

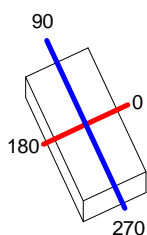
Luminaire

Code 0366
 Name Free hanging lamp x6 without g
Measurem.
 Code 0366
 Name Free hanging lamp x6 without g

| | | | | | | | |
|----------------------------|------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 1360.01 lm | Luminaire Power | 27.00 W | Efficacy | 50.37 lm/W | Efficiency | 46.23% |
| Lamps Flux | 2941.60 lm | Maximum value | 320.26 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 1300 mm | Width | 655 mm | Height | 125 mm |
| Rectangular Luminous Area | | Length | 1300 mm | Width | 655 mm | Height | 37 mm |
| Horizontal Luminous Area | | 0.851500 m2 | | Emitting area on Plane 180° | | 0.048100 m2 | |
| Emitting area on Plane 0° | | 0.048100 m2 | | Emitting area on Plane 270° | | 0.024235 m2 | |
| Emitting area on Plane 90° | | 0.024235 m2 | | Glare area at 76° | | 0.252668 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 07-12-2015 | | Maximum Gamma Angle | | 90 | |
| Measurement Distance | | 0.51 | | Measurement Flux | | 2941.60 lm | |
| Operator | | Asselum T3 | | Source voltage | | 230.00 V | |
| Temperature | | 20.00 °C | | Source current | | | |
| Humidity | | 56.00 % | | Photocell | | Czibula Grundmann | |
| Notes | | | | | | | |

| Line | | Code | | Luminaire Lamps | | Flux [lm] | Pow. [W] | Q.ty |
|---------|-------------------|-------------------|--|---------------------------|------|-----------|----------|------|
| - VIBIA | | 6 led 350mA 4.48W | | Name Lámpara 6 leds 4.48W | | 2941.60 | 27.00 | 1 |
| C.I.E. | 84 100 100 100 46 | | | D DIN 5040 | A60 | | | |
| F UTE | 0.46 A | | | B NBN | BZ 1 | | | |

