

The LED Store Project 3733

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: 05.11.2025
Operator: The LED Store



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The LED Store Project 3733

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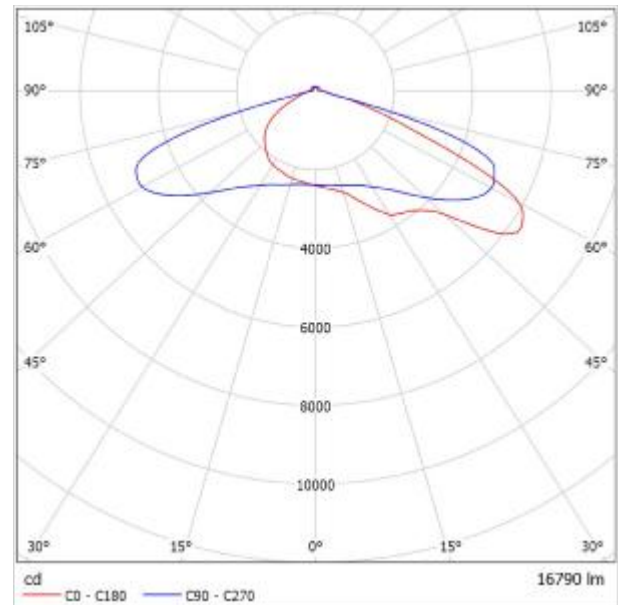
The LED Store LSTSAL-120-50X150 LED Shoebox Area Street Light 120w 50x150 Degree Beam Angle / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 27 66 96 96 100



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



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Roy Bendy, Eclipse Car Sales / Planning data



Maintenance factor: 0.80, Mounting Height: 8.000m, Boom Angle: 15.0° ,
ULR (Upward Light Ratio): 0.0%

Scale 1:740

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	6	The LED Store LSTSAL-120-50X150 LED Shoebox Area Street Light 120w 50x150 Degree Beam Angle (1.000)	16790	16790	120.1
Total:			100738	Total: 100738	720.6

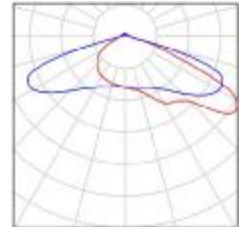


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Roy Bendy, Eclipse Car Sales / Luminaire parts list

6 Pieces The LED Store LSTSAL-120-50X150 LED
Shoebox Area Street Light 120w 50x150 Degree
Beam Angle
Article No.: LSTSAL-120-50X150
Luminous flux (Luminaire): 16790 lm
Luminous flux (Lamps): 16790 lm
Luminaire Wattage: 120.1 W
Luminaire classification according to CIE: 100
CIE flux code: 27 66 96 96 100
Fitting: 1 x LSTSAL-120-50X150 (Correction
Factor 1.000).

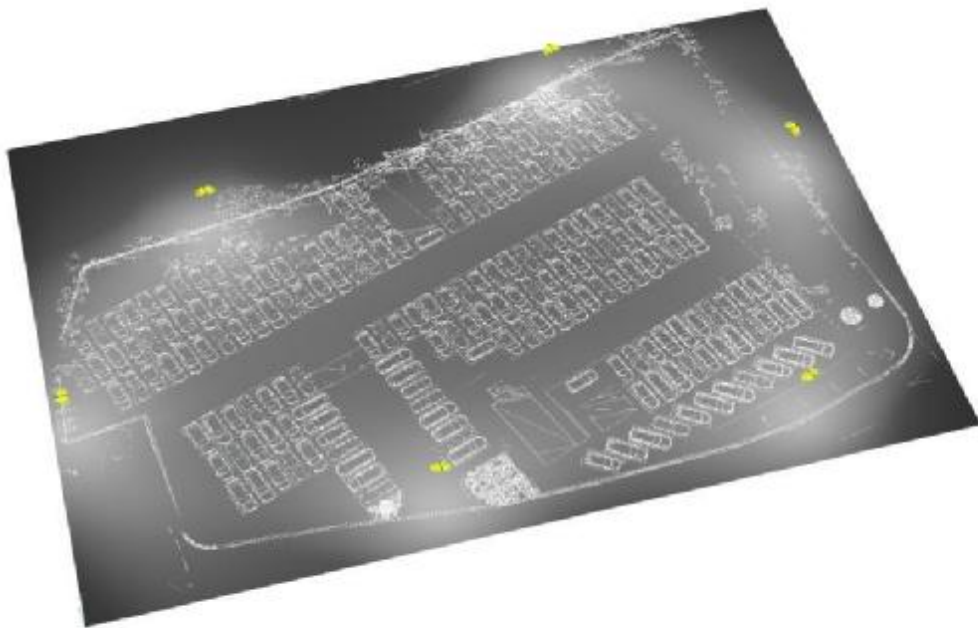
See our luminaire
catalog for an image of
the luminaire.





