

The LED Store Project 3667

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: 29.05.2025
Operator: The LED Store



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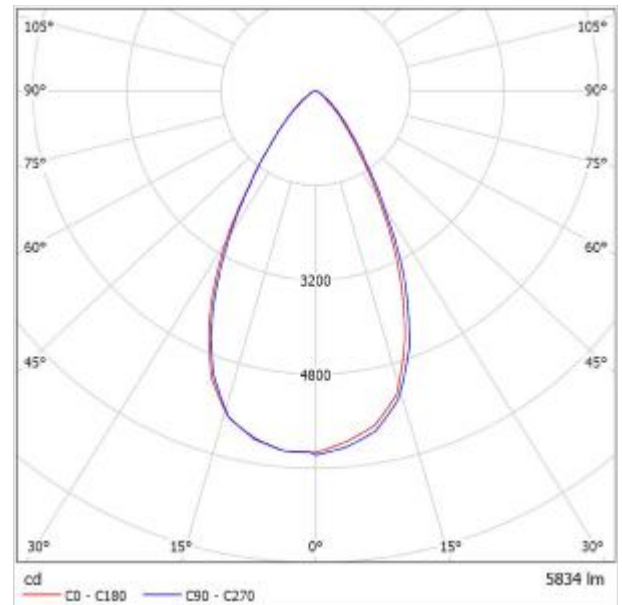
The LED Store LSTTFL-050-60 50W LED FLOOD SPOT LIGHT 60Degree Beam Angle / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 86 97 99 100 100



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



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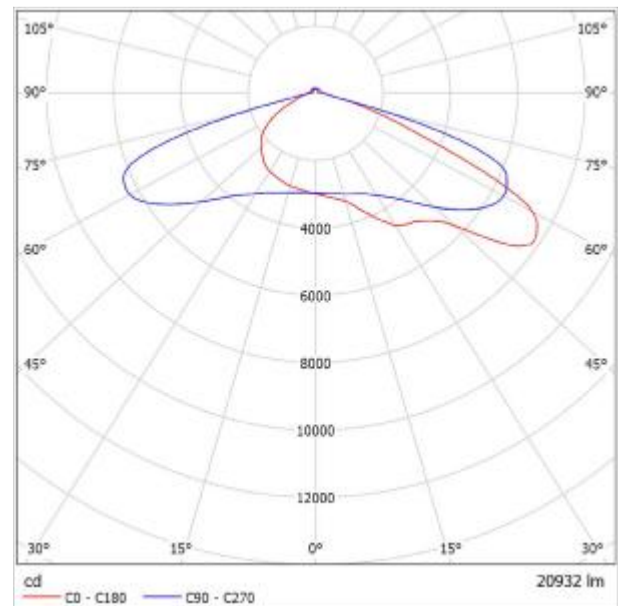
The LED Store LSTSAL-150-150x80 150W LED FLOOD SPORTS AREA LIGHT / EXTERIOR CAR PARK FLOOD LIGHTING 150x80 Degree Beam Angle / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.



