72 LED Warehouse Lights - 210x100ft -240 watts

72 quantity LED Warehouse Lights 210x100ft space -25ft -height - with 240 watt Titan II LED High Bay Lights

Partner for Contact: *removed*
Order No.:
Company:
Customer No.:

Date: 02 / 18 / 2019
Operator: LEDLightExpert.com
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72 LED Warehouse Lights - 210x100ft -240 watts / Luminaire parts list

72 Pieces  RG-HB05-240WMACGD2
Article No.:
Luminous flux (Luminaire): 33278 lm
Luminous flux (Lamps): 1000 lm
Luminaire Wattage: 243.3 W
Luminaire classification according to CIE: 100
CIE flux code: 50 84 98 100 3328
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.
See our luminaire catalog for an image of the luminaire.

Luminaire classification according to CIE: 100
CIE flux code: 50  84  98  100  3328

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.
Room 1 / Summary

Height of Room: 25.200 ft, Mounting Height: 25.000 ft, Light loss factor: 0.80

Values in Footcandles, Scale 1:500

<table>
<thead>
<tr>
<th>Surface</th>
<th>ρ [%]</th>
<th>$E_{av}$ [fc]</th>
<th>$E_{min}$ [fc]</th>
<th>$E_{max}$ [fc]</th>
<th>u₀</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workplane</td>
<td>/</td>
<td>99</td>
<td>58</td>
<td>109</td>
<td>0.587</td>
</tr>
<tr>
<td>Floor</td>
<td>20</td>
<td>97</td>
<td>56</td>
<td>108</td>
<td>0.574</td>
</tr>
<tr>
<td>Ceiling</td>
<td>70</td>
<td>27</td>
<td>23</td>
<td>82</td>
<td>0.857</td>
</tr>
<tr>
<td>Walls (4)</td>
<td>87</td>
<td>52</td>
<td>24</td>
<td>71</td>
<td>/</td>
</tr>
</tbody>
</table>

Workplane:
- Height: 2.789 ft
- Grid: 128 x 128 Points
- Boundary Zone: 0.000 ft

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.529, Ceiling / Working Plane: 0.275.

Luminaire Parts List

<table>
<thead>
<tr>
<th>No.</th>
<th>Pieces</th>
<th>Designation (Correction Factor)</th>
<th>$Φ$ (Luminaire) [lm]</th>
<th>$Φ$ (Lamps) [lm]</th>
<th>P [W]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>72</td>
<td>RG-HB05-240WMACGD2 (1.000)</td>
<td>33278</td>
<td>1000</td>
<td>243.3</td>
</tr>
</tbody>
</table>

Total: 2396015 Total: 72000 17517.6

Specific connected load: 0.83 W/sq ft = 0.08 W/sq ft/10 fc (Ground area: 21000.49 sq ft)
Room 1 / Luminaire parts list

72 Pieces  RG-HB05-240WMACGD2

Article No.:
Luminous flux (Luminaire): 33278 lm
Luminous flux (Lamps): 1000 lm
Luminaire Wattage: 243.3 W
Luminaire classification according to CIE: 100
CIE flux code: 50 84 98 100 3328
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.
Room 1 / Photometric Results

Total Luminous Flux: 2396015 lm
Total Load: 17517.6 W
Light loss factor: 0.80
Boundary Zone: 0.000 ft

<table>
<thead>
<tr>
<th>Surface</th>
<th>Average illuminances [fc]</th>
<th>Reflection factor [%]</th>
<th>Average luminance [cd/m²]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>direct</td>
<td>indirect</td>
<td>total</td>
</tr>
<tr>
<td>Workplane</td>
<td>73</td>
<td>26</td>
<td>99</td>
</tr>
<tr>
<td>Floor</td>
<td>71</td>
<td>26</td>
<td>97</td>
</tr>
<tr>
<td>Ceiling</td>
<td>0.25</td>
<td>27</td>
<td>27</td>
</tr>
<tr>
<td>Wall 1</td>
<td>28</td>
<td>24</td>
<td>52</td>
</tr>
<tr>
<td>Wall 2</td>
<td>27</td>
<td>25</td>
<td>52</td>
</tr>
<tr>
<td>Wall 3</td>
<td>28</td>
<td>24</td>
<td>52</td>
</tr>
<tr>
<td>Wall 4</td>
<td>27</td>
<td>25</td>
<td>52</td>
</tr>
</tbody>
</table>

Uniformity on the working plane
u₀: 0.587 (1:2)
Eₘᵢₙ / Eₘₐₓ: 0.531 (1:2)

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.529, Ceiling / Working Plane: 0.275.
Specific connected load: 0.83 W/sq ft = 0.08 W/sq ft/10 fc (Ground area: 21000.49 sq ft)
Room 1 / Floor / Isolines (E)

Position of surface in room:
Marked point:
(0.000 ft, 0.000 ft, 0.000 ft)

Values in Footcandles, Scale 1 : 500

Grid: 128 x 128 Points

<table>
<thead>
<tr>
<th>$E_{av}$ [fc]</th>
<th>$E_{min}$ [fc]</th>
<th>$E_{max}$ [fc]</th>
<th>$u_0$</th>
<th>$E_{min} / E_{max}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>97</td>
<td>56</td>
<td>108</td>
<td>0.574</td>
<td>0.518</td>
</tr>
</tbody>
</table>
Room 1 / Floor / Value Chart (E)

Not all calculated values could be displayed.

Position of surface in room:
Marked point:
(0.000 ft, 0.000 ft, 0.000 ft)

Grid: 128 x 128 Points

<table>
<thead>
<tr>
<th>E_{av} [fc]</th>
<th>E_{min} [fc]</th>
<th>E_{max} [fc]</th>
<th>u0</th>
<th>E_{min} / E_{max}</th>
</tr>
</thead>
<tbody>
<tr>
<td>97</td>
<td>56</td>
<td>108</td>
<td>0.574</td>
<td>0.518</td>
</tr>
</tbody>
</table>

Values in Footcandles, Scale 1 : 500