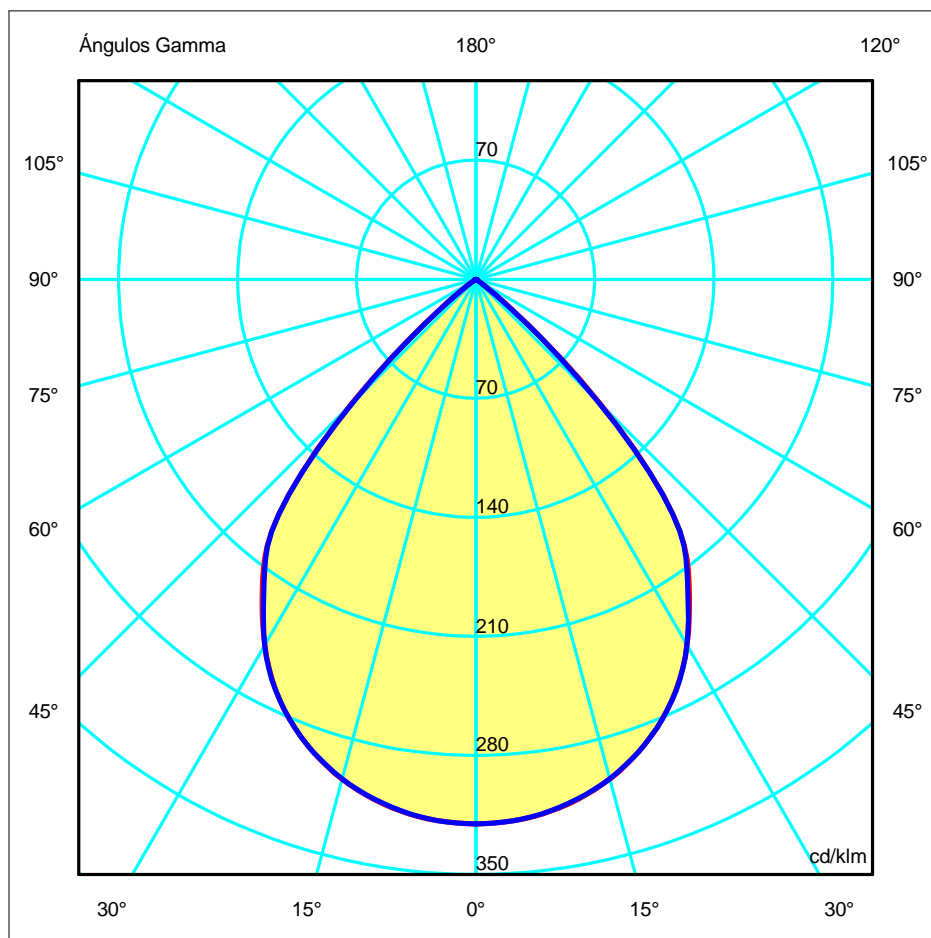
1300mm x 655mm



Semiplanos C

180.0 — 0.0
 270.0 — 90.0

ULOR 0.00 %
 DLOR 46.23 %
 RN 0.00 %



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Luminous Intensity Table cd/klm Table 1/1

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|--------|--------|---------|---------|---------|---------|---------|---------|
| G 0.0 | 320.26 | 320.26 | 320.26 | 320.26 | 320.26 | 320.26 | 320.26 |
| G 5.0 | 318.49 | 318.52 | 318.53 | 318.45 | 318.11 | 318.44 | 318.42 |
| G 10.0 | 313.23 | 313.11 | 313.30 | 313.26 | 312.98 | 313.11 | 312.97 |
| G 15.0 | 304.19 | 304.28 | 304.00 | 304.12 | 303.89 | 304.07 | 303.96 |
| G 20.0 | 290.92 | 290.51 | 290.82 | 290.87 | 290.78 | 291.05 | 290.81 |
| G 25.0 | 272.84 | 272.81 | 272.00 | 272.43 | 272.30 | 273.10 | 273.00 |
| G 30.0 | 248.38 | 248.55 | 247.12 | 247.11 | 247.17 | 248.26 | 248.34 |
| G 35.0 | 218.58 | 217.29 | 215.55 | 215.15 | 215.39 | 217.15 | 216.98 |
| G 40.0 | 180.54 | 180.60 | 177.52 | 177.53 | 177.90 | 180.18 | 180.30 |
| G 45.0 | 103.10 | 101.75 | 101.06 | 100.55 | 99.98 | 102.35 | 100.81 |
| G 50.0 | 29.86 | 28.63 | 25.72 | 26.46 | 25.72 | 28.19 | 28.05 |
| G 55.0 | 4.64 | 4.52 | 4.43 | 4.46 | 4.42 | 4.69 | 4.52 |
| G 60.0 | 0.68 | 0.68 | 0.68 | 0.70 | 0.70 | 0.70 | 0.69 |
| G 65.0 | 0.44 | 0.45 | 0.46 | 0.47 | 0.47 | 0.47 | 0.47 |
| G 70.0 | 0.33 | 0.33 | 0.34 | 0.35 | 0.35 | 0.35 | 0.35 |
| G 75.0 | 0.29 | 0.29 | 0.30 | 0.31 | 0.31 | 0.32 | 0.33 |
| G 80.0 | 0.30 | 0.30 | 0.30 | 0.31 | 0.32 | 0.34 | 0.34 |
| G 85.0 | 0.34 | 0.33 | 0.34 | 0.35 | 0.36 | 0.38 | 0.39 |
| G 90.0 | 0.40 | 0.39 | 0.40 | 0.40 | 0.42 | 0.45 | 0.46 |

