

The LED Store Project 2784

CAUTION: The performed design & lux level calculation has been carried out using the specified luminaires & layouts - any deviations to product and/or layout will result in variations in the lux levels and overall lighting scheme and could affect compliance.

Date: 21.01.2021
Operator: The LED Store



Operator The LED Store

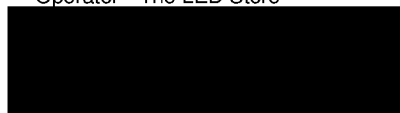


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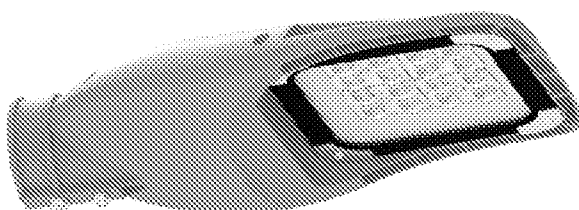


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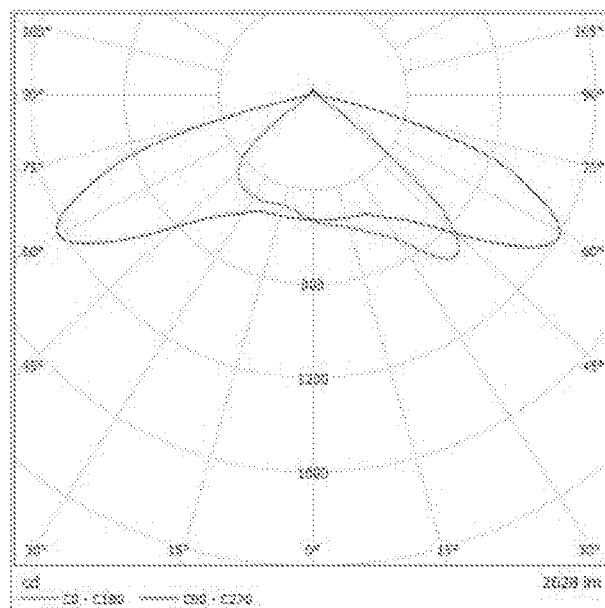
The LED Store LSTESL-020 LED ECO STREET LANTERN LIGHT 20W / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 36 77 97 96 100

Luminous emittance 1:



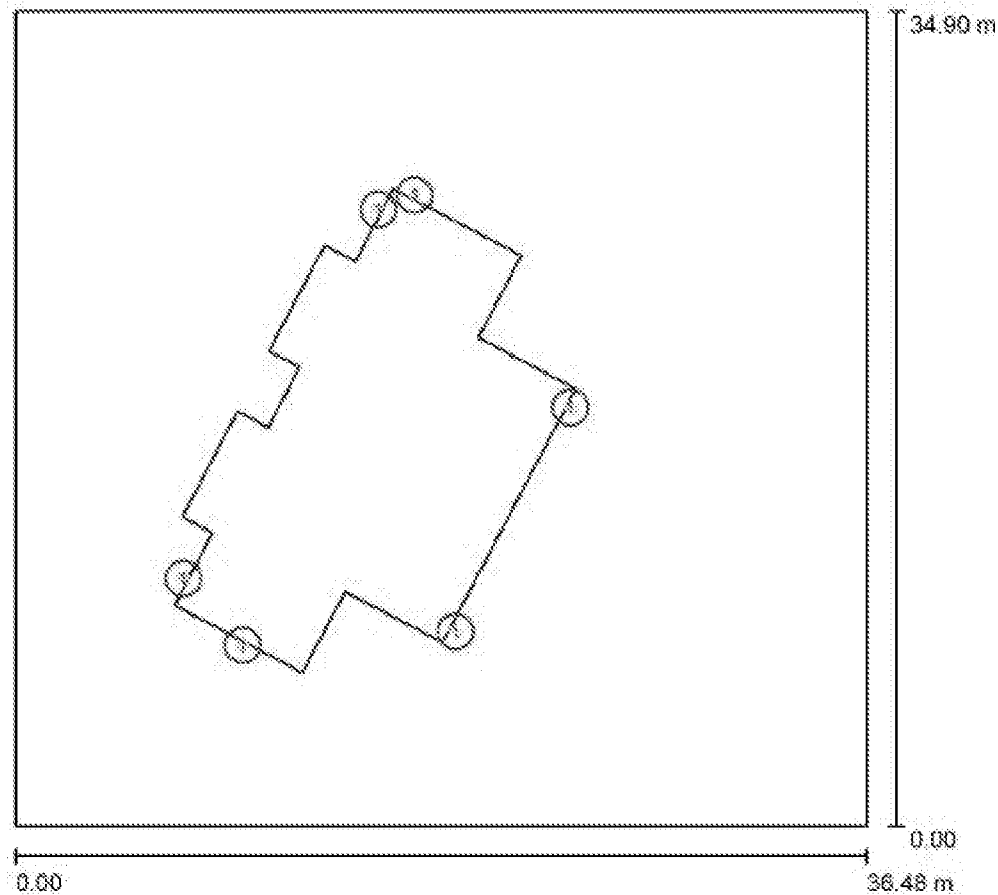
Due to missing symmetry properties, no UGR table can be displayed for this luminaire.



