

Luminaire

Code 90884L006

Name REBA 50 LITE LINE L0600 BLINE 840 W

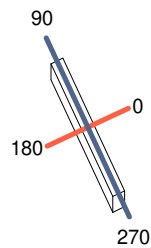
Measur.

Code 25/6/2024

Name REBA 50 LITE LINE L0600 BLINE 840 W

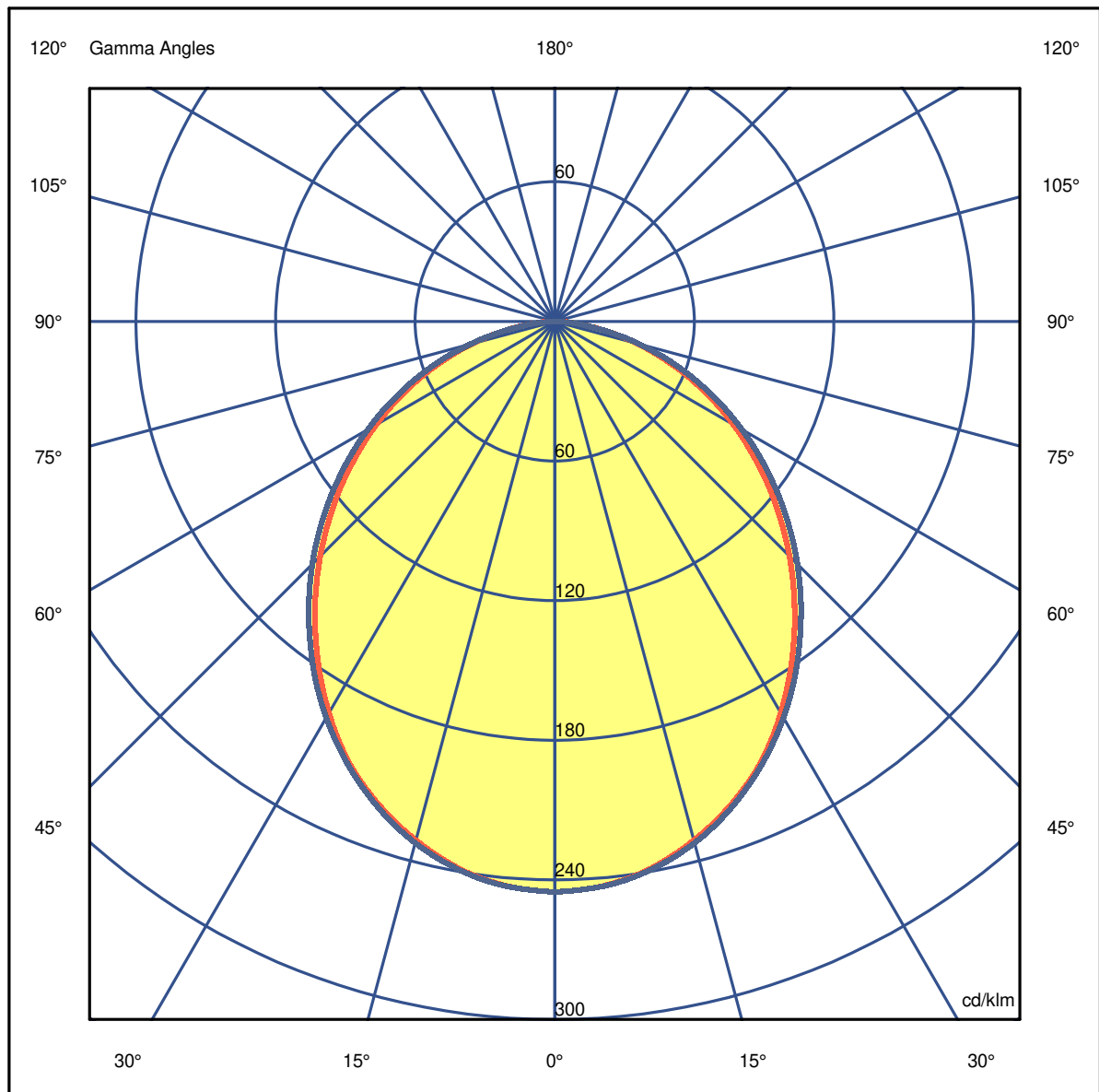
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1222 lm | Luminaire Power | 12.0 W | Efficacy | 102.035 lm/W | Efficiency | 63.01% |
| Source Flux | 1940 lm | Maximum value | 245.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

562mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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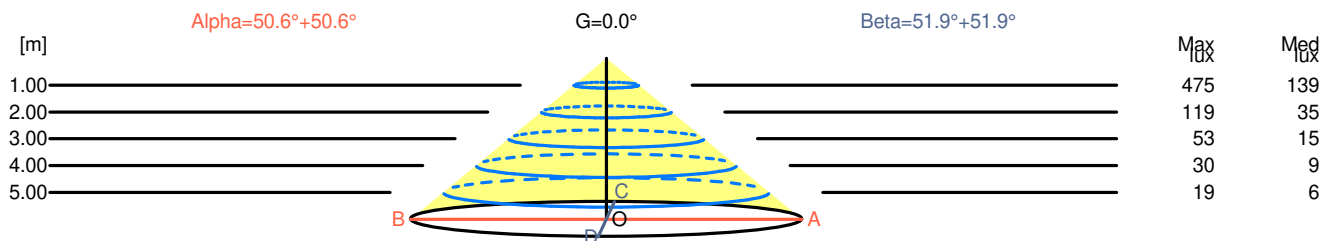
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1222 lm | Luminaire Power | 12.0 W | Efficacy | 102.035 lm/W | Efficiency | 63.01% |
| Source Flux | 1940 lm | Maximum value | 245.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
| OA | 1.22 | 2.43 | 3.65 | 4.86 | 6.08 | OC | 1.28 | 2.55 | 3.83 | 5.11 | 6.39 |
| OB | 1.22 | 2.43 | 3.65 | 4.86 | 6.08 | OD | 1.28 | 2.55 | 3.83 | 5.11 | 6.39 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| OA | 475.49 | 472.20 | 447.75 | 405.85 | 344.54 | 276.64 | 206.61 | 137.35 | 70.62 | 16.49 |
| OB | 475.49 | 472.20 | 447.75 | 405.85 | 344.54 | 276.64 | 206.61 | 137.35 | 70.62 | 16.49 |
| OC | 475.49 | 472.39 | 450.08 | 407.98 | 351.53 | 286.15 | 216.12 | 144.14 | 73.14 | 14.55 |
| OD | 475.49 | 472.39 | 450.08 | 407.98 | 351.53 | 286.15 | 216.12 | 144.14 | 73.14 | 14.55 |



| H[m] | D[m] | Max lux | Med lux | Alpha=50.6°+50.6° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.43 | 475 | 139 | | | |
| 2.00 | 4.86 | 119 | 35 | | | |
| 3.00 | 7.30 | 53 | 15 | | | |
| 4.00 | 9.73 | 30 | 9 | | | |
| 5.00 | 12.16 | 19 | 6 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=51.9°+51.9° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.55 | 475 | 139 | | | |
| 2.00 | 5.11 | 119 | 35 | | | |
| 3.00 | 7.66 | 53 | 15 | | | |
| 4.00 | 10.22 | 30 | 9 | | | |
| 5.00 | 12.77 | 19 | 6 | | | |