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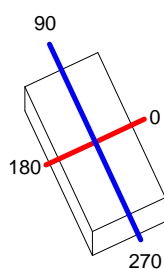
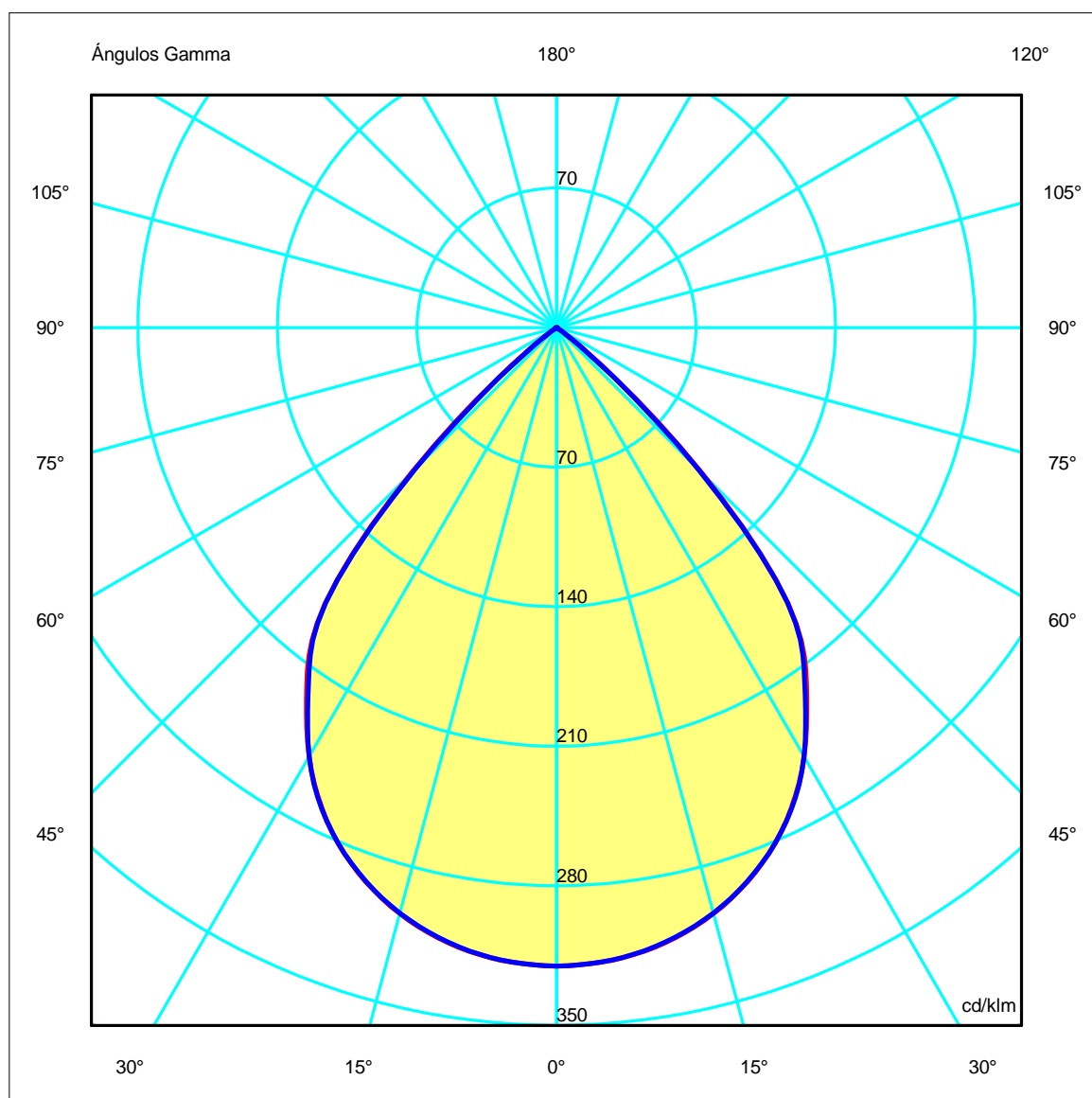
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1300mm x 655mm

Semiplanos C


 180.0 ————— 0.0
 270.0 ————— 90.0


Luminaire

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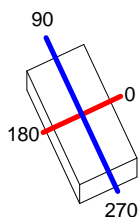
Measurem.

