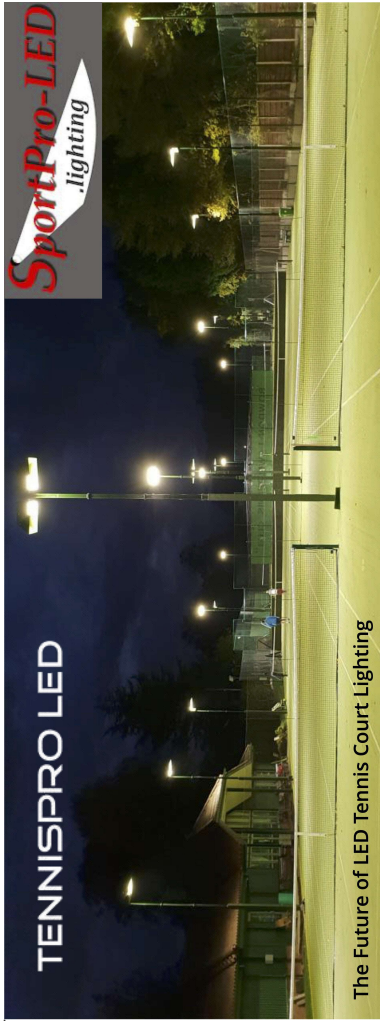




TennisPro LED is the ultimate in LED tennis court floodlighting

Using critically controlled LED lighting arrays the TennisPro LED floodlight produces optimum lighting levels whilst reducing light spillage and glare.

These floodlights are design for use in difficult lighting situations where dark skies compliance and light spillage must be kept to a minimum.

The TennisPro LED floodlight uses soft start technology to reduce the switched load impact and increase component life.

A true retrofit LED floodlight to replace the old style HID metal halide lights.

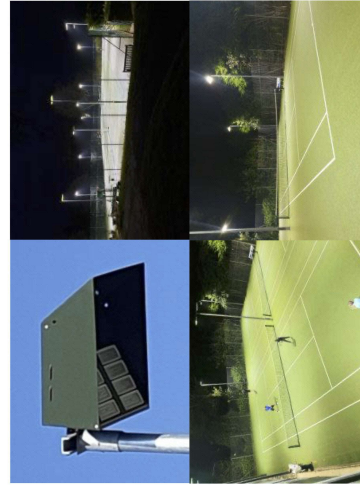
The TennisPro can offer a dimmable lighting solution to provide full match or practice lighting levels helping to further reduce running costs.

Long life and high reliability with a five year warranty as standard and an expected life of over 50,000hrs.



The TennisPro LED uses multi-optic technology to fine tune the light distribution to provide optimum coverage.

- Energy savings of over 50% can be made when replacing HID floodlights.
- Ultracool system reduces the internal floodlight temperature increasing component life.
- All internal and external fixings are made from stainless steel
- With a High quality powder coat finish and an IP67 rating the TennisPro LED floodlight is prepared for the harshest of environments.



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Email sales@sportslightinguk.co.uk
Web : sportslightinguk.co.uk

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Project:: Wythenshawe Padel & Pickle
TennisPro LED / SportPro LED Floodlighting
8m lighting columns
Maintenance factor 1

SPORTS LIGHTING UK

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Carleton Road
Poynton, Cheshire, SK12 1TL
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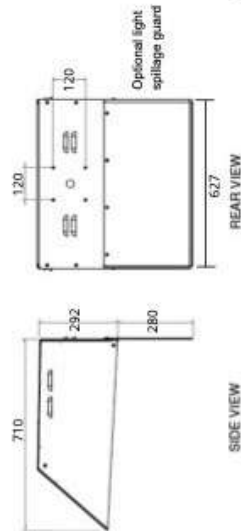


Luminaire Data

Philips Lumileds 5050 LEDs
 Colour temperature, 5000K
 Voltage, 90 - 305V (230v)
 Housing Colour, RAL6007
 LED Lumen Output, >170lpw CRI >70
 High Power Factor >0.96
 High Efficiency >0.95
 IP67