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| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1222 lm | Luminaire Power | 12.0 W | Efficacy | 102.035 lm/W | Efficiency | 63.01% |
| Source Flux | 1940 lm | Maximum value | 245.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|-----------------|--------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Working Plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room Dimensions | Lateral View | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 18.2 | 19.4 | 18.5 | 19.7 | 19.9 | 20.1 | 21.4 | 20.4 | 21.6 | 21.8 |
| x=2H y=3H | 19.1 | 20.3 | 19.4 | 20.5 | 20.8 | 21.5 | 22.7 | 21.8 | 22.9 | 23.2 |
| x=2H y=4H | 19.4 | 20.5 | 19.7 | 20.8 | 21.1 | 22.0 | 23.1 | 22.3 | 23.3 | 23.6 |
| x=2H y=6H | 19.5 | 20.6 | 19.9 | 20.9 | 21.2 | 22.3 | 23.3 | 22.6 | 23.6 | 23.9 |
| x=2H y=8H | 19.6 | 20.5 | 19.9 | 20.8 | 21.2 | 22.3 | 23.3 | 22.7 | 23.6 | 23.9 |
| x=2H y=12H | 19.5 | 20.5 | 19.9 | 20.8 | 21.1 | 22.3 | 23.3 | 22.7 | 23.6 | 23.9 |
| x=4H y=2H | 18.8 | 19.9 | 19.1 | 20.2 | 20.4 | 20.4 | 21.5 | 20.7 | 21.8 | 22.0 |
| x=4H y=3H | 19.9 | 20.8 | 20.2 | 21.1 | 21.5 | 21.9 | 22.8 | 22.2 | 23.1 | 23.5 |
| x=4H y=4H | 20.2 | 21.1 | 20.6 | 21.4 | 21.8 | 22.5 | 23.3 | 22.9 | 23.6 | 24.0 |
| x=4H y=6H | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 | 22.8 | 23.5 | 23.2 | 23.9 | 24.3 |
| x=4H y=8H | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 | 22.9 | 23.6 | 23.3 | 24.0 | 24.4 |
| x=4H y=12H | 20.5 | 21.1 | 21.0 | 21.5 | 22.0 | 22.9 | 23.6 | 23.4 | 24.0 | 24.4 |
| x=8H y=4H | 20.5 | 21.1 | 20.9 | 21.5 | 21.9 | 22.5 | 23.2 | 22.9 | 23.6 | 24.0 |
| x=8H y=6H | 20.7 | 21.3 | 21.2 | 21.7 | 22.2 | 22.9 | 23.5 | 23.4 | 23.9 | 24.4 |
| x=8H y=8H | 20.8 | 21.3 | 21.3 | 21.7 | 22.2 | 23.1 | 23.5 | 23.5 | 24.0 | 24.5 |
| x=8H y=12H | 20.8 | 21.2 | 21.3 | 21.7 | 22.2 | 23.1 | 23.5 | 23.6 | 24.0 | 24.5 |
| x=12H y=4H | 20.4 | 21.0 | 20.9 | 21.5 | 21.9 | 22.5 | 23.1 | 22.9 | 23.5 | 23.9 |
| x=12H y=6H | 20.8 | 21.2 | 21.2 | 21.7 | 22.2 | 22.9 | 23.4 | 23.4 | 23.9 | 24.3 |
| x=12H y=8H | 20.8 | 21.3 | 21.3 | 21.7 | 22.2 | 23.1 | 23.5 | 23.6 | 23.9 | 24.4 |

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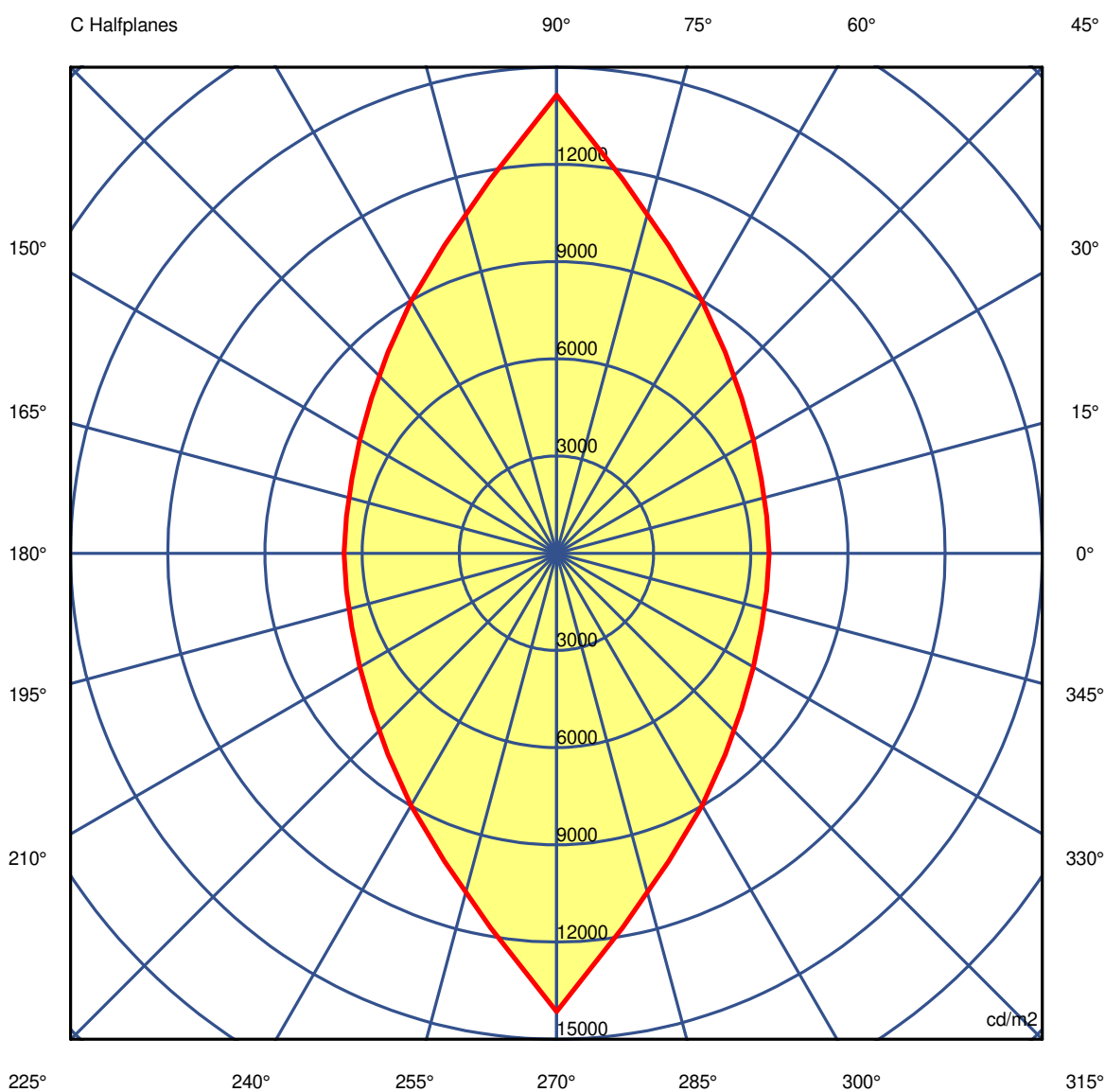
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| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1222 lm | Luminaire Power | 12.0 W | Efficacy | 102.035 lm/W | Efficiency | 63.01% |
| Source Flux | 1940 lm | Maximum value | 245.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