Code 0366

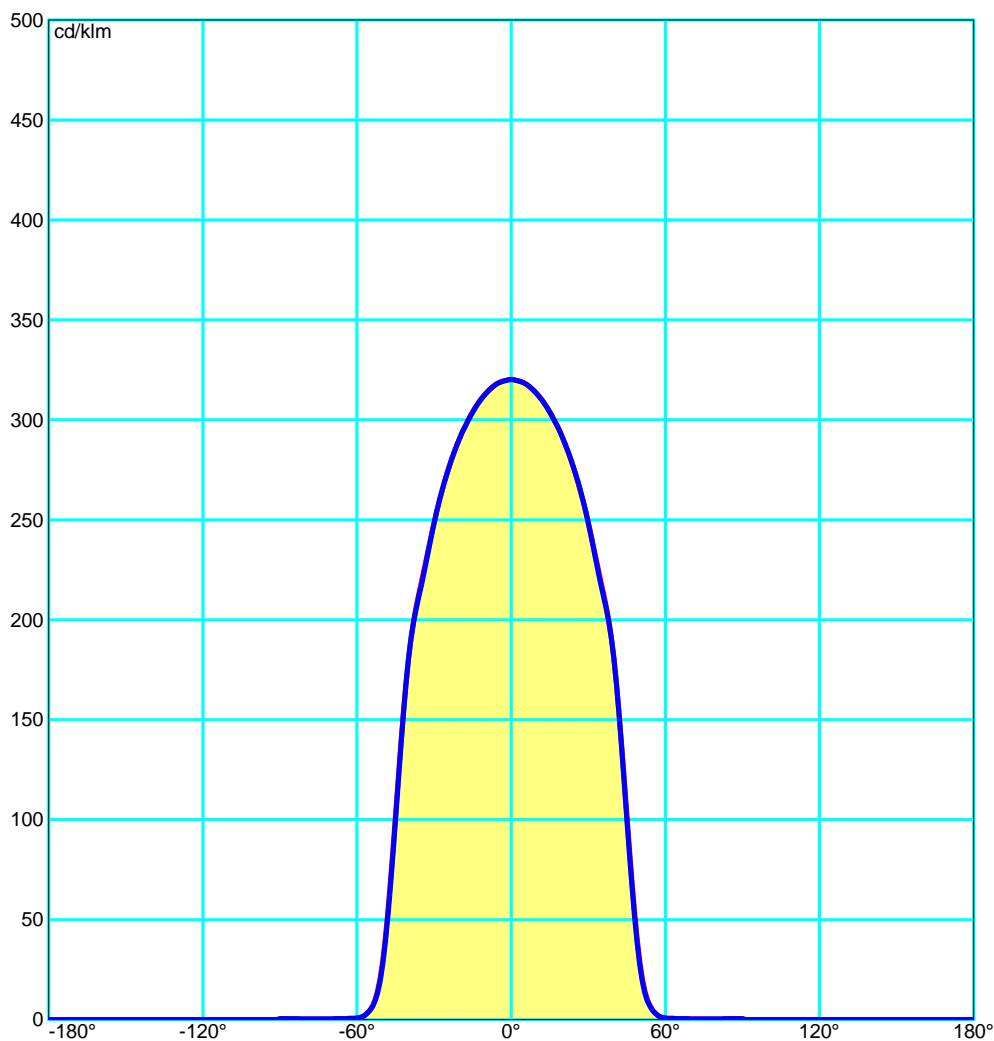
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Flujo Total=2941.60 Flujo Luminaria=1360.01

| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.60 | 0.67 | 0.73 | 0.78 | 0.82 | 0.88 | 0.91 | 0.93 | 0.95 | 0.96 | 0.98 | 1.00 |
| RC | - | - | - | - | - | - | - | - | - | - | - | - |