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

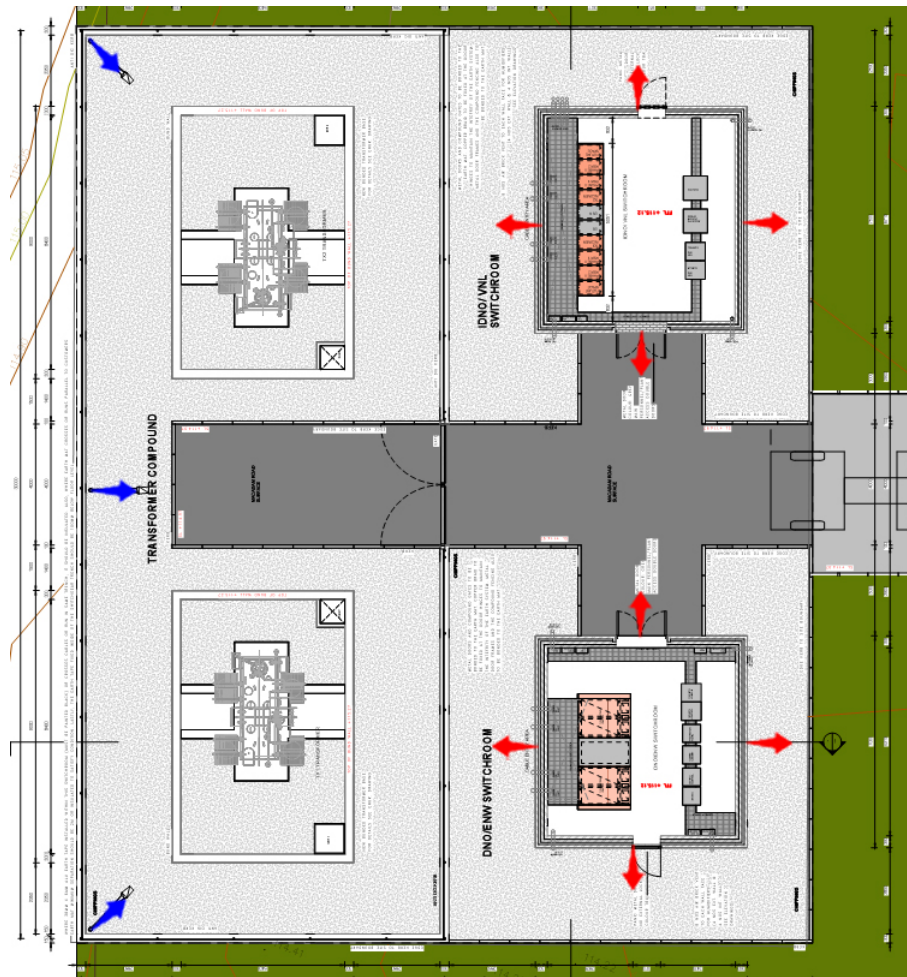
Luminous emittance 1:



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Indurent - Heywood Main Scheme / Planning data



↑ LSTSAL-150-150x80 @ 6M

↑ LSTTFL-050-60 @ 6M

Maintenance factor: 0.80, Mounting Height: 6.000m, Boom Angle: 0.0° ,
 ULR (Upward Light Ratio): 0.0%

Scale 1:280

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	3	The LED Store LSTSAL-150-150x80 150W LED FLOOD SPORTS AREA LIGHT / EXTERIOR CAR PARK FLOOD LIGHTING 150x80 Degree Beam Angle (1.000)	20932	20932	149.6
2	8	The LED Store LSTTFL-050-60 50W LED FLOOD SPOT LIGHT 60Degree Beam Angle (1.000)	5834	5834	50.6
Total:			109472	Total: 109472	853.6

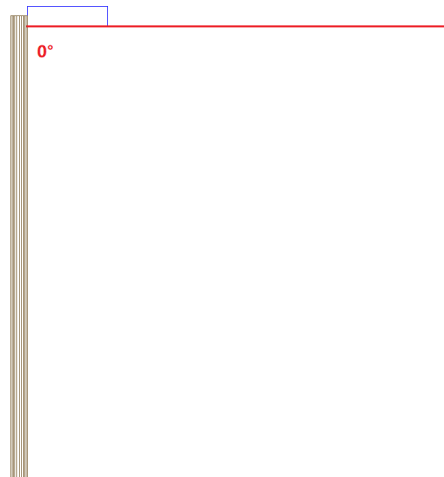
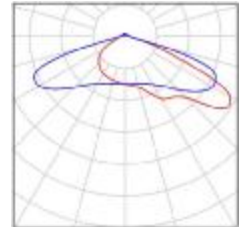


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Indurent - Heywood Main Scheme / Luminaire parts list

