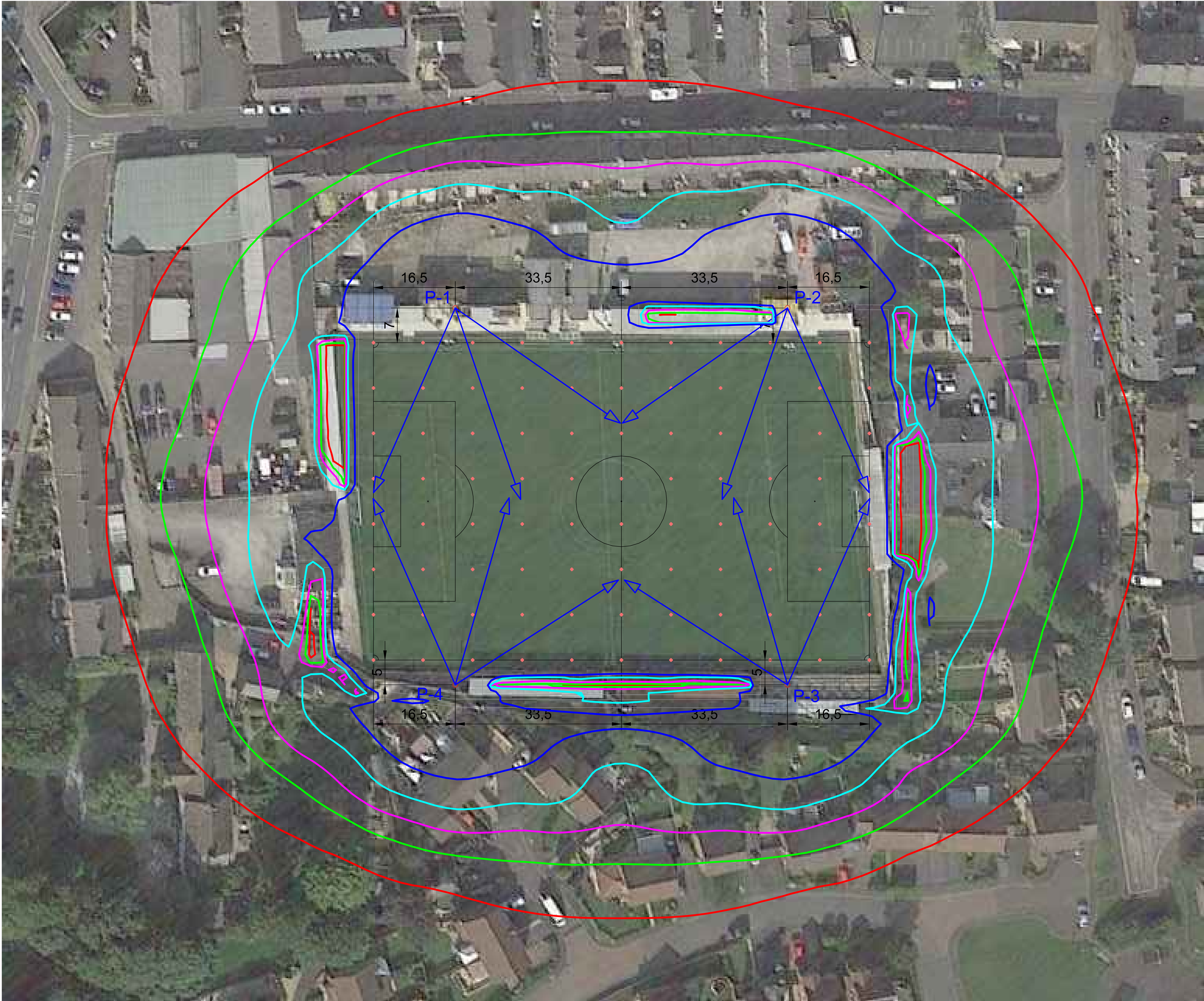




Flux
Up to 220.000lm

Power
1598W

Calculation Grid: 11x8 Points		Maintenance Factor - 0.9	Total HM (All)			Total Luminaires (All)			Up to 220.000lm 1598W		
			- 4 with height of 16m			- 12 x Master MR15 AS (5000K)			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	23/07/2024	04	1/2	
					ML3359 - Clitheroe FC - HMs Description & Isolines						

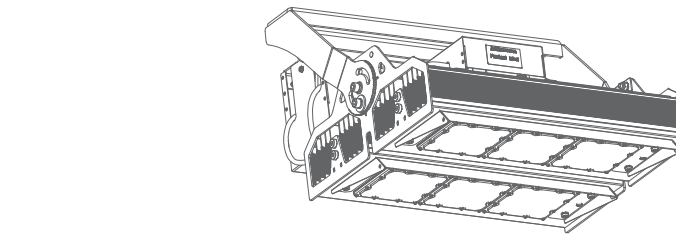
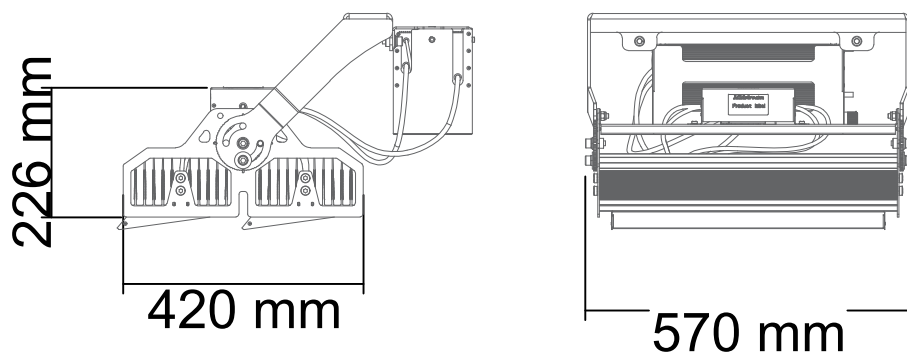


Isolines

- 2.0 lx
- 5.0 lx
- 10.0 lx
- 20.0 lx
- 50.0 lx

LUMINAIRES USED

Master MR15



Flux
Up to 220.000lm

Power
1598W

HM = HIGH MAST
E_{av} = AVERAGE Lux LEVEL
u₀ = UNIFORMITY E_{min} / E_{av}

Calculation Grid: 11x8 Points

Maintenance Factor - 0.9

Total HM (All)

- 4 with height of 16m

Total Luminaires (All)

- 12 x Master MR15 AS (5000K)

Drawing by

MC

Checked by

PC

Approved by

MIDSTREAM

Date

23/07/2024

Revision

04

Sheet

2/2



ML3359 - Clitheroe FC - HMs Description & Isolines