Flujo Zonal por 1000 Lúmenes

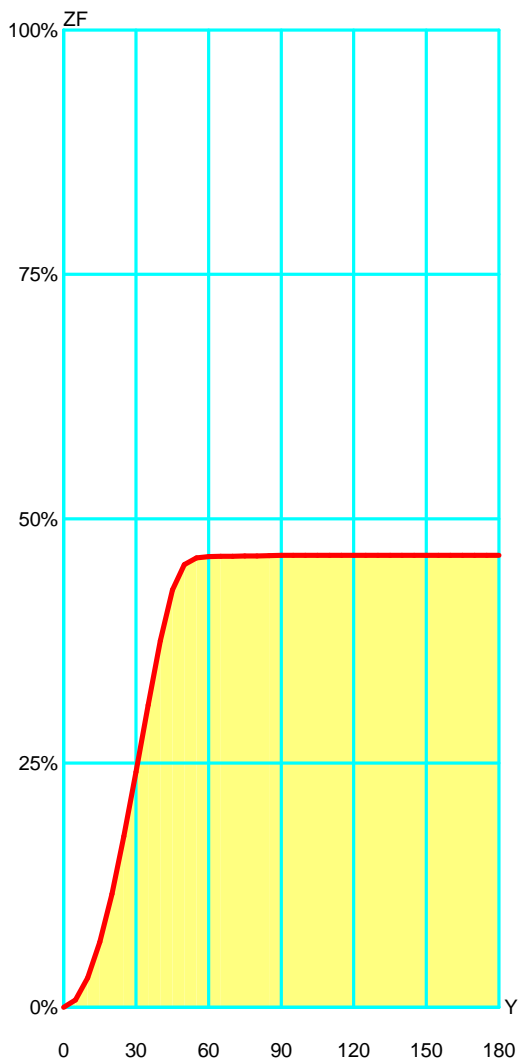
| | | | | | | | | | | | | | | | | | | |
|-------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) | 30 | 116 | 241 | 375 | 453 | 461 | 462 | 462 | 462 | 462 | 462 | 462 | 462 | 462 | 462 | 462 | 462 | 462 |

Códigos de Flujo C.I.E.

84 100 100 100 46

C.I.E. -/-/-/-/-/-/-/-/-
D DIN 5040 A60
F UTE 0.46 A
B NBN BZ 1
RN 0.00000 %
BLF 1.0

LOR 46.23364 %
ULOR 0.00000 %
DLOR 46.23364 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



| Flujo Zonal | | | | |
|-------------|-------|---------|-----------|----------|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 7.64 | 7.64 | 1.65 % | 1.65 % |
| 10° | 22.59 | 30.23 | 4.89 % | 6.54 % |
| 15° | 36.61 | 66.84 | 7.92 % | 14.46 % |
| 20° | 49.03 | 115.87 | 10.60 % | 25.06 % |
| 25° | 59.09 | 174.96 | 12.78 % | 37.84 % |
| 30° | 65.85 | 240.81 | 14.24 % | 52.09 % |
| 35° | 68.35 | 309.16 | 14.78 % | 66.87 % |
| 40° | 65.97 | 375.13 | 14.27 % | 81.14 % |
| 45° | 51.90 | 427.03 | 11.23 % | 92.36 % |
| 50° | 25.98 | 453.01 | 5.62 % | 97.98 % |
| 55° | 6.91 | 459.92 | 1.50 % | 99.48 % |
| 60° | 1.20 | 461.12 | 0.26 % | 99.74 % |
| 65° | 0.28 | 461.40 | 0.06 % | 99.80 % |
| 70° | 0.20 | 461.61 | 0.04 % | 99.84 % |
| 75° | 0.17 | 461.78 | 0.04 % | 99.88 % |
| 80° | 0.17 | 461.94 | 0.04 % | 99.92 % |
| 85° | 0.18 | 462.13 | 0.04 % | 99.95 % |
| 90° | 0.21 | 462.34 | 0.05 % | 100.00 % |
| 95° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 100° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 105° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 110° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 115° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 120° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 125° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 130° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 135° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 140° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 145° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 150° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 155° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 160° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 165° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 170° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 175° | 0.00 | 462.34 | 0.00 % | 100.00 % |
| 180° | 0.00 | 462.34 | 0.00 % | 100.00 % |