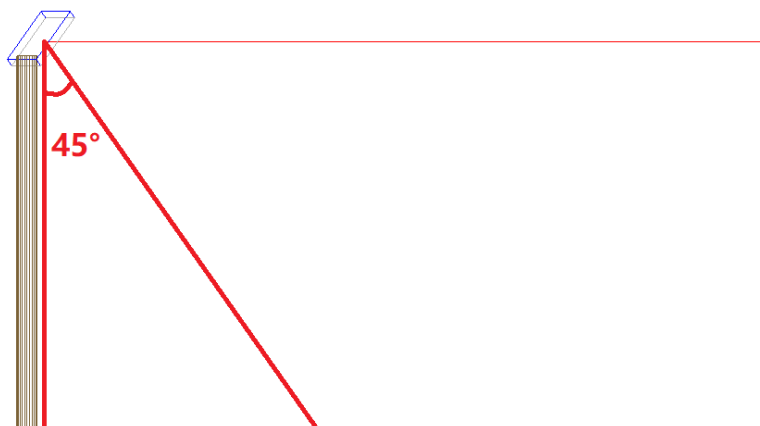
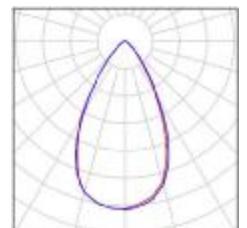
3 Pieces The LED Store LSTSAL-150-150x80 150W LED
 FLOOD SPORTS AREA LIGHT / EXTERIOR
 CAR PARK FLOOD LIGHTING 150x80 Degree
 Beam Angle
 Article No.: LSTSAL-150-150x80
 Luminous flux (Luminaire): 20932 lm
 Luminous flux (Lamps): 20932 lm
 Luminaire Wattage: 149.6 W
 Luminaire classification according to CIE: 100
 CIE flux code: 27 66 96 96 100
 Fitting: 1 x LSTSAL-150-150x80 (Correction
 Factor 1.000).

See our luminaire
 catalog for an image of
 the luminaire.



8 Pieces The LED Store LSTTFL-050-60 50W LED
 FLOOD SPOT LIGHT 60Degree Beam Angle
 Article No.: LSTTFL-050-60
 Luminous flux (Luminaire): 5834 lm
 Luminous flux (Lamps): 5834 lm
 Luminaire Wattage: 50.6 W
 Luminaire classification according to CIE: 100
 CIE flux code: 86 97 99 100 100
 Fitting: 1 x LSTTFL-050-60 (Correction Factor
 1.000).

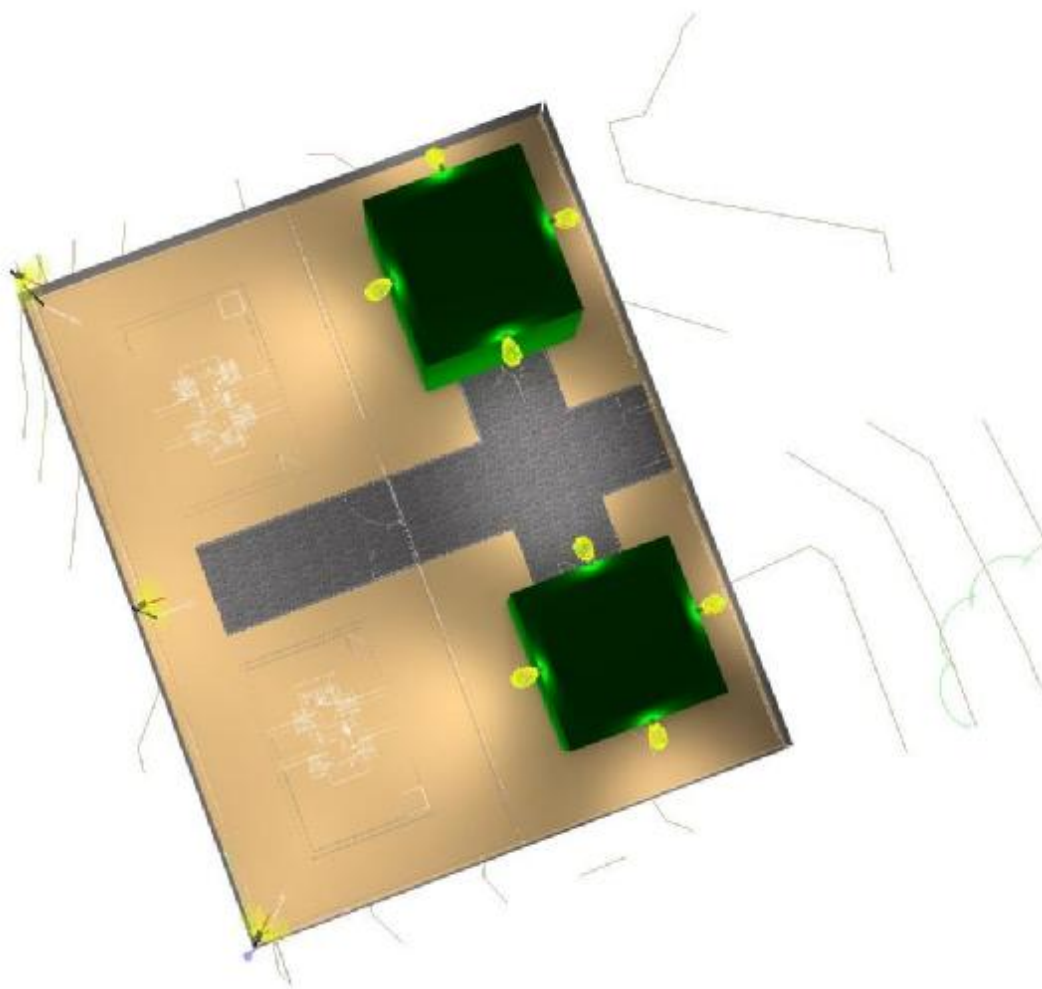
See our luminaire
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 the luminaire.





