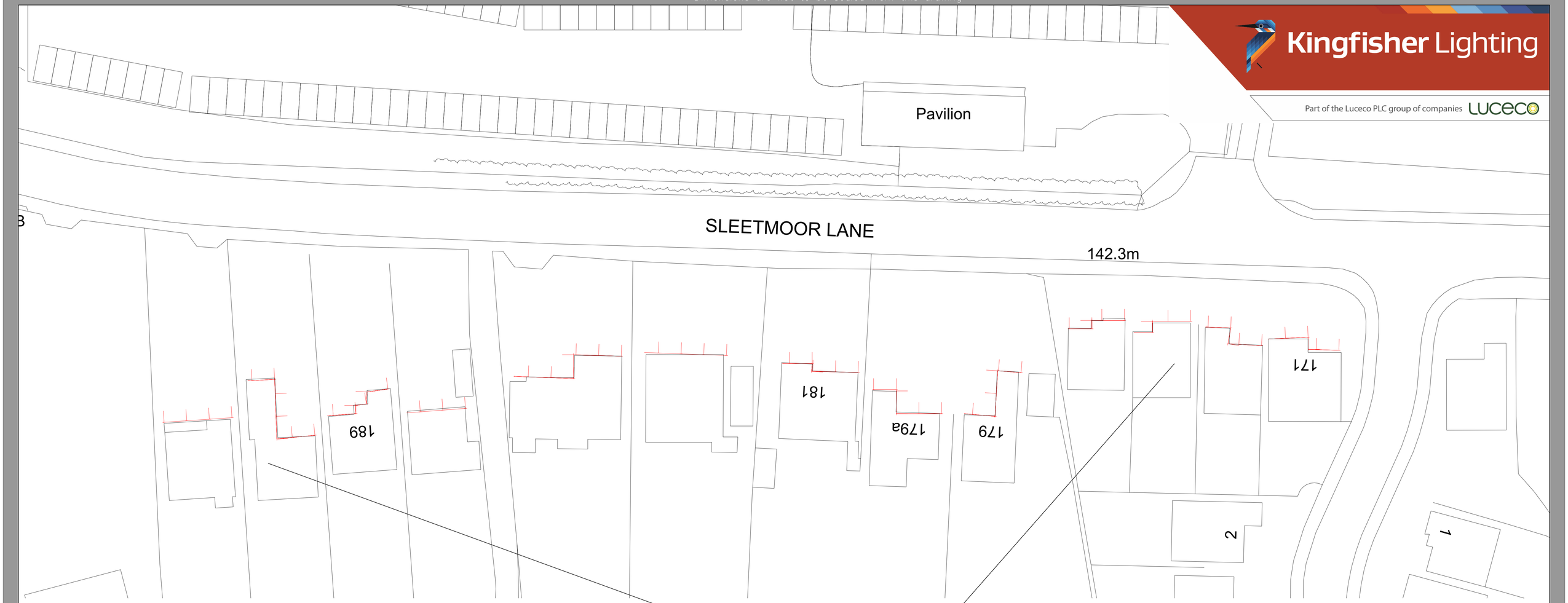
Dimensions are not to be scaled from this drawing



