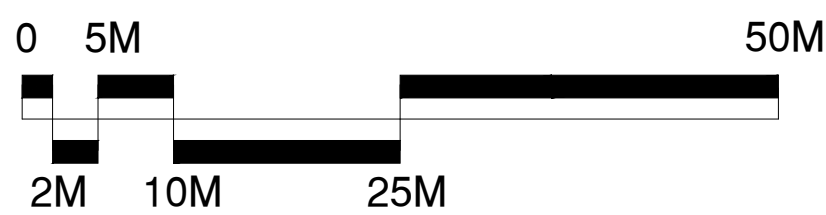


Knowsley MBC - Jubilee Park

Creation of an Artificial Grass Pitch





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3. ALL PERSONNEL SHOULD BE AWARE OF THE HEALTH AND SAFETY PLAN WHICH IS RETAINED IN THE SITE MANAGERS OFFICE.

Horizontal Ground Spillage

Horizontal Spillage 3.0m Above Ground Level

Floodlight System
6no. Columns 10m high
Lighting Design meets the requirements of the FA Guide to Floodlighting

Property	Standard	Maintained
11v11 Maintained Avg Illuminance	≥200 Lux	234 Lux
11v11 Min/Avg Uniformity	≥0.6	0.60

Design in accordance with ILP Guidance Note 1 (2021) For The Reduction Of Obtrusive Light and adheres to the requirements of an E3 Environmental Zone.

0% Upward Light Ratio
<1lux on vertical illuminance on adjacent residential Properties
Pre-curfew and <0.1lux post-curfew.

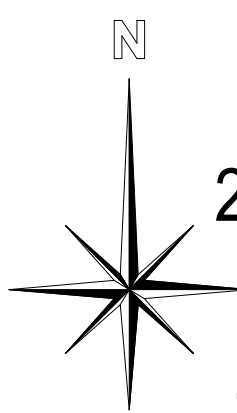
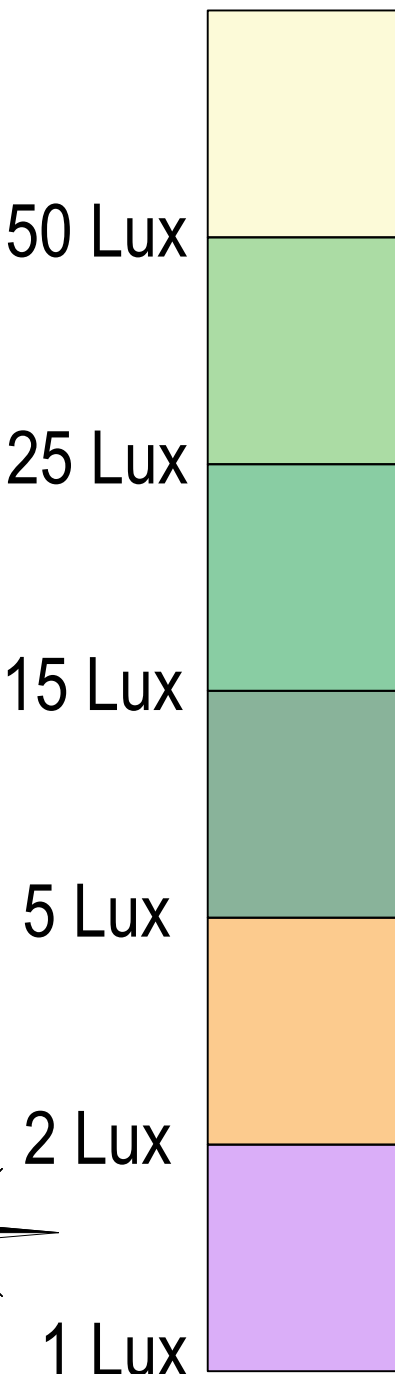


Chart of example lux levels for reference

Lighting conditions	Lux level	Lighting conditions	Lux level
British summer sunshine	50,000	Typical side road lighting	5
Overcast sky	5,000	Minimum security lighting	2
Well-lit office	500	Twilight	1
Minimum for easy reading	300	Clear full moon	0.25 to <1
Passageway or outside working area	50	Typical moonlight/cloudy sky	0.1
Good main road lighting	5-20	Typical starlight	0.001
Sunset	10	Poor starlight	0.0001

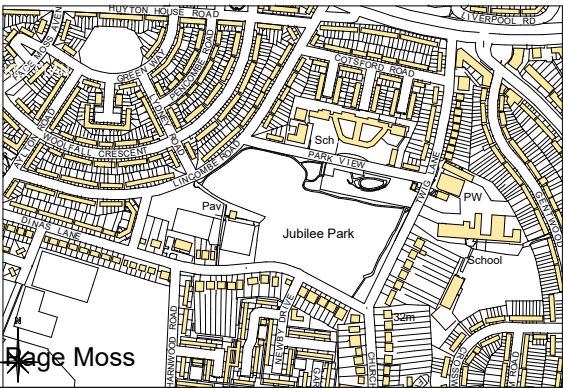
Source: IPCCTV specialists use-IP Ltd

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Surfacing Standards Limited
SPORTS PITCH CONSULTANTS



AUTHOR
ME

TITLE
Knowsley MBC - Jubilee Park
Creation of an Artificial Grass Pitch
Floodlighting Scheme

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DRAWING No 06	REVISION 00	