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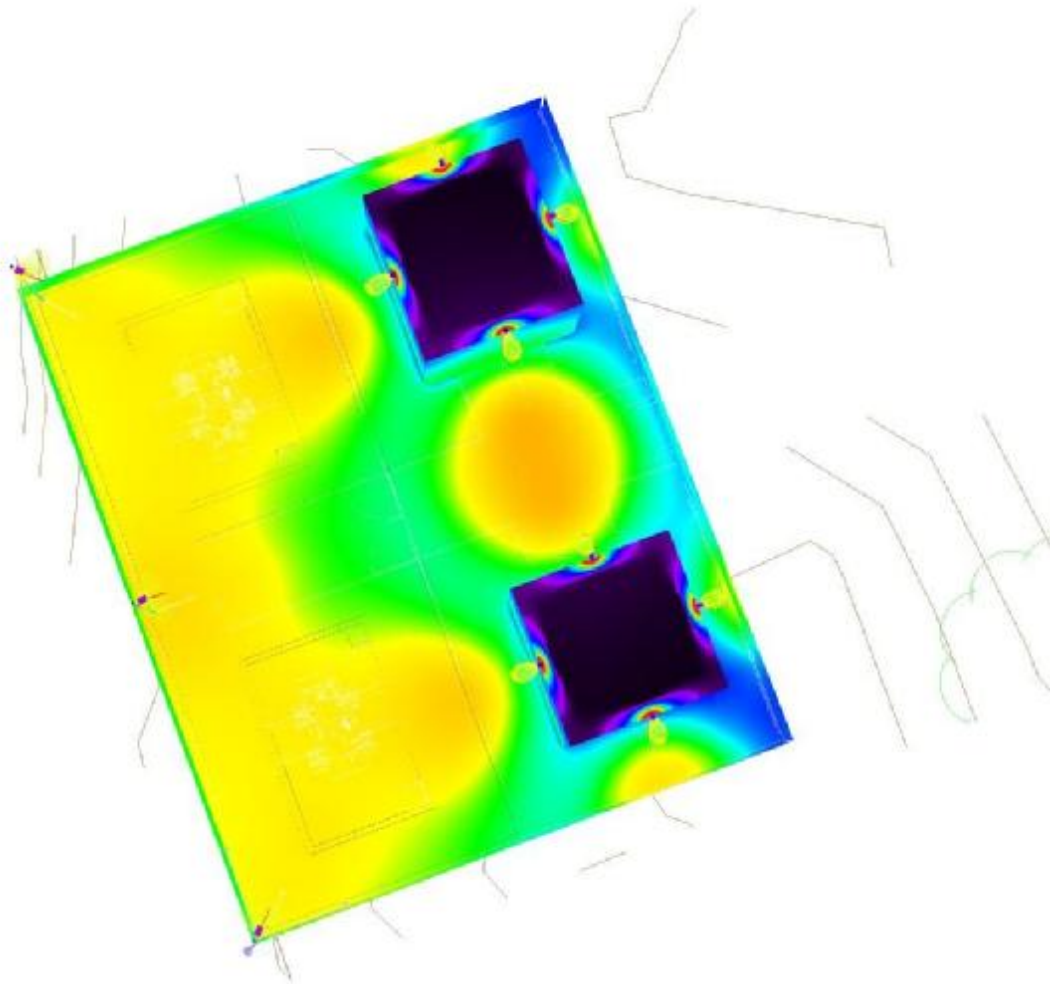
Indurent - Heywood Main Scheme / 3D Rendering