Typical life expectancy, 50,000hrs

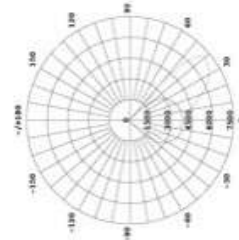
- Uses the latest multi optic technology.
- Ultra High Efficiency LED arrays.
- Temperature / surge & short circuit protected.
- 5 Year Warranty.
- High LED Lighting uniformity.
- Stainless Steel Fixings.
- Strong Corrosion Resistant Aluminium Housing.
- High Quality Powder Coat Finish.
- Dimmable 0v - 10v (with additional cabling)
- Suitable upgrade for 1 & 2Kw HID floodlights.
- Supplied with a universal mounting bracket.



Universal mounting bracket

Floodlight options :-

TP750AB - 750w LED >115,200 lumen output, nw - 22.8Kg inc bracket
 TP630AB - 630w LED > 96,000 lumen output, nw - 21.8Kg inc bracket
 TP500AB - 500w LED > 76,800 lumen output, nw - 19.8Kg inc bracket
 TP380AB - 380w LED > 57,600 lumen output, nw - 18.8Kg inc bracket
 TP260AB - 260w LED > 38,400 lumen output, nw - 16.8Kg inc bracket



Polar Intensity Diagram
 Asymmetric beam pattern

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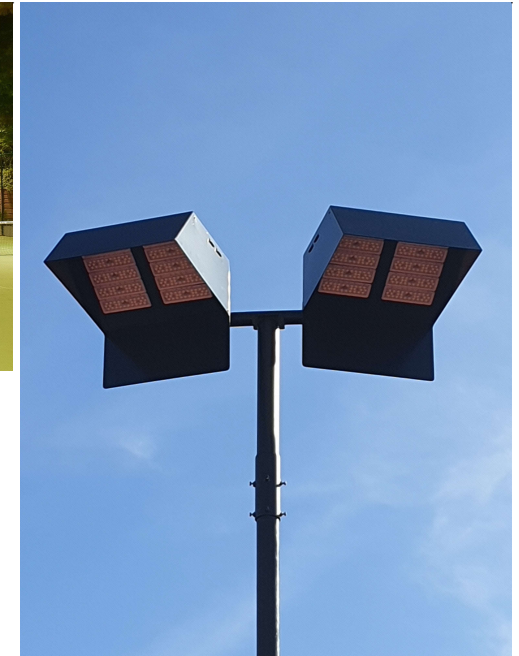
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Luminaire Schedule						
Symbol	Qty	Label	Total Lumens	LLF	Description	Total Watts
	2	SP260AB	39120	1.000	SportPro LED 260w floodlight	480
	8	SP360AB	58680	1.000	SportPro LED 360w floodlight	2880
	12	TP500AB	78240	1.000	TennisPro LED 500w floodlight	5760

Calculation Summary				
Label	CalcType	Units	Avg	Min/Avg
5-a-side pitch	Illuminance	Lux	263	0.57
Car Park	Illuminance	Lux	128	0.21
Car Park_1	Illuminance	Lux	30	0.57
ObtrusiveLight_1_Cd_Seg1	Obtrusive - Cd	N.A.	0	N.A.
ObtrusiveLight_1_Ill_Seg1	Obtrusive - Ill	Lux	0	N.A.
Padel 4	Illuminance	Lux	457	0.76
Padel 5	Illuminance	Lux	456	0.75
Padel 6	Illuminance	Lux	459	0.75
Tennis 2	Illuminance	Lux	570	0.96