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Tyrone House / Planning data



Maintenance factor: 0.80, Mounting Height: 4.900m, Boom Angle: 0.0° ,
ULR (Upward Light Ratio): 0.0%

Scale 1:324

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	6	The LED Store LSTESL-020 LED ECO STREET LANTERN LIGHT 20W (1.000)	2628	2628	20.1
Total:			15768	15768	120.6



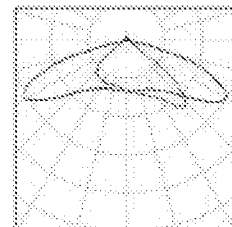
Operator The LED Store



Tyrone House / Luminaire parts list

6 Pieces The LED Store LSTESL-020 LED ECO STREET
LANTERN LIGHT 20W
Article No.: LSTESL-020
Luminous flux (Luminaire): 2628 lm
Luminous flux (Lamps): 2628 lm
Luminaire Wattage: 20.1 W
Luminaire classification according to CIE: 100
CIE flux code: 36 77 97 96 100
Fitting: 1 x LSTESL-020 (Correction Factor
1.000).

See our luminaire
catalog for an image of
the luminaire.

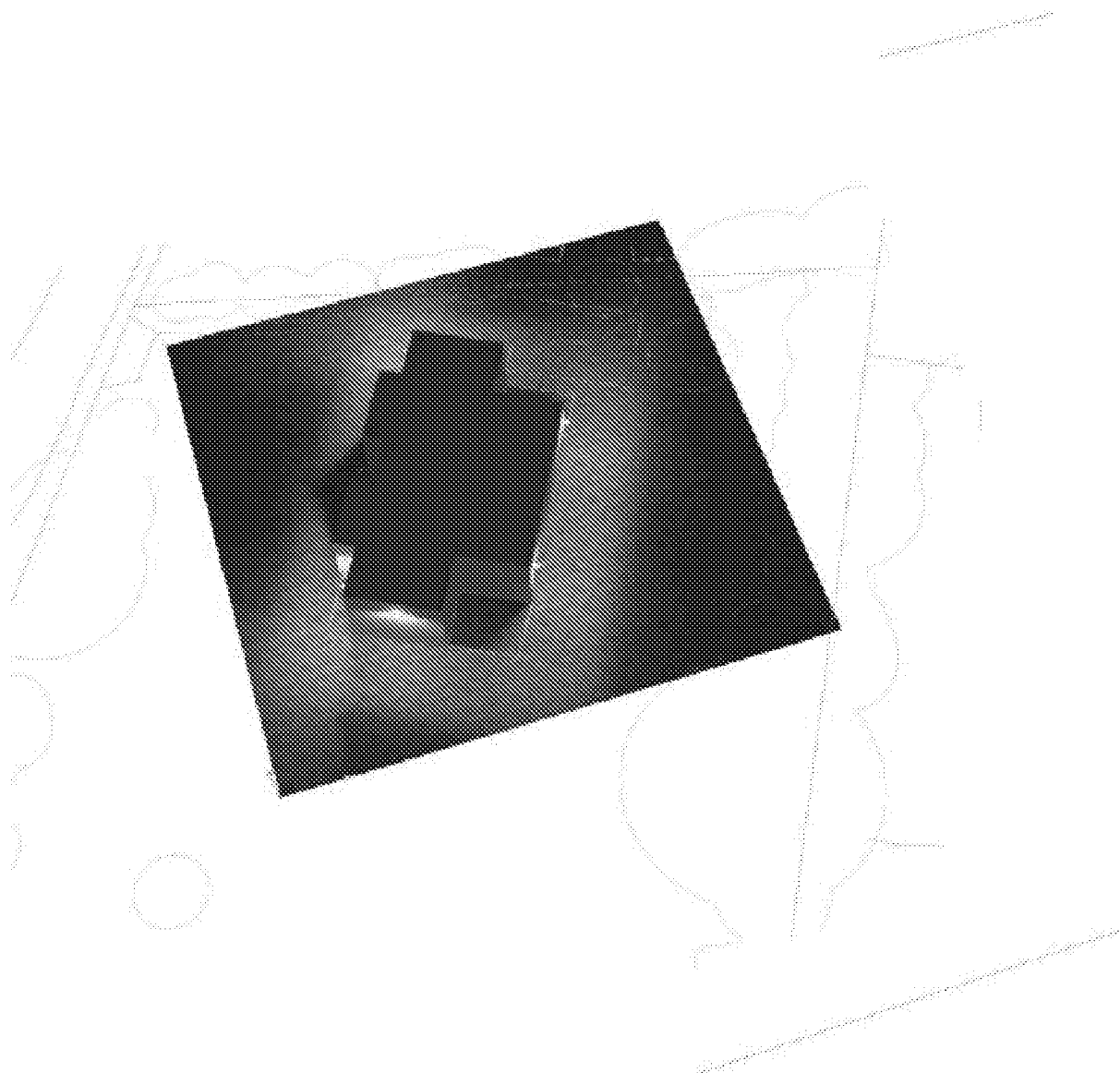




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Tyrone House / 3D Rendering

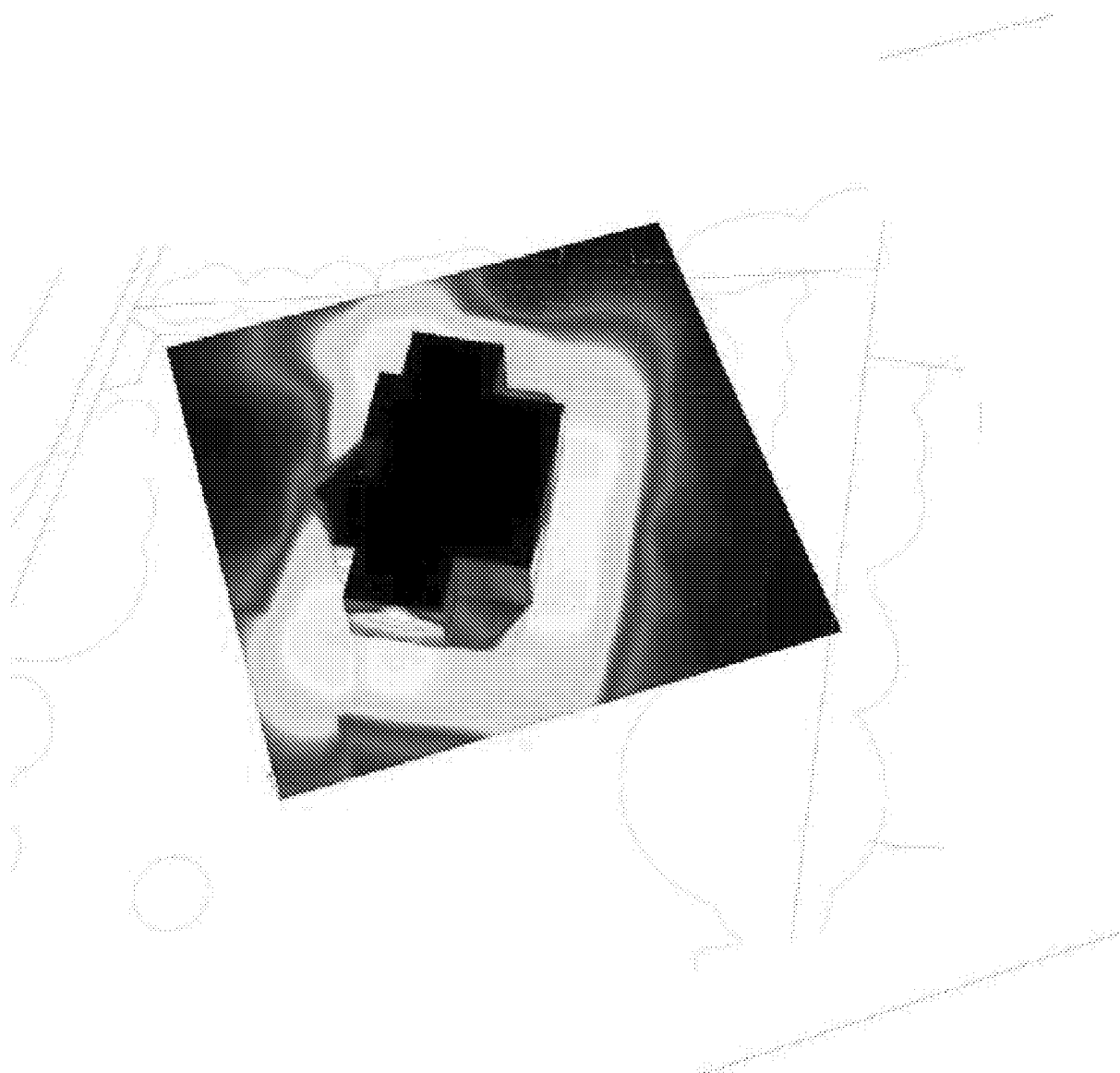




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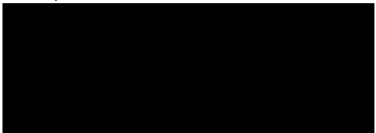
Tyrone House / False Colour Rendering