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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 |
| WorkingPlane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| RoomDimensions | ViewedCrosswise | | | | | ViewedEndwise | | | | |
| x=2H y=2H | 5.7 | 6.5 | 6.0 | 6.7 | 6.9 | 5.7 | 6.5 | 6.0 | 6.7 | 6.9 |
| x=2H y=3H | 5.6 | 6.3 | 5.9 | 6.6 | 6.8 | 5.6 | 6.3 | 5.9 | 6.6 | 6.8 |
| x=2H y=4H | 5.5 | 6.2 | 5.8 | 6.4 | 6.7 | 5.5 | 6.2 | 5.8 | 6.5 | 6.7 |
| x=2H y=6H | 5.4 | 6.0 | 5.7 | 6.3 | 6.7 | 5.5 | 6.1 | 5.8 | 6.3 | 6.7 |
| x=2H y=8H | 5.4 | 6.0 | 5.7 | 6.3 | 6.6 | 5.4 | 6.0 | 5.8 | 6.3 | 6.6 |
| x=2H y=12H | 5.4 | 5.9 | 5.7 | 6.2 | 6.6 | 5.4 | 6.0 | 5.7 | 6.3 | 6.6 |
| x=4H y=2H | 5.5 | 6.2 | 5.8 | 6.4 | 6.7 | 5.5 | 6.2 | 5.8 | 6.5 | 6.7 |
| x=4H y=3H | 5.4 | 5.9 | 5.7 | 6.2 | 6.6 | 5.4 | 6.0 | 5.7 | 6.3 | 6.6 |
| x=4H y=4H | 5.3 | 5.8 | 5.7 | 6.1 | 6.5 | 5.3 | 5.8 | 5.7 | 6.2 | 6.5 |
| x=4H y=6H | 5.2 | 5.6 | 5.6 | 6.0 | 6.4 | 5.2 | 5.6 | 5.6 | 6.0 | 6.4 |
| x=4H y=8H | 5.2 | 5.5 | 5.6 | 5.9 | 6.4 | 5.2 | 5.6 | 5.6 | 6.0 | 6.4 |
| x=4H y=12H | 5.1 | 5.5 | 5.5 | 5.9 | 6.3 | 5.2 | 5.5 | 5.6 | 5.9 | 6.3 |
| x=8H y=4H | 5.2 | 5.5 | 5.6 | 5.9 | 6.4 | 5.2 | 5.6 | 5.6 | 5.9 | 6.4 |
| x=8H y=6H | 5.1 | 5.4 | 5.5 | 5.8 | 6.3 | 5.1 | 5.4 | 5.6 | 5.8 | 6.3 |
| x=8H y=8H | 5.0 | 5.3 | 5.5 | 5.7 | 6.2 | 5.1 | 5.3 | 5.6 | 5.8 | 6.2 |
| x=8H y=12H | 5.0 | 5.2 | 5.5 | 5.7 | 6.2 | 5.0 | 5.2 | 5.5 | 5.7 | 6.2 |
| x=12H y=4H | 5.1 | 5.5 | 5.5 | 5.8 | 6.3 | 5.2 | 5.5 | 5.6 | 5.9 | 6.3 |
| x=12H y=6H | 5.0 | 5.3 | 5.5 | 5.7 | 6.2 | 5.1 | 5.3 | 5.6 | 5.8 | 6.2 |
| x=12H y=8H | 5.0 | 5.2 | 5.5 | 5.7 | 6.2 | 5.0 | 5.2 | 5.5 | 5.7 | 6.2 |