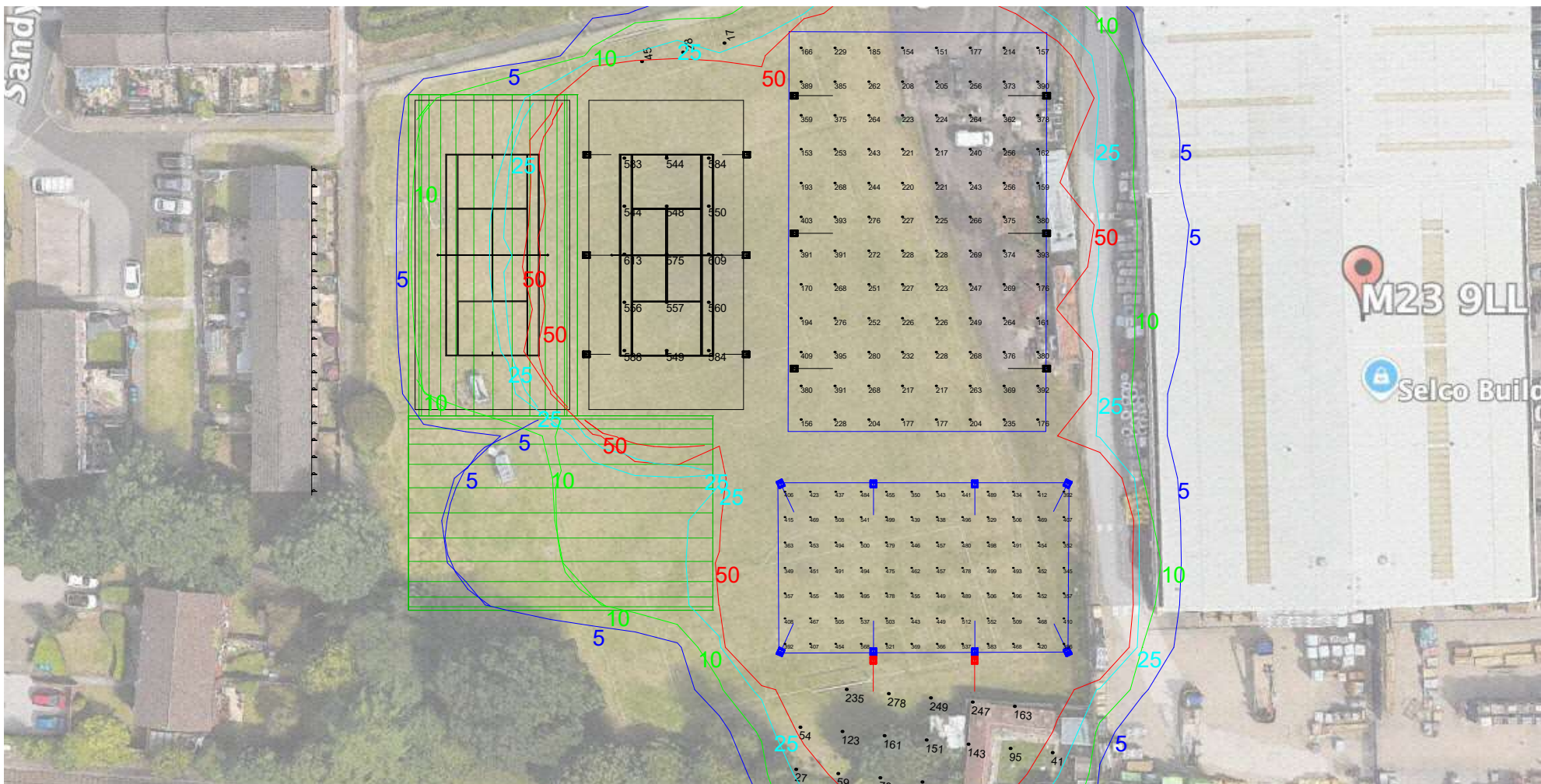
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Light Spillage @ 0m no obstacles

