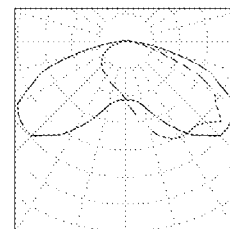
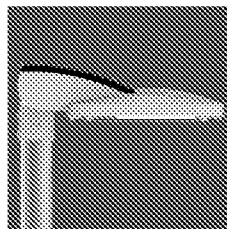




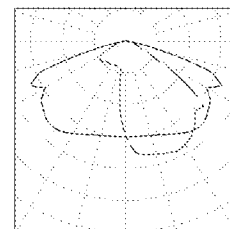
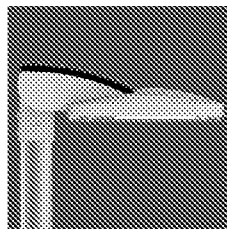
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Merse Road, North Moons Moat,
Redditch, Worcs, B98 9HHOperator Gary Brown
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Fax
e-Mail**Fargro External Areas / Luminaire parts list**

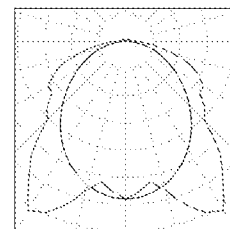
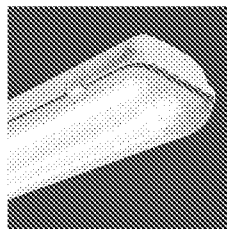
33 Pieces THORLUX SB15802 Starbeam - Area
Distribution - 62W
Article No.: SB15802
Luminous flux (Luminaire): 6708 lm
Luminous flux (Lamps): 6700 lm
Luminaire Wattage: 69.0 W
Luminaire classification according to CIE: 98
CIE flux code: 25 59 90 98 100
Fitting: 1 x Starbeam - Area - 62W (Correction
Factor 1.000).



9 Pieces THORLUX SB15803 Starbeam - Roadway
Distribution - 62W
Article No.: SB15803
Luminous flux (Luminaire): 6714 lm
Luminous flux (Lamps): 6700 lm
Luminaire Wattage: 69.0 W
Luminaire classification according to CIE: 99
CIE flux code: 39 76 97 99 100
Fitting: 1 x Starbeam - Roadway - 62W
(Correction Factor 1.000).

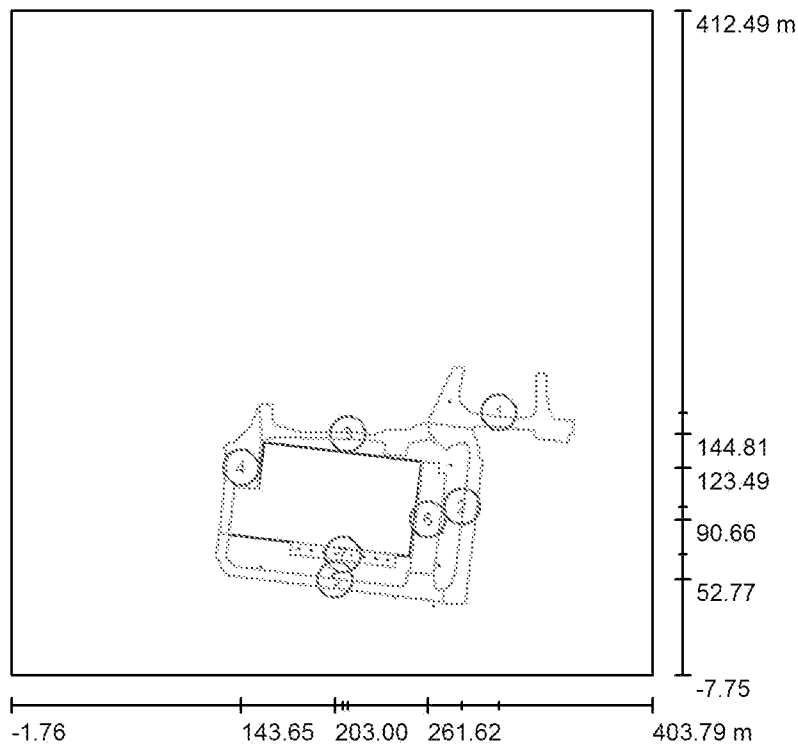


8 Pieces THORLUX TP15907 Thoroproof LED - 60W
Article No.: TP15907
Luminous flux (Luminaire): 6772 lm
Luminous flux (Lamps): 6775 lm
Luminaire Wattage: 67.0 W
Luminaire classification according to CIE: 97
CIE flux code: 45 75 93 97 100
Fitting: 1 x Thoroproof LED - 60W (Correction
Factor 1.000).





FW Thorpe PLC

Merse Road, North Moons Moat,
Redditch, Worcs, B98 9HHOperator Gary Brown
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e-Mail**Exterior Scene 1 / Calculation surfaces (results overview)**

Scale 1 : 4782

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
1	Calculation Surface 1	perpendicular	128 x 128	15	2.22	33	0.153	0.066
2	Calculation Surface 2	perpendicular	128 x 128	9.61	2.05	22	0.213	0.094
3	Calculation Surface 3	perpendicular	128 x 64	8.37	1.70	26	0.202	0.066
4	Calculation Surface 4	perpendicular	128 x 128	16	8.37	26	0.522	0.317
5	Calculation Surface 5	perpendicular	128 x 128	17	7.28	34	0.418	0.216
6	Calculation Surface 6	perpendicular	128 x 32	12	3.53	23	0.288	0.157
7	Under Canopy	perpendicular	128 x 128	59	27	81	0.459	0.334

Summary of Results

Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u0	E_{min} / E_{max}
perpendicular	7	17	1.70	81	0.10	0.02