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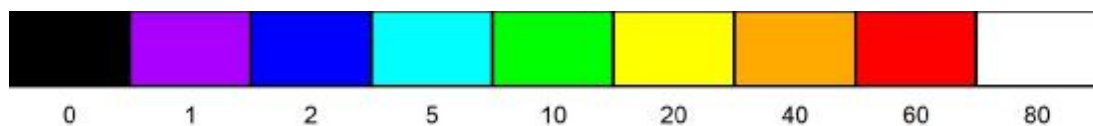
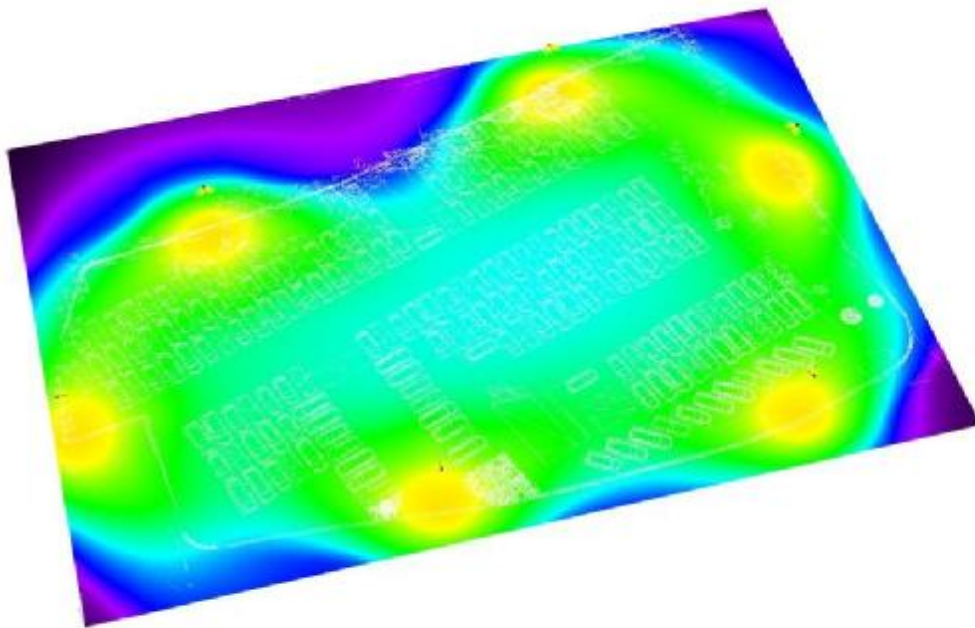
Roy Bendy, Eclipse Car Sales / 3D Rendering





