DATE:	**22 July 2021**
DESIGNER:	**JL**
PROJECT No:	**22855**
PROJECT NAME:	**RAF Upwood, Plots 31 - 160**

22855-A-01C

Lighting Classification P4

Outdoor Lighting Report

PREPARED BY:

Harttron Ltd
Units 3-3a
Second Avenue
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Poynton
Cheshire
SK12 1ND
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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 527265.5m x 283412.2m
Area 327.0m x 174.0m
Sample Spacing 1.54m x 1.50m

Luminaires



Luminaire A Data

Supplier	Philips
Type	BGP702 DM70
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	4.80
File Name	Luma Gen2 Micro_BGP702_DM70_4800_20LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.82
Imax70,80,90(cd/klm)	385.8, 389.0, 0.0
No. in Project	9

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
14	A	527316.61	283562.86	6.00	38.00	0.00	0.00	0.30			
15	A	527353.35	283567.70	6.00	257.00	0.00	0.00	0.30			
16	A	527395.05	283560.73	6.00	272.00	0.00	0.00	0.30			
17	A	527423.59	283559.42	6.00	215.00	0.00	0.00	0.30			
18	A	527456.58	283542.10	6.00	72.00	0.00	0.00	0.30			
23	A	527496.36	283549.57	6.00	262.00	0.00	0.00	0.30			
26	A	527526.21	283501.17	6.00	176.00	0.00	0.00	0.30			
27	A	527520.87	283532.86	6.00	344.00	0.00	0.00	0.30			
28	A	527556.14	283520.26	6.00	76.00	0.00	0.00	0.30			

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PROJECT No: 22855 PROJECT NAME: RAF Upwood, Plots 31 - 160

Horizontal Illuminance (lux)

Grid 1



Results

Eav	4.77
Emin	0.09
Emax	17.06
Emin/Emax	0.01
Emin/Eav	0.02

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