

## **Class II - Swimming Pool - 300 Lux**

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Lighting designs are representative and therefore should not be considered an entirely realistic forecast of the resultant illumination levels; certain factors can only be modelled indicatively. The forecasted lux levels are based on the photometric data made available from the luminaire manufacturer; the results detailed in this design are not transferable to any other product or design.

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Client:  
Project ID:  
Company:  
Client ID:

Date: 20.11.2021  
Operator:

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## Table of contents

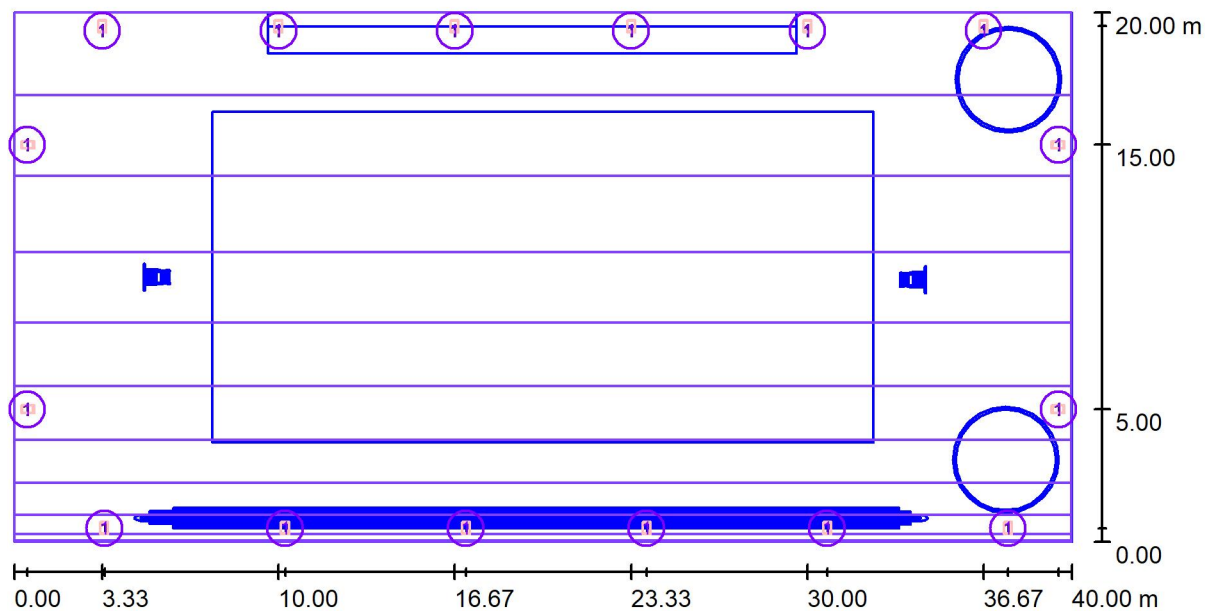
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### Class II - Swimming Pool - 300 Lux

Project Cover	1
Table of contents	2
<b>Swimming Pool</b>	
Luminaires (layout plan)	3
Calculation surfaces (results overview)	4
3D Rendering	5
False Color Rendering	6
<b>Room Surfaces</b>	
<b>Glare 0° - Water Surface</b>	
Value Chart (UGR)	7
<b>Glare 45° - Water Surface</b>	
Value Chart (UGR)	8
<b>Glare 90° - Water Surface</b>	
Value Chart (UGR)	9
<b>Glare 0° - Eye Level</b>	
Value Chart (UGR)	10
<b>Glare 45° - Eye Level</b>	
Value Chart (UGR)	11
<b>Glare 90° - Eye Level</b>	
Value Chart (UGR)	12

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**Swimming Pool / Luminaires (layout plan)**