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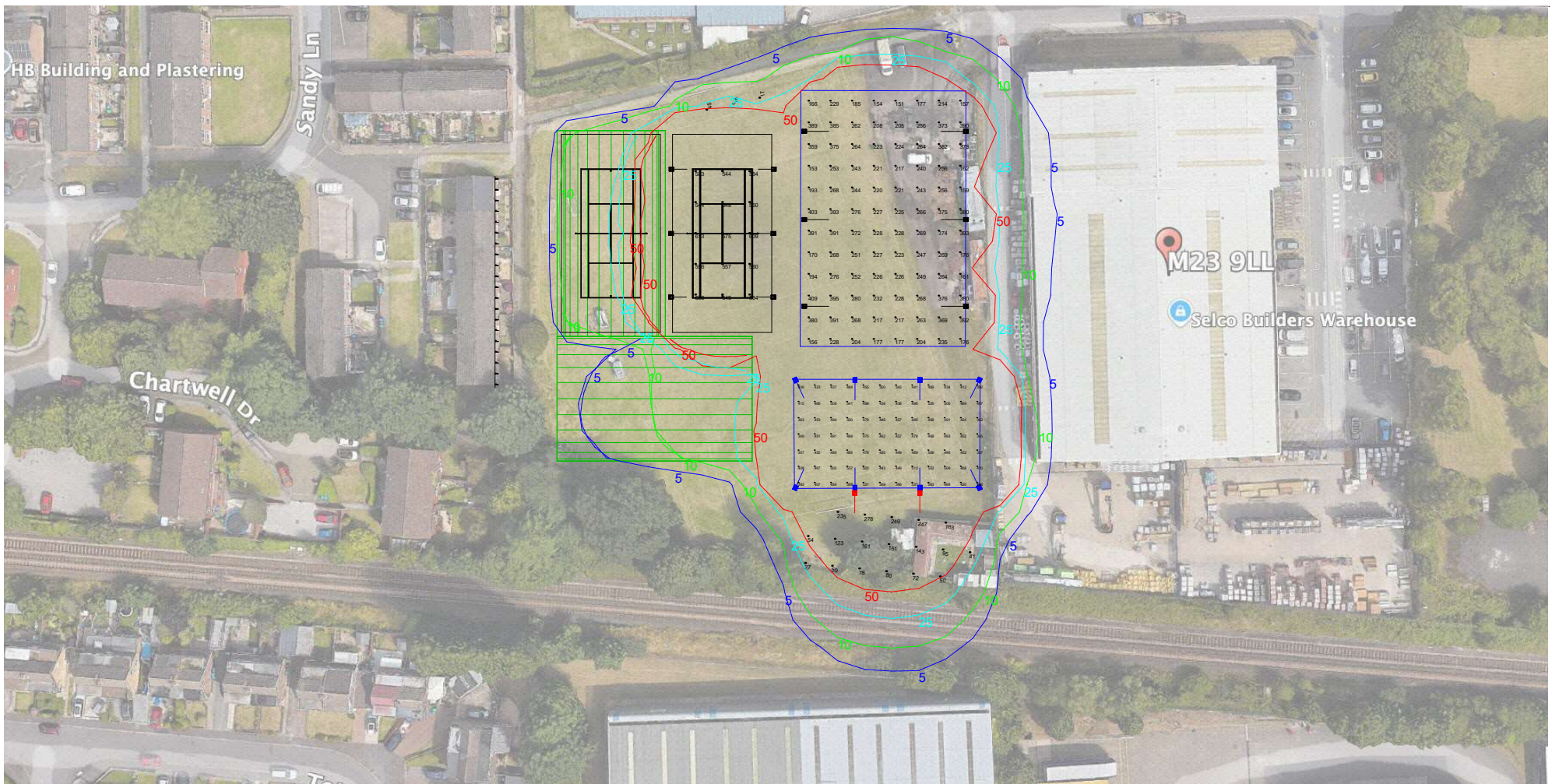
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Cumulative Light Spillage @ 0m no obstacles