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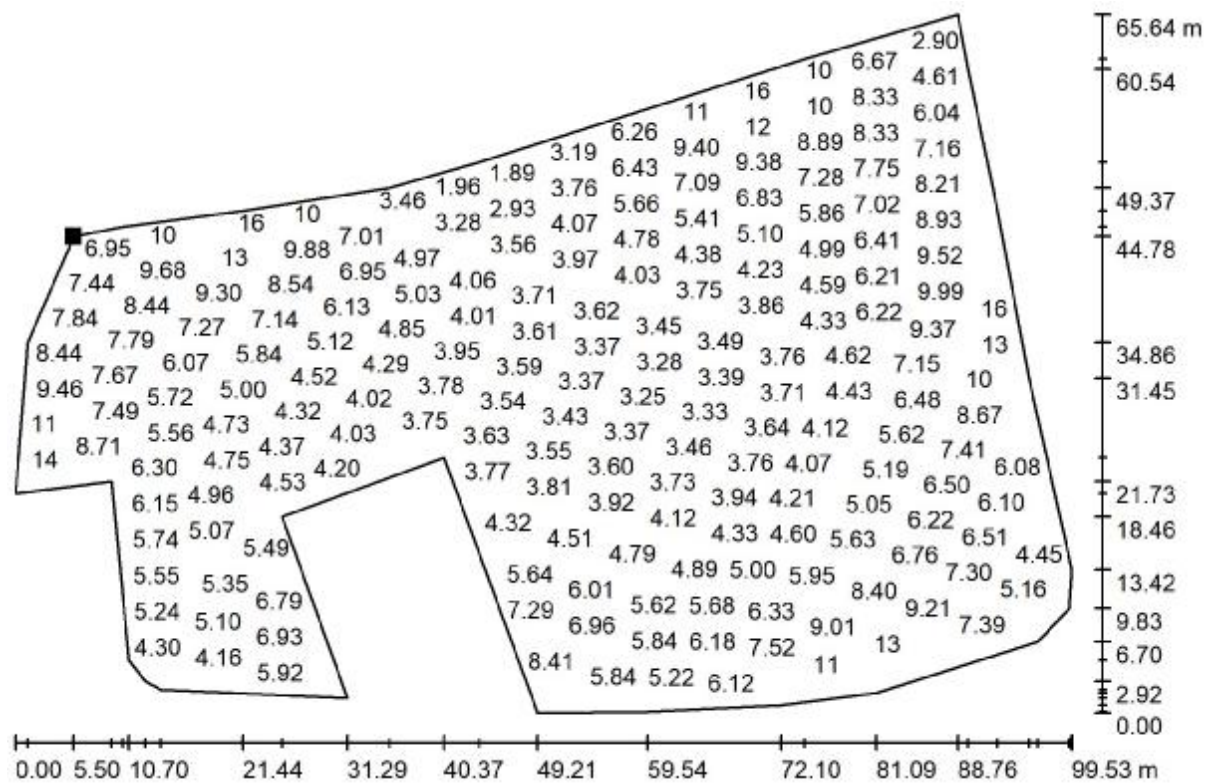
Roy Bendy, Eclipse Car Sales / False Colour Rendering



lx

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Roy Bendy, Eclipse Car Sales / Carwash Area / Value Chart (E, Perpendicular)



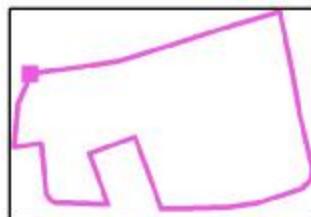
Values in Lux, Scale 1 : 712

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(7.160 m, 48.639 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]
6.13