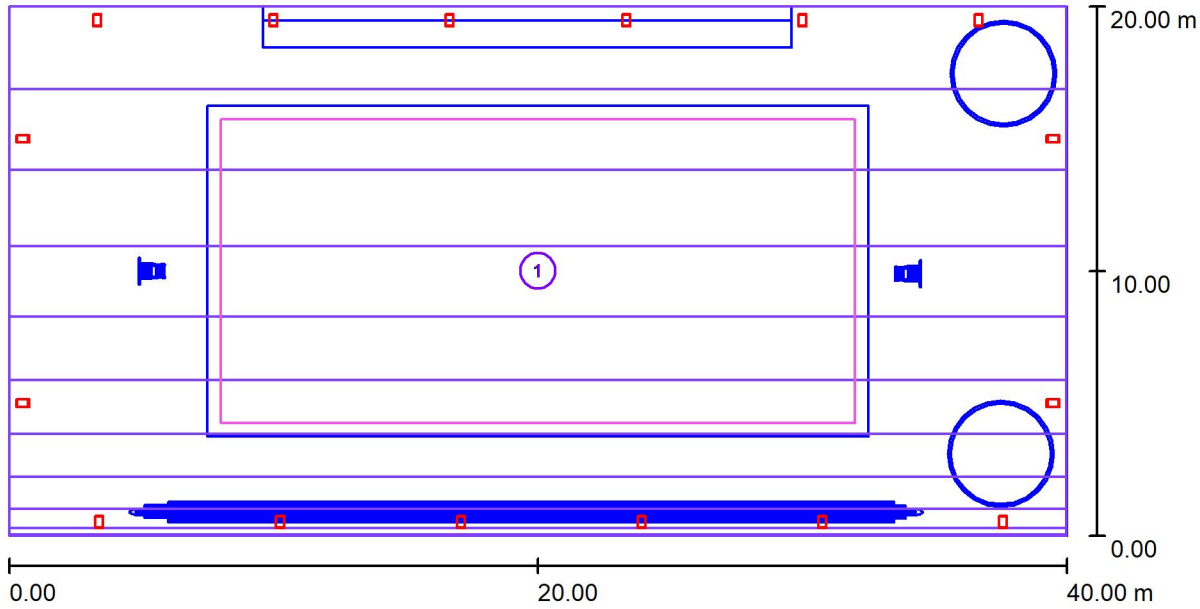
Scale 1 : 286

**Luminaire Parts List**

No.	Pieces	Designation
1	16	Kellwood Lighting MCF3B-310-850-4S-BG McFarlane 3B Series - Premium LED Floodlight - 310W - CRI>80 5000K - IESNA Type IV Light Distribution - Short Lateral Throw - Backspill Guard

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Swimming Pool / Calculation surfaces (results overview)



Scale 1 : 286

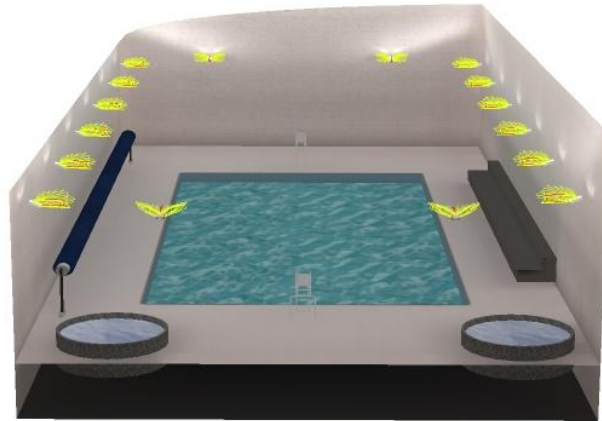
Calculation Surface List

No.	Designation	Type	Grid	$E_{av}$ [lx]	$E_{min}$ [lx]	$E_{max}$ [lx]	u0	$E_{min} / E_{max}$
1	Calculation Surface 1	perpendicular	32 x 16	363	344	396	0.948	0.869

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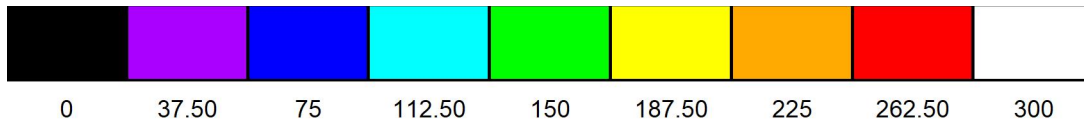
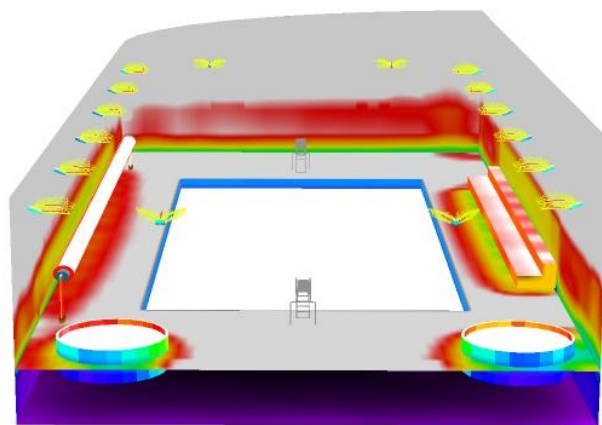
## Swimming Pool / 3D Rendering