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Utilizations CIE

| Mounting | Direct | | | Normalization | | | Normalised | | | Suspension Ratio1/3 | | | | | | | | Standard CIE Settings | | | | | | | |
|----------|---------|------|------|---------------|------|------|------------|------|------|---------------------|------|------|------|------|------|------|------|-----------------------|------|------|------|------|------|--|--|
| | Ceiling | | | | | | | | | | | | | | | | | | | | | | | | |
| K | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 | 5511 | 5111 | 3331 | 3311 | 1111 | 0000 | | |
| 0.60 | 83 | 74 | 54 | 48 | 71 | 46 | 46 | 39 | 29 | 24 | 17 | 13 | 8 | 6 | 23 | 13 | 12 | 7 | 5 | 11 | 6 | 5 | 0 | | |
| 0.80 | 97 | 89 | 57 | 52 | 85 | 50 | 59 | 52 | 33 | 29 | 21 | 16 | 11 | 8 | 27 | 17 | 16 | 10 | 8 | 15 | 8 | 7 | 0 | | |
| 1.00 | 107 | 100 | 56 | 53 | 95 | 50 | 70 | 62 | 35 | 31 | 23 | 19 | 15 | 11 | 29 | 20 | 18 | 13 | 11 | 17 | 11 | 10 | 0 | | |
| 1.25 | 117 | 110 | 55 | 53 | 105 | 50 | 81 | 74 | 37 | 34 | 26 | 22 | 18 | 14 | 32 | 23 | 21 | 16 | 14 | 20 | 14 | 13 | 0 | | |
| 1.50 | 124 | 118 | 55 | 52 | 113 | 50 | 91 | 83 | 38 | 36 | 29 | 25 | 21 | 17 | 34 | 25 | 24 | 19 | 17 | 23 | 17 | 15 | 0 | | |
| 2.00 | 134 | 129 | 52 | 50 | 123 | 49 | 104 | 98 | 40 | 37 | 32 | 29 | 26 | 22 | 35 | 29 | 28 | 23 | 21 | 26 | 21 | 20 | 0 | | |
| 2.50 | 141 | 137 | 51 | 49 | 131 | 48 | 115 | 108 | 41 | 39 | 34 | 32 | 29 | 26 | 37 | 31 | 30 | 27 | 25 | 29 | 25 | 23 | 0 | | |
| 3.00 | 146 | 142 | 49 | 48 | 136 | 47 | 122 | 117 | 41 | 40 | 36 | 34 | 32 | 29 | 38 | 33 | 32 | 30 | 28 | 31 | 28 | 26 | 0 | | |
| 4.00 | 154 | 151 | 49 | 48 | 144 | 47 | 133 | 128 | 43 | 42 | 39 | 37 | 35 | 33 | 40 | 36 | 35 | 33 | 32 | 34 | 31 | 30 | 0 | | |
| 5.00 | 159 | 156 | 49 | 49 | 150 | 47 | 140 | 136 | 44 | 43 | 41 | 39 | 38 | 35 | 41 | 38 | 38 | 36 | 34 | 36 | 34 | 32 | 0 | | |
| 10.00 | 170 | 168 | 49 | 49 | 162 | 48 | 156 | 154 | 46 | 46 | 45 | 44 | 43 | 42 | 44 | 43 | 43 | 42 | 41 | 41 | 40 | 39 | 0 | | |
| 20.00 | 176 | 175 | 49 | 49 | 168 | 48 | 165 | 164 | 48 | 47 | 47 | 47 | 46 | 46 | 46 | 46 | 45 | 45 | 45 | 44 | 44 | 43 | 0 | | |