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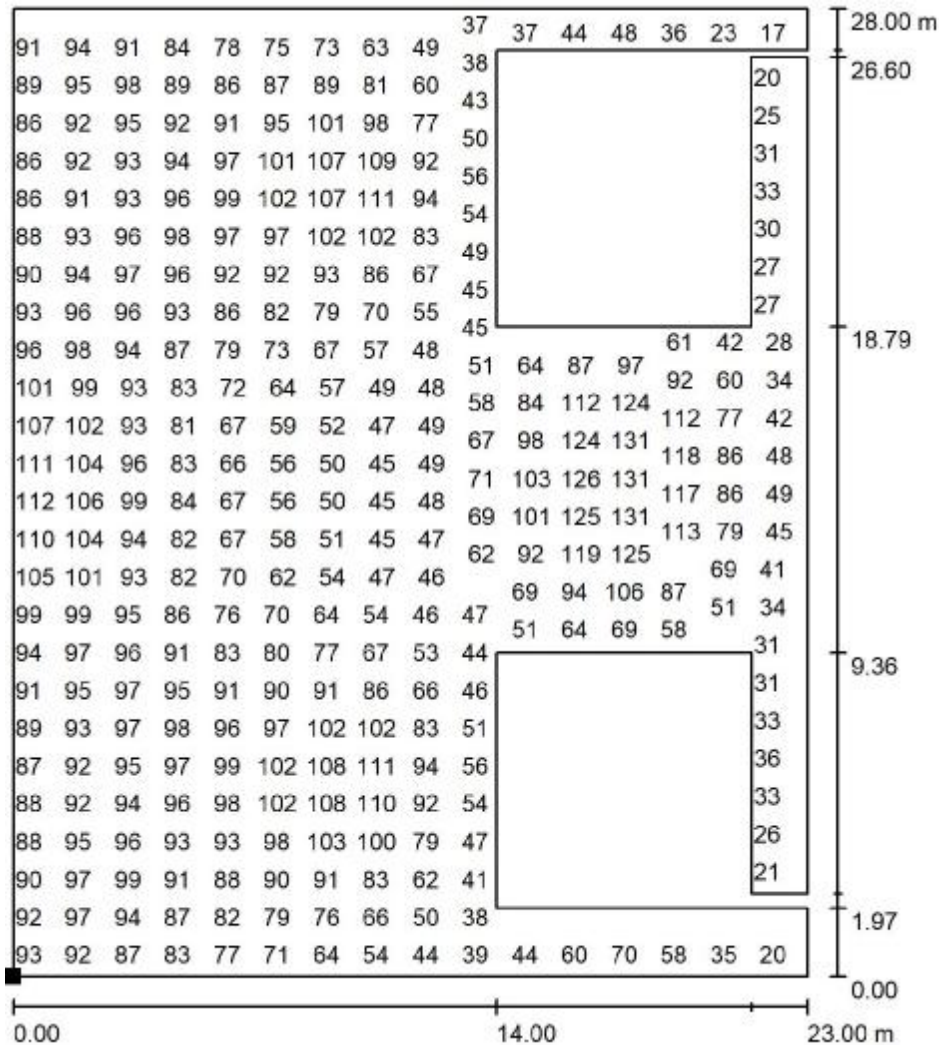
Indurent - Heywood Main Scheme / False Colour Rendering



0 1 5 25 50 75 150 300 600 lx

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Indurent - Heywood Main Scheme / Calculation Surface / Value Chart (E, Perpendicular)



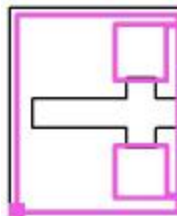
Values in Lux, Scale 1 : 219

Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(1.113 m, 1.020 m, 0.000 m)



Grid: 128 x 128 Points

E_{av} [lx]
76

E_{min} [lx]
16

E_{max} [lx]
132

u_0
0.207

E_{min} / E_{max}
0.120