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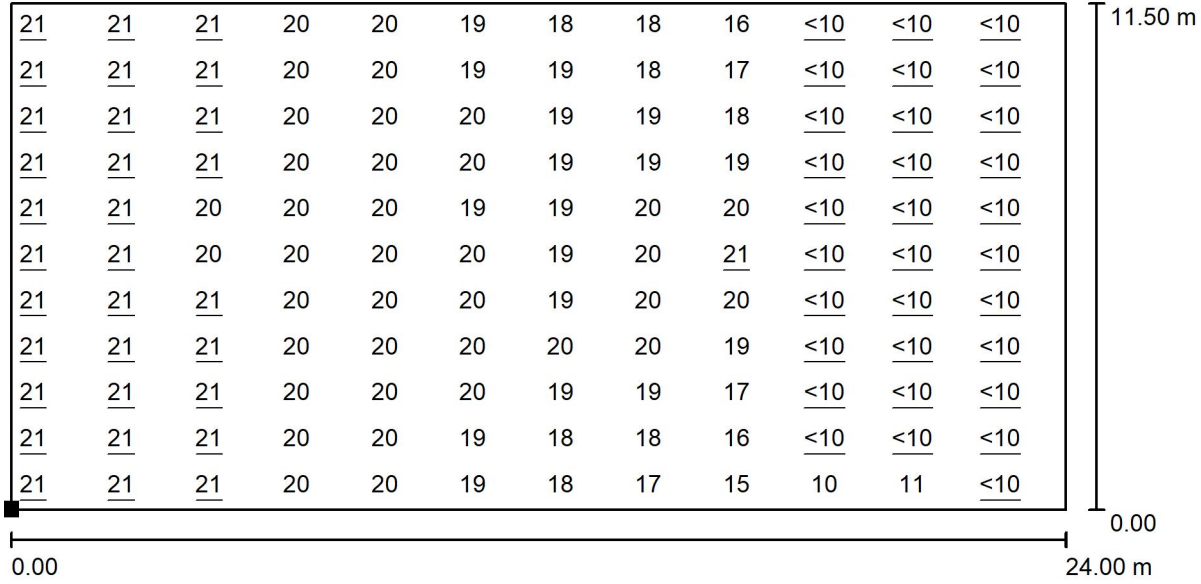
### Swimming Pool / False Color Rendering



lx

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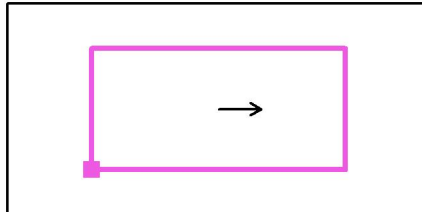
Swimming Pool / Glare 0° - Water Surface / Value Chart (UGR)



Scale 1 : 172

Not all calculated values could be displayed.

Position of surface in room:  
Marked point:  
(8.024 m, 4.221 m, 2.000 m)