45.0°

Luminaire

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Measurem.

Code 25/6/2024

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| Luminaire Flux | 1222 lm | | Luminaire Power | | 12.0 W | | Efficacy | | 102.035 lm/W | | Efficiency | | 63.01% | |
|-----------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Source Flux | 1940 lm | | Maximum value | | 245.10 cd/klm | | Position | | C=0.00 G=0.00 | | CG | | Double Symmetrical | |
| Luminance cd/m2 | | | | | | | | | | | | | | |
| Table 1/3 | | | | | | | | | | | | | | |
| | C 0.00 | C 10.00 | C 20.00 | C 30.00 | C 40.00 | C 50.00 | C 60.00 | C 70.00 | C 80.00 | C 90.00 | C 100.00 | C 110.00 | C 120.00 | |
| G 0.0 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | |
| G 5.0 | 16457 | 16464 | 16519 | 16622 | 16775 | 16976 | 17221 | 17511 | 17832 | 18173 | 17832 | 17511 | 17221 | |
| G 10.0 | 14782 | 14789 | 14880 | 15056 | 15318 | 15665 | 16098 | 16616 | 17213 | 17883 | 17213 | 16616 | 16098 | |
| G 15.0 | 13287 | 13293 | 13410 | 13639 | 13973 | 14430 | 15013 | 15714 | 16548 | 17523 | 16548 | 15714 | 15013 | |
| G 20.0 | 11973 | 11980 | 12106 | 12354 | 12729 | 13251 | 13936 | 14789 | 15830 | 17081 | 15830 | 14789 | 13936 | |
| G 25.0 | 10771 | 10775 | 10911 | 11185 | 11579 | 12132 | 12882 | 13854 | 15074 | 16587 | 15074 | 13854 | 12882 | |
| G 30.0 | 9604 | 9615 | 9764 | 10066 | 10504 | 11087 | 11865 | 12922 | 14293 | 16047 | 14293 | 12922 | 11865 | |
| G 35.0 | 8504 | 8517 | 8673 | 8984 | 9453 | 10071 | 10893 | 11991 | 13461 | 15445 | 13461 | 11991 | 10893 | |
| G 40.0 | 7502 | 7520 | 7667 | 7959 | 8422 | 9074 | 9936 | 11055 | 12603 | 14799 | 12603 | 11055 | 9936 | |
| G 45.0 | 6567 | 6583 | 6729 | 7015 | 7456 | 8103 | 8985 | 10118 | 11735 | 14144 | 11735 | 10118 | 8985 | |
| G 50.0 | 5695 | 5710 | 5848 | 6119 | 6533 | 7145 | 8004 | 9158 | 10844 | 13422 | 10844 | 9158 | 8004 | |
| G 55.0 | 4867 | 4883 | 4995 | 5229 | 5633 | 6203 | 7000 | 8184 | 9923 | 12647 | 9923 | 8184 | 7000 | |
| G 60.0 | 4085 | 4093 | 4206 | 4430 | 4774 | 5290 | 6057 | 7194 | 8907 | 11754 | 8907 | 7194 | 6057 | |
| G 65.0 | 3311 | 3320 | 3417 | 3610 | 3912 | 4369 | 5060 | 6117 | 7775 | 10735 | 7775 | 6117 | 5060 | |
| G 70.0 | 2551 | 2556 | 2632 | 2793 | 3039 | 3418 | 4005 | 4926 | 6462 | 9500 | 6462 | 4926 | 4005 | |
| G 75.0 | 1799 | 1805 | 1865 | 1981 | 2163 | 2448 | 2900 | 3639 | 4939 | 7816 | 4939 | 3639 | 2900 | |
| G 80.0 | 1081 | 1085 | 1119 | 1188 | 1303 | 1480 | 1762 | 2246 | 3174 | 5572 | 3174 | 2246 | 1762 | |
| G 85.0 | 460 | 464 | 481 | 510 | 553 | 623 | 742 | 952 | 1397 | 2908 | 1397 | 952 | 742 | |
| G 90.0 | 115 | 124 | 131 | 133 | 133 | 140 | 161 | 203 | 296 | 773 | 296 | 203 | 161 | |