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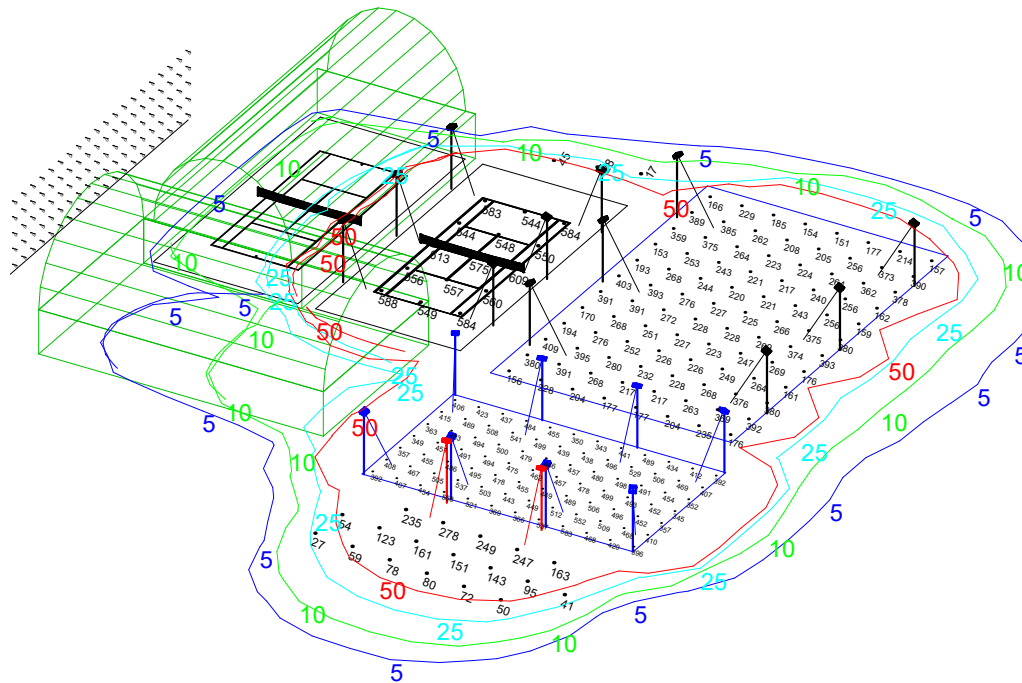
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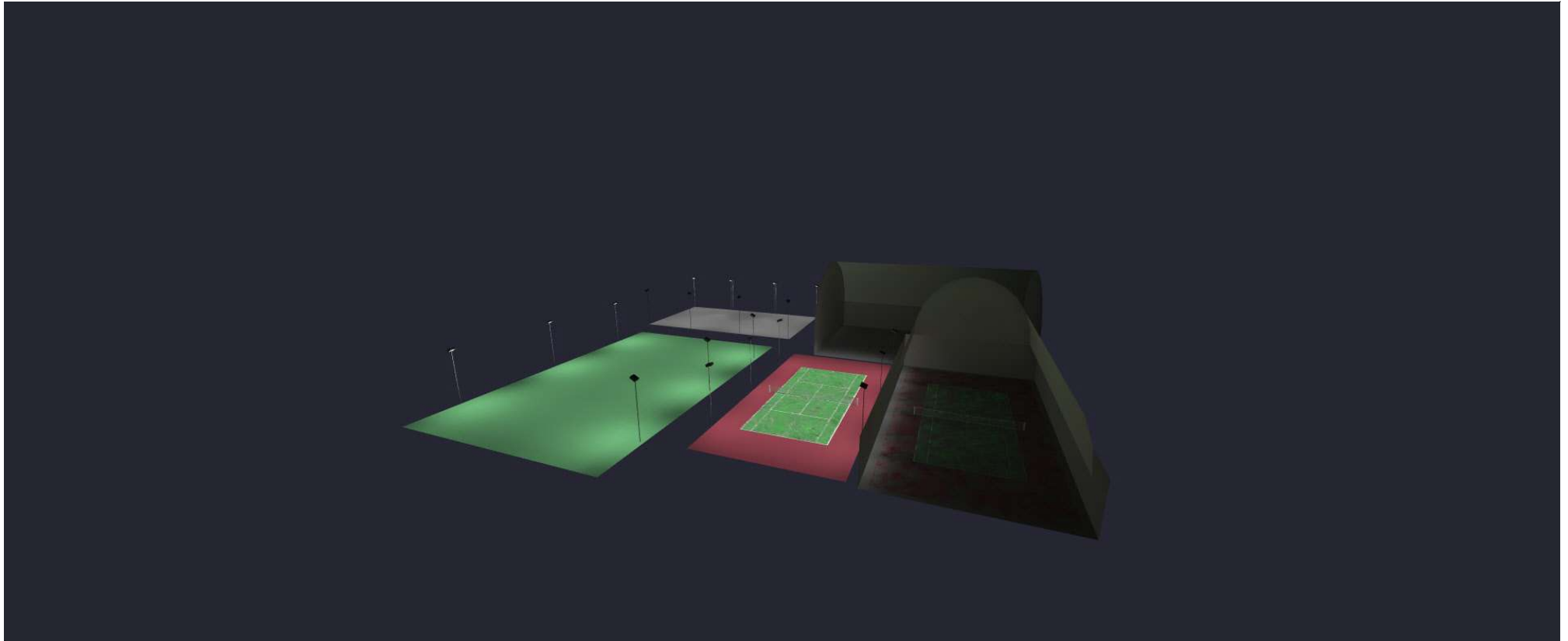
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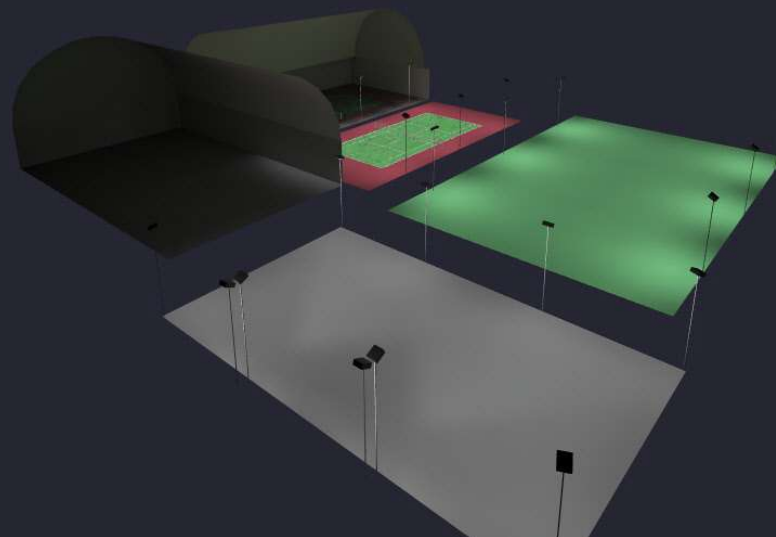