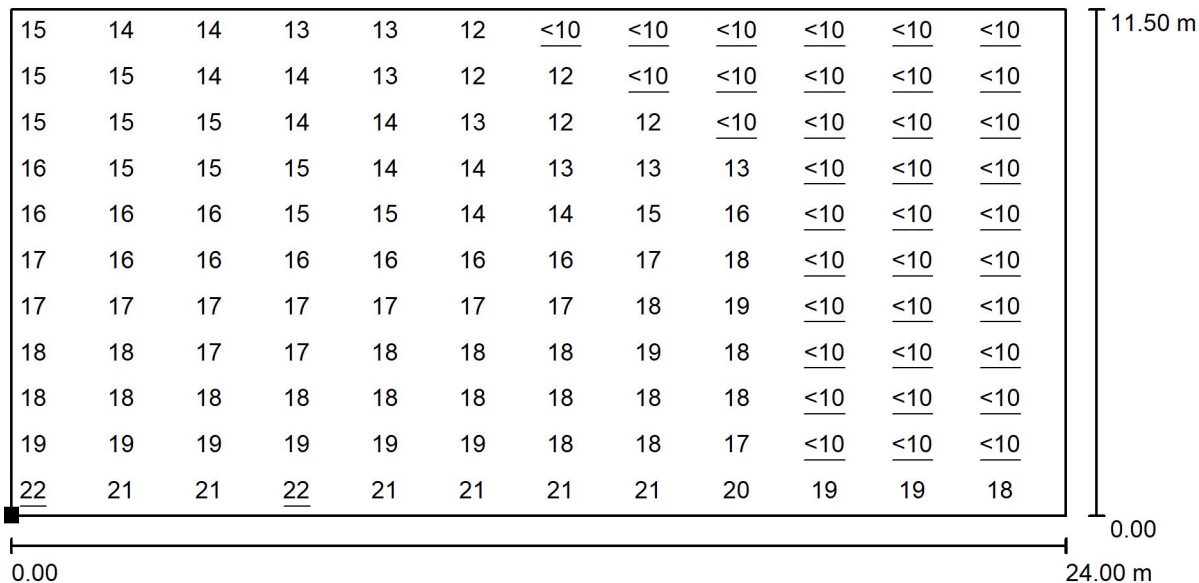
Grid: 24 x 11 Points

Min  
/

Max  
21

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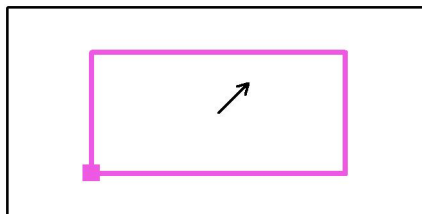
**Swimming Pool / Glare 45° - Water Surface / Value Chart (UGR)**



Scale 1 : 172

Not all calculated values could be displayed.

Position of surface in room:  
Marked point:  
(8.000 m, 4.250 m, 2.000 m)



Grid: 24 x 11 Points

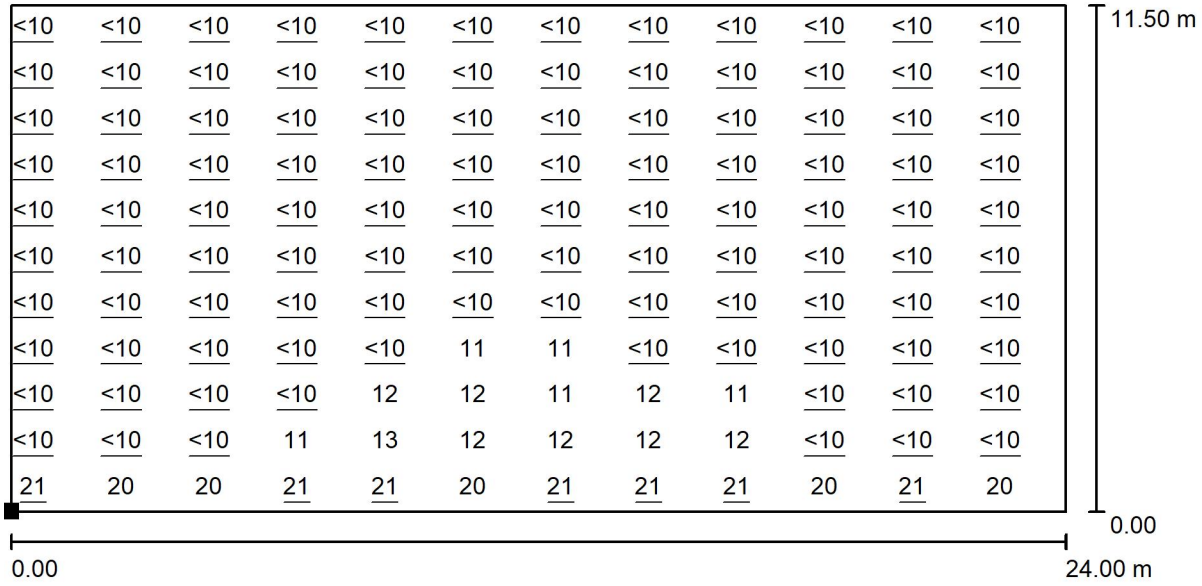
Min  
/

Max  
22



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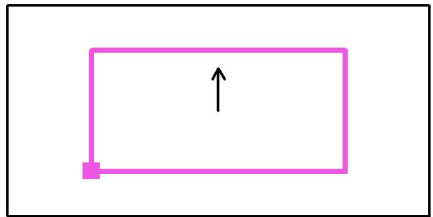
Swimming Pool / Glare 90° - Water Surface / Value Chart (UGR)



Scale 1 : 172

Not all calculated values could be displayed.