E_{min} [lx]
1.16

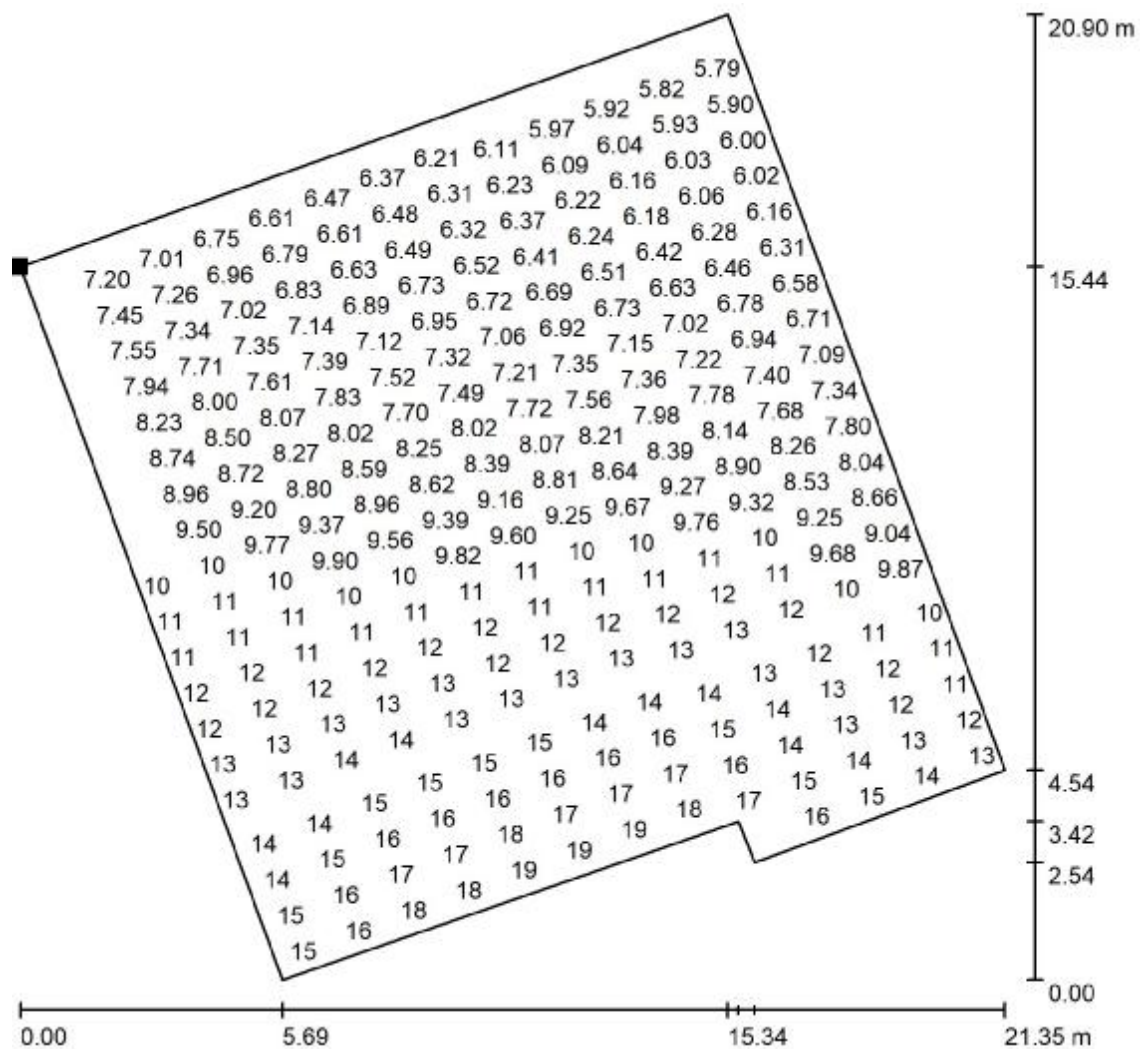
E_{max} [lx]
20

u_0
0.189

E_{min} / E_{max}
0.058

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Roy Bendy, Eclipse Car Sales / Customer Parking / Value Chart (E, Perpendicular)



Values in Lux, Scale 1 : 164

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(26.735 m, 22.223 m, 0.000 m)



Grid: 64 x 64 Points

E_{av} [lx]
10

E_{min} [lx]
5.69

E_{max} [lx]
20

u_0
0.568

E_{min} / E_{max}
0.289