

DATE: 4 March 2021
DESIGNER: Brian Smith
PROJECT No: ASD-NE-SL-2020-21-029
PROJECT NAME: Skelmanthorpe, Huddersfield



BS5489_2020
Lighting Class P4
Eav = 5.00 - 7.50 Lux
Emin = 1.00 Lux

Outdoor Lighting Report

PREPARED BY: ASD Lighting PLC,
Mangham Road,
Barbot Hall Industrial Estate,
Rotherham,
S61 4RJ.

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 423147.0m x 411034.0m
Area 120.0m x 120.0m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

Supplier	
Type	HWD2-#4K12 500-M1-CLO Gen 5
Lamp(s)	LED
LampFlux(klm)/Colour	2.26 4000/72
File Name	HWD2-#4K12 500-M1-CLO (18W).ldt
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	714.7, 165.9, 0.6
No. in Project	4

Luminaire J Data

Supplier	_Historic Lanterns
Type	SGS201 TP PC P4
Lamp(s)	SON-TPP50W
LampFlux(klm)/Colour	4.40 -/
File Name	SGS201 1xSON-TPP50W TP PC P4.ltd
Maintenance Factor	0.76
Imax70,80,90(cd/klm)	596.0, 45.0, 5.0
No. in Project	3

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	J	423147.02	411127.85	6.00	330.00	0.00	0.00	1.60			
2	J	423136.56	411088.17	8.00	150.00	0.00	0.00	1.50			
3	J	423172.79	411163.60	6.00	325.00	0.00	0.00	1.50			
4	A	423173.63	411132.00	6.00	247.00	0.00	0.00	0.30			
5	A	423203.11	411112.96	6.00	232.00	0.00	0.00	0.30			
6	A	423220.22	411095.64	6.00	226.00	0.00	0.00	0.30			
7	A	423217.36	411076.28	6.00	78.00	0.00	0.00	0.30			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.06
Emin	1.27
Emax	17.62
Emin/Emax	0.07
Emin/Eav	0.25