Position of surface in room:  
Marked point:  
(8.000 m, 4.250 m, 2.000 m)



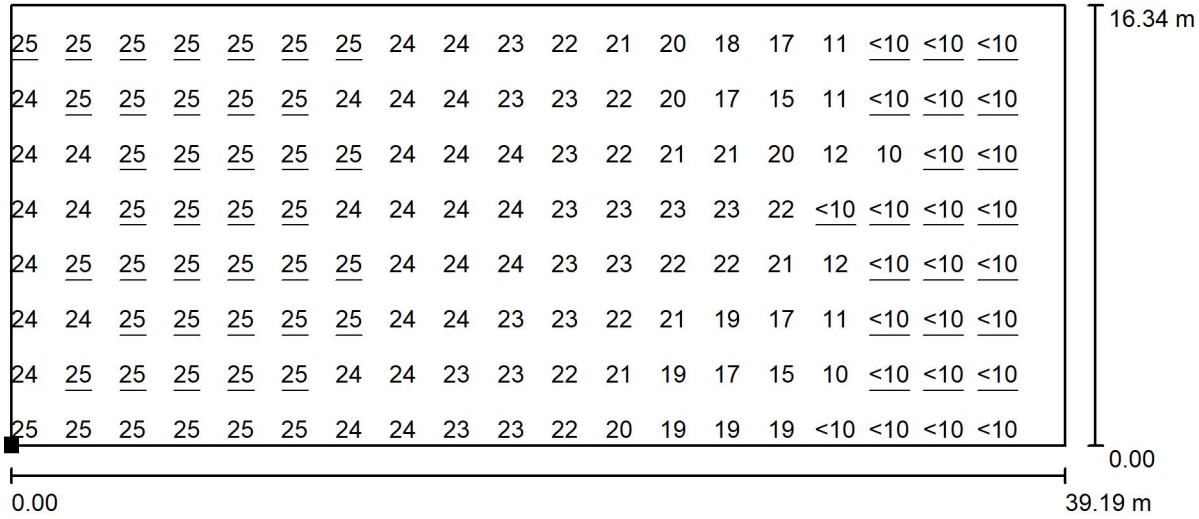
Grid: 24 x 11 Points

Min  
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Max  
21

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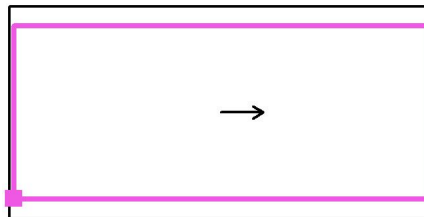
Swimming Pool / Glare 0° - Eye Level / Value Chart (UGR)



Scale 1 : 281

Not all calculated values could be displayed.

Position of surface in room:  
Marked point:  
(0.458 m, 1.831 m, 3.500 m)