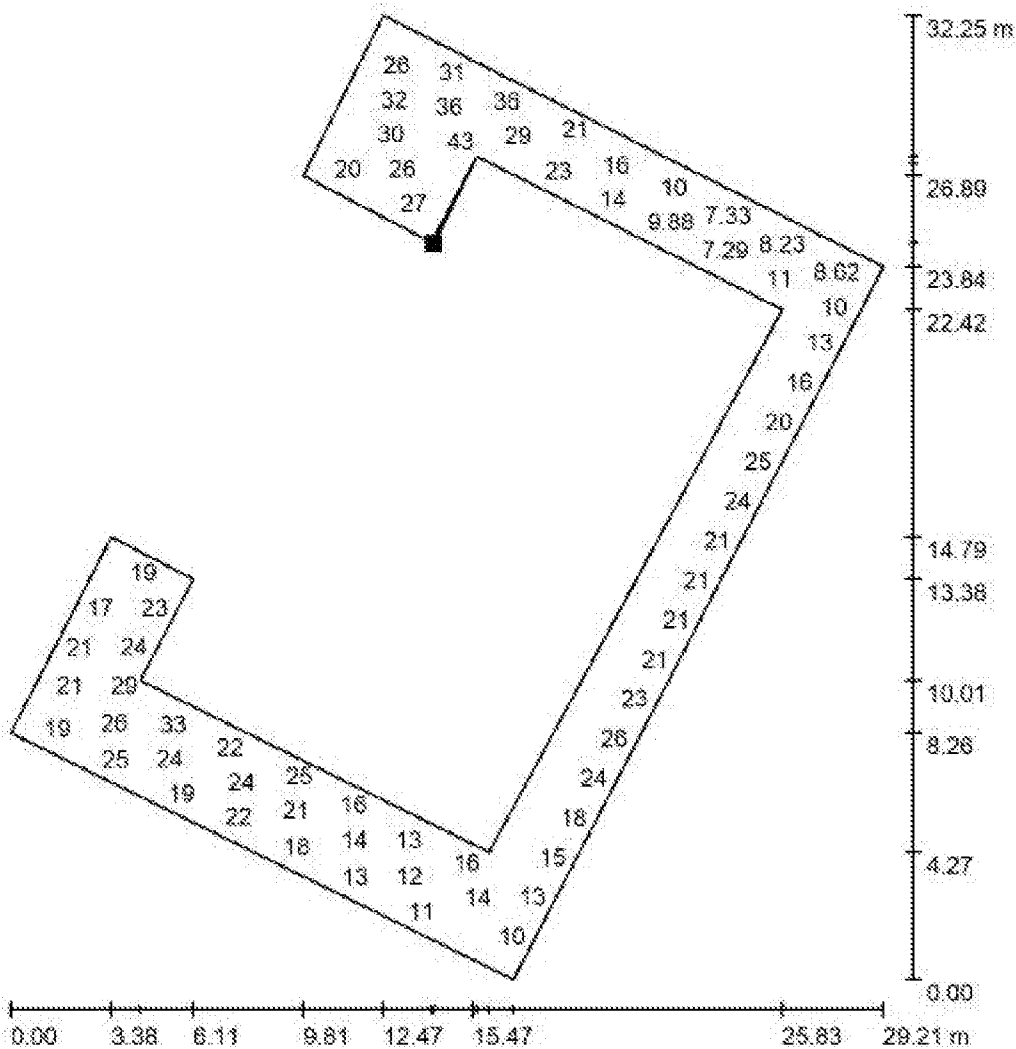
0 1 2 5 10 20 40 60 80 lx



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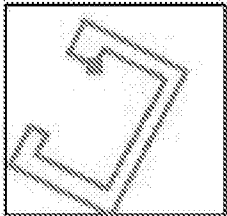
Tyrone House / Calculation Surface / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 253

Not all calculated values could be displayed.

Position of surface in external scene:
Marked point:
(14.888 m, 24.620 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]
20

E_{min} [lx]
5.73

E_{max} [lx]
46

u_0
0.289

E_{min} / E_{max}
0.126