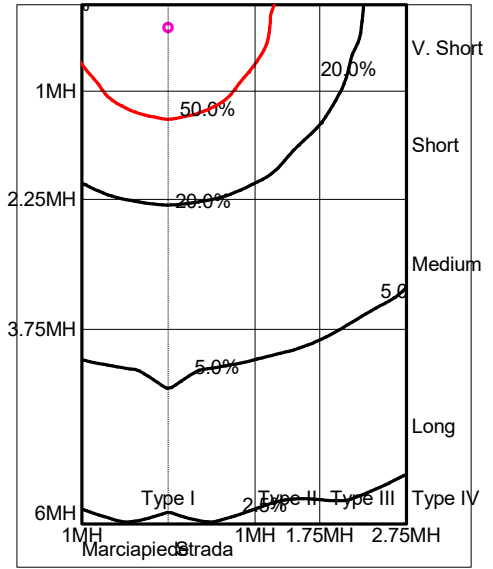
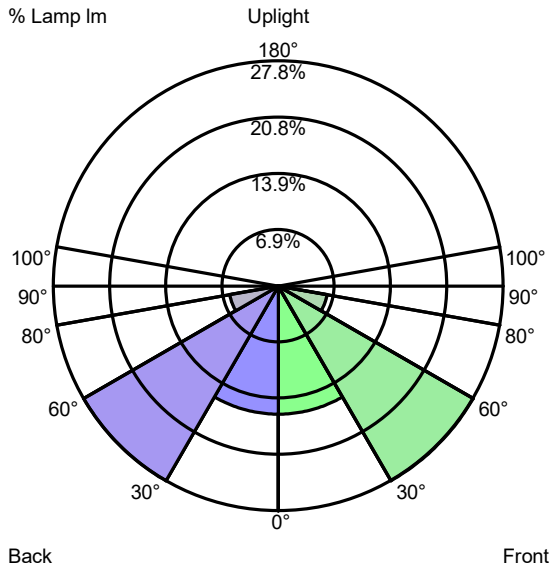


|                  |   |                 |   |               |                    |
|------------------|---|-----------------|---|---------------|--------------------|
| <b>Luminaire</b> |   | <b>Measur.</b>  |   | <b>Source</b> |                    |
| Code             | 81098W00                                      | Code            | LL81098W00_V01_2018_R00                       | Code          | 006000249U30       |
| Name             | BOND_PRO - Floor Lamp, Black, IP65 - Led 12 W | Name            | BOND_PRO - Floor Lamp, Black, IP65 - Led 12 W | Number        | 1                  |
| Line             | Eulumdat                                      | Date            | 07-06-2018                                    | Position      |                    |
| Luminaire Flux   | 580 lm  | Luminaire Power | 12.0 W  | Efficacy      | 48.333 lm/W        |
| Source Flux      | 580 lm  | Maximum value   | 414.37 cd/klm                                 | Position      | C=0.00 G=15.00     |
|                  |   |                 |   | Efficiency    | 100.00%            |
|                  |   |                 |   | CG            | Double Symmetrical |

US ROAD STANDARDS



| Luminaire Classification System (LCS)                  |              |          |                 |
|--|--------------|----------|-----------------|
| LCS Zone   |              | Lumens   | %Lamp %Lum      |
| FL   | 0° -- 30°    | 91.9 lm  | 15.8 % 15.8 %   |
| FM   | 30° -- 60°   | 161.2 lm | 27.8 % 27.8 %   |
| FH   | 60° -- 80°   | 35.4 lm  | 6.1 % 6.1 %     |
| FVH  | 80° -- 90°   | 1.5 lm   | 0.3 % 0.3 %     |
| BL   | 0° -- 30°    | 91.9 lm  | 15.8 % 15.8 %   |
| BM   | 30° -- 60°   | 161.2 lm | 27.8 % 27.8 %   |
| BH   | 60° -- 80°   | 35.4 lm  | 6.1 % 6.1 %     |
| BVH  | 80° -- 90°   | 1.5 lm   | 0.3 % 0.3 %     |
| UL   | 90° -- 100°  | 0.0 lm   | 0.0 % 0.0 %     |
| UH   | 100° -- 180° | 0.0 lm   | 0.0 % 0.0 %     |
| TOTALS   |              | 580.0 lm | 100.0 % 100.0 % |
| BUG B0 U0 G0 Type VS Very Short Quadrilateral Symmetry |              |          |                 |