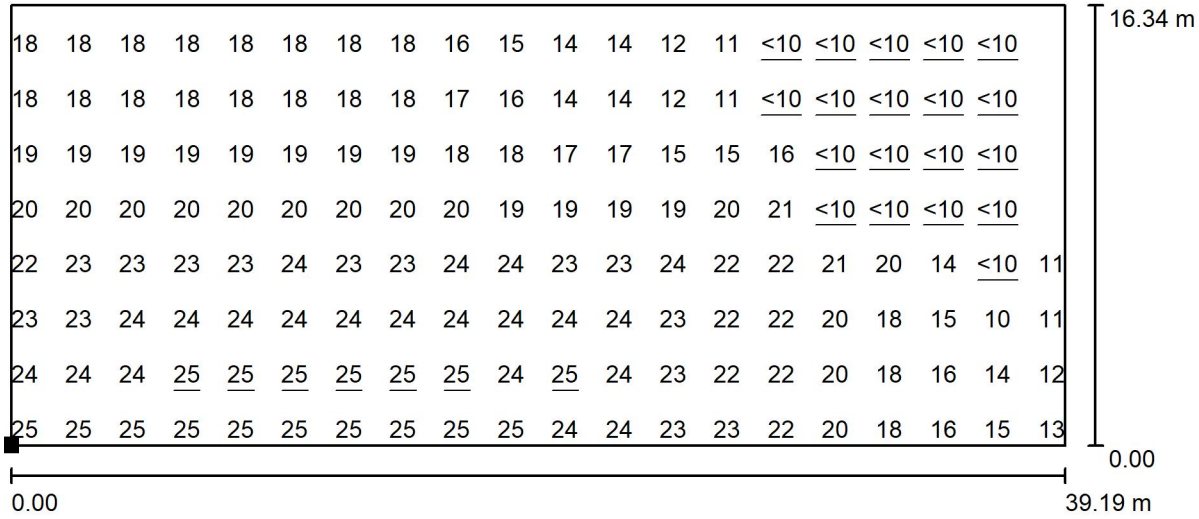
Grid: 39 x 16 Points

Min  
/

Max  
25

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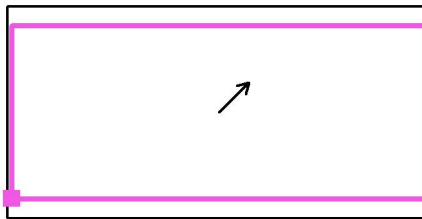
Swimming Pool / Glare 45° - Eye Level / Value Chart (UGR)



Scale 1 : 281

Not all calculated values could be displayed.

Position of surface in room:  
 Marked point:  
 (0.458 m, 1.831 m, 3.500 m)



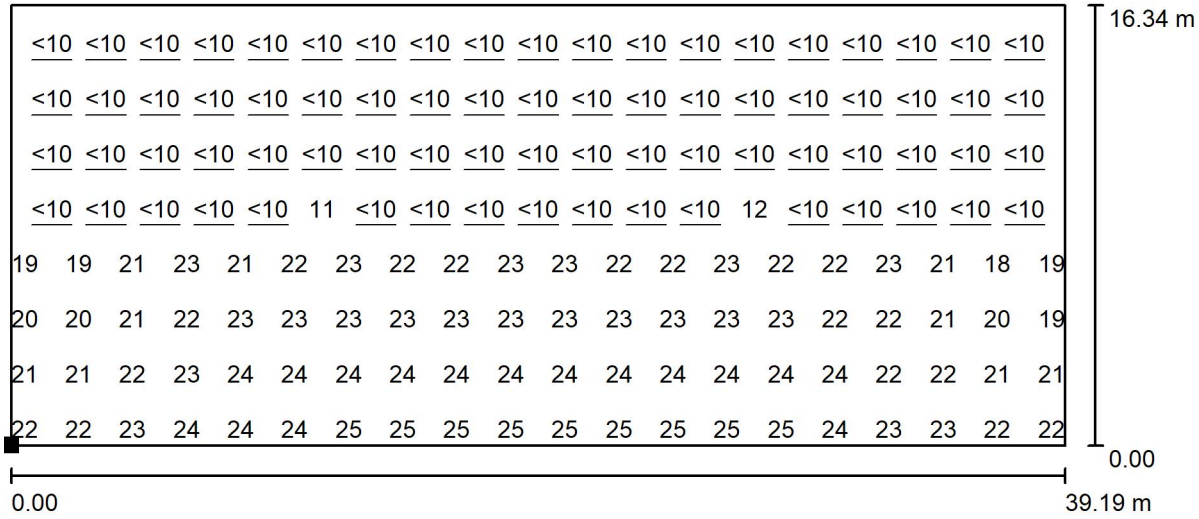
Grid: 39 x 16 Points

Min  
/

Max  
25

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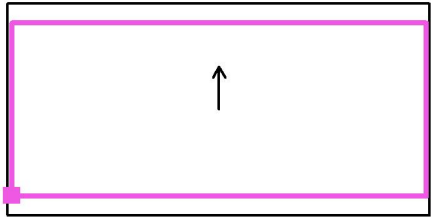
Swimming Pool / Glare 90° - Eye Level / Value Chart (UGR)



Scale 1 : 281

Not all calculated values could be displayed.

Position of surface in room:  
Marked point:  
(0.458 m, 1.831 m, 3.500 m)



Grid: 39 x 16 Points

Min  
/

Max  
25