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| Luminaire Flux | | 1222 lm | | Luminaire Power | | 12.0 W | | Efficacy | | 102.035 lm/W | | Efficiency | | 63.01% | |
|-----------------|-------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|-------|
| Source Flux | | 1940 lm | | Maximum value | | 245.10 cd/klm | | Position | | C=0.00 G=0.00 | | CG | | Double Symmetrical | |
| Luminance cd/m2 | | | | | | | | | | | | | | Table 2/3 | |
| | | C 130.00 | C 140.00 | C 150.00 | C 160.00 | C 170.00 | C 180.00 | C 190.00 | C 200.00 | C 210.00 | C 220.00 | C 230.00 | C 240.00 | C 250.00 | |
| G 0.0 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 |
| G 5.0 | 16976 | 16775 | 16622 | 16519 | 16464 | 16457 | 16464 | 16519 | 16622 | 16775 | 16976 | 17221 | 17511 | 17801 | 18091 |
| G 10.0 | 15665 | 15318 | 15056 | 14880 | 14789 | 14782 | 14789 | 14880 | 15056 | 15318 | 15665 | 16098 | 16616 | 17134 | 17652 |
| G 15.0 | 14430 | 13973 | 13639 | 13410 | 13293 | 13287 | 13293 | 13410 | 13639 | 13973 | 14430 | 15013 | 15714 | 16415 | 17116 |
| G 20.0 | 13251 | 12729 | 12354 | 12106 | 11980 | 11973 | 11980 | 12106 | 12354 | 12729 | 13251 | 13936 | 14789 | 15642 | 16495 |
| G 25.0 | 12132 | 11579 | 11185 | 10911 | 10775 | 10771 | 10775 | 10911 | 11185 | 11579 | 12132 | 12882 | 13854 | 14826 | 15798 |
| G 30.0 | 11087 | 10504 | 10066 | 9764 | 9615 | 9604 | 9615 | 9764 | 10066 | 10504 | 11087 | 11865 | 12922 | 14079 | 15136 |
| G 35.0 | 10071 | 9453 | 8984 | 8673 | 8517 | 8504 | 8517 | 8673 | 8984 | 9453 | 10071 | 10893 | 11991 | 13189 | 14387 |
| G 40.0 | 9074 | 8422 | 7959 | 7667 | 7520 | 7502 | 7520 | 7667 | 7959 | 8422 | 9074 | 9936 | 11055 | 12274 | 13493 |
| G 45.0 | 8103 | 7456 | 7015 | 6729 | 6583 | 6567 | 6583 | 6729 | 7015 | 7456 | 8103 | 8985 | 10118 | 11361 | 12604 |
| G 50.0 | 7145 | 6533 | 6119 | 5848 | 5710 | 5695 | 5710 | 5848 | 6119 | 6533 | 7145 | 8004 | 9158 | 10312 | 11466 |
| G 55.0 | 6203 | 5633 | 5229 | 4995 | 4883 | 4867 | 4883 | 4995 | 5229 | 5633 | 6203 | 7000 | 8184 | 9368 | 10552 |
| G 60.0 | 5290 | 4774 | 4430 | 4206 | 4093 | 4085 | 4093 | 4206 | 4430 | 4774 | 5290 | 6057 | 7194 | 8331 | 9468 |
| G 65.0 | 4369 | 3912 | 3610 | 3417 | 3320 | 3311 | 3320 | 3417 | 3610 | 3912 | 4369 | 5060 | 6117 | 7174 | 8231 |
| G 70.0 | 3418 | 3039 | 2793 | 2632 | 2556 | 2551 | 2556 | 2632 | 2793 | 3039 | 3418 | 4005 | 4926 | 5847 | 6768 |
| G 75.0 | 2448 | 2163 | 1981 | 1865 | 1805 | 1799 | 1805 | 1865 | 1981 | 2163 | 2448 | 2900 | 3639 | 4378 | 5117 |
| G 80.0 | 1480 | 1303 | 1188 | 1119 | 1085 | 1081 | 1085 | 1119 | 1188 | 1303 | 1480 | 1762 | 2246 | 2730 | 3214 |
| G 85.0 | 623 | 553 | 510 | 481 | 464 | 460 | 464 | 481 | 510 | 553 | 623 | 742 | 952 | 1162 | 1372 |
| G 90.0 | 140 | 133 | 133 | 131 | 124 | 115 | 124 | 131 | 133 | 133 | 140 | 161 | 203 | 245 | 287 |