Kingfisher Lighting

Part of the Luceco PLC group of companies LUCECO

Obtrusive Light Report - Detailed Breakdown

Calculation Summary							
Scene: All On							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Sleetmore Lane 171_Cd_Seg1	Obtrusive Light - Cd	N.A.	1278	1296	1259	0.99	0.97
Sleetmore Lane 171_Cd_Seg2	Obtrusive Light - Cd	N.A.	0.00	0	0	N.A.	N.A.
Sleetmore Lane 171_Cd_Seg3	Obtrusive Light - Cd	N.A.	1334	1352	1315	0.99	0.97
Sleetmore Lane 171_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 171_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 171_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 173_Cd_Seg1	Obtrusive Light - Cd	N.A.	1404	1422	1386	0.99	0.97
Sleetmore Lane 173_Cd_Seg2	Obtrusive Light - Cd	N.A.	0.00	0	0	N.A.	N.A.
Sleetmore Lane 173_Cd_Seg3	Obtrusive Light - Cd	N.A.	1465	1483	1446	0.99	0.98
Sleetmore Lane 173_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 173_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 173_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 175_Cd_Seg1	Obtrusive Light - Cd	N.A.	1533	1550	1515	0.99	0.98
Sleetmore Lane 175_Cd_Seg2	Obtrusive Light - Cd	N.A.	1574	1574	1574	1.00	1.00
Sleetmore Lane 175_Cd_Seg3	Obtrusive Light - Cd	N.A.	1564	1564	1564	1.00	1.00
Sleetmore Lane 175_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 175_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 175_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 177_Cd_Seg1	Obtrusive Light - Cd	N.A.	1633	1649	1616	0.99	0.98
Sleetmore Lane 177_Cd_Seg2	Obtrusive Light - Cd	N.A.	1663	1663	1663	1.00	1.00
Sleetmore Lane 177_Cd_Seg3	Obtrusive Light - Cd	N.A.	1670	1685	1655	0.99	0.98
Sleetmore Lane 177_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 177_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 177_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 179_Cd_Seg1	Obtrusive Light - Cd	N.A.	1627	1630	1623	1.00	1.00
Sleetmore Lane 179_Cd_Seg2	Obtrusive Light - Cd	N.A.	1585	1622	1548	0.98	0.95
Sleetmore Lane 179_Cd_Seg3	Obtrusive Light - Cd	N.A.	1543	1548	1538	1.00	0.99
Sleetmore Lane 179_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 179_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 179_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 179a_Cd_Seg1	Obtrusive Light - Cd	N.A.	1509	1518	1500	0.99	0.99
Sleetmore Lane 179a_Cd_Seg2	Obtrusive Light - Cd	N.A.	1113	1129	1097	0.99	0.97
Sleetmore Lane 179a_Cd_Seg3	Obtrusive Light - Cd	N.A.	1509	1519	1498	0.99	0.99
Sleetmore Lane 179a_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 179a_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 179a_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 181_Cd_Seg1	Obtrusive Light - Cd	N.A.	1486	1510	1462	0.98	0.97
Sleetmore Lane 181_Cd_Seg2	Obtrusive Light - Cd	N.A.	1315	1315	1315	1.00	1.00
Sleetmore Lane 181_Cd_Seg3	Obtrusive Light - Cd	N.A.	1460	1474	1446	0.99	0.98
Sleetmore Lane 181_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 181_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 181_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 183_Cd_Seg1	Obtrusive Light - Cd	N.A.	1473	1502	1443	0.98	0.96
Sleetmore Lane 183_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 185_Cd_Seg1	Obtrusive Light - Cd	N.A.	1534	1547	1521	0.99	0.98
Sleetmore Lane 185_Cd_Seg2	Obtrusive Light - Cd	N.A.	1014	1026	1001	0.99	0.98
Sleetmore Lane 185_Cd_Seg3	Obtrusive Light - Cd	N.A.	1520	1529	1510	0.99	0.99
Sleetmore Lane 185_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 185_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 185_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 187_Cd_Seg1	Obtrusive Light - Cd	N.A.	1478	1495	1456	0.99	0.97
Sleetmore Lane 187_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 189_Cd_Seg1	Obtrusive Light - Cd	N.A.	1434	1434	1434	1.00	1.00
Sleetmore Lane 189_Cd_Seg2	Obtrusive Light - Cd	N.A.	0.00	0	0	N.A.	N.A.
Sleetmore Lane 189_Cd_Seg3	Obtrusive Light - Cd	N.A.	1395	1395	1395	1.00	1.00
Sleetmore Lane 189_Cd_Seg4	Obtrusive Light - Cd	N.A.	0.00	0	0	N.A.	N.A.
Sleetmore Lane 189_Cd_Seg5	Obtrusive Light - Cd	N.A.	1362	1376	1347	0.99	0.98
Sleetmore Lane 189_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 189_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 189_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 189_Ill_Seg4	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 189_Ill_Seg5	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 191_Cd_Seg1	Obtrusive Light - Cd	N.A.	1327	1332	1321	1.00	0.99
Sleetmore Lane 191_Cd_Seg2	Obtrusive Light - Cd	N.A.	1307	1314	1300	0.99	0.99
Sleetmore Lane 191_Cd_Seg3	Obtrusive Light - Cd	N.A.	1290	1296	1284	1.00	0.99
Sleetmore Lane 191_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 191_Ill_Seg2	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 191_Ill_Seg3	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.
Sleetmore Lane 193_Cd_Seg1	Obtrusive Light - Cd	N.A.	1240	1285	1207	0.97	0.94
Sleetmore Lane 193_Ill_Seg1	Obtrusive Light - Ill	Lux	0.00	0	0	N.A.	N.A.