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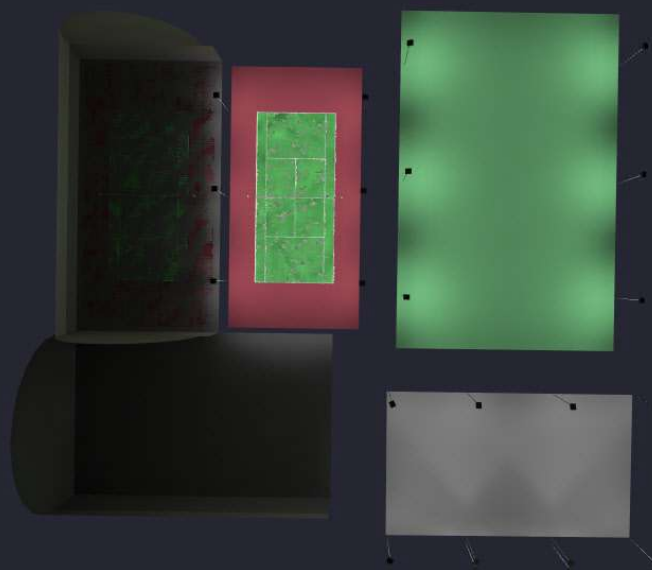
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Residential properties vertical light spillage

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