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1222 lm | Luminaire Power | 12.0 W | Efficacy | 102.035 lm/W | Efficiency | 63.01% |
| Source Flux | 1940 lm | Maximum value | 245.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 3/3

| | C 260.00 | C 270.00 | C 280.00 | C 290.00 | C 300.00 | C 310.00 | C 320.00 | C 330.00 | C 340.00 | C 350.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 | 18393 |
| G 5.0 | 17832 | 18173 | 17832 | 17511 | 17221 | 16976 | 16775 | 16622 | 16519 | 16464 |
| G 10.0 | 17213 | 17883 | 17213 | 16616 | 16098 | 15665 | 15318 | 15056 | 14880 | 14789 |
| G 15.0 | 16548 | 17523 | 16548 | 15714 | 15013 | 14430 | 13973 | 13639 | 13410 | 13293 |
| G 20.0 | 15830 | 17081 | 15830 | 14789 | 13936 | 13251 | 12729 | 12354 | 12106 | 11980 |
| G 25.0 | 15074 | 16587 | 15074 | 13854 | 12882 | 12132 | 11579 | 11185 | 10911 | 10775 |
| G 30.0 | 14293 | 16047 | 14293 | 12922 | 11865 | 11087 | 10504 | 10066 | 9764 | 9615 |
| G 35.0 | 13461 | 15445 | 13461 | 11991 | 10893 | 10071 | 9453 | 8984 | 8673 | 8517 |
| G 40.0 | 12603 | 14799 | 12603 | 11055 | 9936 | 9074 | 8422 | 7959 | 7667 | 7520 |
| G 45.0 | 11735 | 14144 | 11735 | 10118 | 8985 | 8103 | 7456 | 7015 | 6729 | 6583 |
| G 50.0 | 10844 | 13422 | 10844 | 9158 | 8004 | 7145 | 6533 | 6119 | 5848 | 5710 |
| G 55.0 | 9923 | 12647 | 9923 | 8184 | 7000 | 6203 | 5633 | 5229 | 4995 | 4883 |
| G 60.0 | 8907 | 11754 | 8907 | 7194 | 6057 | 5290 | 4774 | 4430 | 4206 | 4093 |
| G 65.0 | 7775 | 10735 | 7775 | 6117 | 5060 | 4369 | 3912 | 3610 | 3417 | 3320 |
| G 70.0 | 6462 | 9500 | 6462 | 4926 | 4005 | 3418 | 3039 | 2793 | 2632 | 2556 |
| G 75.0 | 4939 | 7816 | 4939 | 3639 | 2900 | 2448 | 2163 | 1981 | 1865 | 1805 |
| G 80.0 | 3174 | 5572 | 3174 | 2246 | 1762 | 1480 | 1303 | 1188 | 1119 | 1085 |
| G 85.0 | 1397 | 2908 | 1397 | 952 | 742 | 623 | 553 | 510 | 481 | 464 |
| G 90.0 | 296 | 773 | 296 | 203 | 161 | 140 | 133 | 133 | 131 | 124 |