Obtrusive Light Report

Obtrusive Light - Compliance Report
CIE 150:2003, E1-Natural, Pre-Curfew
Filename: Sleetmore United
29/10/2020 10:50:59

Illuminance
Maximum Allowable Value: 2 Lux

Calculations Tested (19):

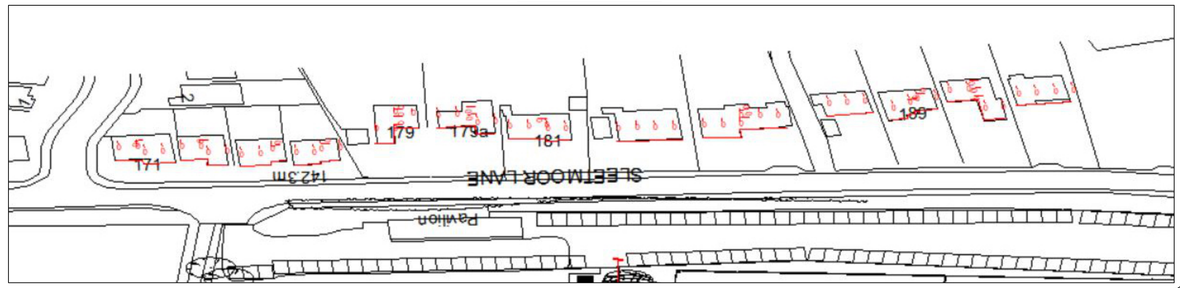
Calculation Label	Test Results	Max. Illum.
Sleetmore Lane 171_Ill_Seg1	PASS	0
Sleetmore Lane 171_Ill_Seg2	PASS	0
Sleetmore Lane 171_Ill_Seg3	PASS	0
Sleetmore Lane 179_Ill_Seg1	PASS	0
Sleetmore Lane 179_Ill_Seg2	PASS	0
Sleetmore Lane 179_Ill_Seg3	PASS	0
Sleetmore Lane 173_Ill_Seg1	PASS	0
Sleetmore Lane 173_Ill_Seg2	PASS	0
Sleetmore Lane 173_Ill_Seg3	PASS	0
Sleetmore Lane 175_Ill_Seg1	PASS	0
Sleetmore Lane 175_Ill_Seg2	PASS	0
Sleetmore Lane 175_Ill_Seg3	PASS	0
Sleetmore Lane 177_Ill_Seg1	PASS	0
Sleetmore Lane 177_Ill_Seg2	PASS	0
Sleetmore Lane 177_Ill_Seg3	PASS	0
Sleetmore Lane 179a_Ill_Seg1	PASS	0
Sleetmore Lane 179a_Ill_Seg2	PASS	0
Sleetmore Lane 179a_Ill_Seg3	PASS	0
Sleetmore Lane 193_Ill_Seg1	PASS	0

Luminous Intensity (Cd) At Vertical Planes
Maximum Allowable Value: 2500 Cd

Calculations Tested (19):

Calculation Label	Test Results
Sleetmore Lane 171_Cd_Seg1	PASS
Sleetmore Lane 171_Cd_Seg2	PASS
Sleetmore Lane 171_Cd_Seg3	PASS
Sleetmore Lane 179_Cd_Seg1	PASS
Sleetmore Lane 179_Cd_Seg2	PASS
Sleetmore Lane 179_Cd_Seg3	PASS
Sleetmore Lane 173_Cd_Seg1	PASS
Sleetmore Lane 173_Cd_Seg2	PASS
Sleetmore Lane 173_Cd_Seg3	PASS
Sleetmore Lane 175_Cd_Seg1	PASS
Sleetmore Lane 175_Cd_Seg2	PASS
Sleetmore Lane 175_Cd_Seg3	PASS
Sleetmore Lane 177_Cd_Seg1	PASS
Sleetmore Lane 177_Cd_Seg2	PASS
Sleetmore Lane 177_Cd_Seg3	PASS
Sleetmore Lane 179a_Cd_Seg1	PASS
Sleetmore Lane 179a_Cd_Seg2	PASS
Sleetmore Lane 179a_Cd_Seg3	PASS
Sleetmore Lane 193_Cd_Seg1	PASS

Vertical View - 3m High Points



Full Lighting Levels – Obtrusive Light Breakdown

Scale	Project Number
1: 250 at A1	D1
Date	Drawing No.
20/07/2020	Design A

Lighting Designer : Tom Ford

HEA Highway Electrical Association · HEMSA · ILP Institution of Lighting Professionals · SNCA Street Lighting Contractor

For our LED lighting designs a 0.9mf has been used. If this differs from the maintenance period for this project then you must advise us accordingly

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A1