Wall

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| K | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 | 5511 | 5111 | 3331 | 3311 | 1111 | 0000 |
| 0.60 | 157 | 152 | 120 | 117 | 150 | 116 | 118 | 115 | 93 | 92 | 78 | 77 | 67 | 67 | 91 | 77 | 76 | 67 | 66 | 76 | 66 | 66 | 56 |
| 0.80 | 172 | 167 | 125 | 123 | 163 | 121 | 133 | 129 | 101 | 99 | 86 | 85 | 76 | 74 | 97 | 85 | 84 | 75 | 74 | 83 | 74 | 74 | 62 |
| 1.00 | 179 | 174 | 123 | 121 | 169 | 119 | 141 | 137 | 102 | 100 | 89 | 87 | 79 | 77 | 98 | 87 | 86 | 78 | 77 | 85 | 77 | 76 | 63 |
| 1.25 | 185 | 180 | 122 | 120 | 175 | 117 | 149 | 144 | 103 | 101 | 91 | 89 | 82 | 80 | 98 | 88 | 88 | 80 | 79 | 86 | 79 | 78 | 63 |
| 1.50 | 190 | 185 | 120 | 118 | 178 | 116 | 155 | 150 | 103 | 101 | 92 | 90 | 84 | 82 | 98 | 89 | 88 | 82 | 81 | 87 | 80 | 79 | 63 |
| 2.00 | 190 | 186 | 110 | 109 | 178 | 106 | 158 | 154 | 97 | 95 | 89 | 86 | 82 | 79 | 92 | 85 | 84 | 79 | 78 | 82 | 77 | 75 | 57 |
| 2.50 | 188 | 185 | 102 | 101 | 176 | 99 | 160 | 155 | 91 | 90 | 85 | 83 | 79 | 77 | 86 | 81 | 80 | 76 | 75 | 78 | 73 | 71 | 52 |
| 3.00 | 186 | 183 | 95 | 94 | 173 | 92 | 159 | 154 | 85 | 84 | 80 | 78 | 75 | 73 | 81 | 76 | 75 | 72 | 71 | 73 | 69 | 67 | 47 |
| 4.00 | 188 | 185 | 91 | 90 | 174 | 87 | 163 | 159 | 83 | 82 | 78 | 77 | 75 | 72 | 78 | 74 | 73 | 71 | 70 | 70 | 68 | 65 | 44 |
| 5.00 | 189 | 187 | 88 | 88 | 176 | 85 | 166 | 162 | 81 | 80 | 78 | 76 | 75 | 73 | 76 | 73 | 73 | 71 | 69 | 69 | 67 | 64 | 42 |
| 10.00 | 190 | 188 | 80 | 80 | 176 | 77 | 170 | 168 | 75 | 75 | 74 | 73 | 72 | 71 | 70 | 69 | 68 | 67 | 66 | 64 | 63 | 58 | 35 |
| 20.00 | 178 | 178 | 64 | 64 | 164 | 61 | 161 | 160 | 61 | 60 | 60 | 59 | 59 | 58 | 55 | 54 | 54 | 54 | 53 | 49 | 49 | 44 | 20 |

Working Pl.

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| K | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 | 5511 | 5111 | 3331 | 3311 | 1111 | 0000 |
| 0.60 | 374 | 369 | 349 | 346 | 366 | 344 | 327 | 324 | 315 | 313 | 296 | 294 | 282 | 281 | 312 | 294 | 294 | 281 | 281 | 293 | 281 | 280 | 275 |
| 0.80 | 414 | 408 | 381 | 378 | 404 | 376 | 366 | 362 | 349 | 347 | 330 | 328 | 316 | 314 | 345 | 328 | 327 | 315 | 314 | 326 | 314 | 313 | 308 |
| 1.00 | 446 | 440 | 406 | 404 | 434 | 401 | 399 | 394 | 377 | 375 | 360 | 357 | 346 | 344 | 372 | 357 | 356 | 344 | 343 | 354 | 343 | 342 | 337 |
| 1.25 | 473 | 468 | 427 | 424 | 460 | 421 | 427 | 422 | 400 | 398 | 385 | 382 | 372 | 369 | 394 | 381 | 380 | 369 | 368 | 378 | 368 | 366 | 361 |
| 1.50 | 493 | 487 | 440 | 438 | 478 | 434 | 448 | 442 | 416 | 414 | 402 | 399 | 390 | 387 | 410 | 398 | 396 | 387 | 386 | 394 | 385 | 383 | 378 |
| 2.00 | 522 | 516 | 460 | 458 | 505 | 454 | 480 | 474 | 440 | 438 | 429 | 426 | 419 | 416 | 433 | 423 | 422 | 415 | 413 | 419 | 412 | 409 | 405 |
| 2.50 | 539 | 535 | 471 | 469 | 522 | 465 | 501 | 494 | 454 | 452 | 445 | 442 | 437 | 434 | 447 | 439 | 438 | 432 | 430 | 434 | 428 | 424 | 421 |
| 3.00 | 552 | 547 | 478 | 477 | 533 | 472 | 515 | 509 | 464 | 462 | 456 | 453 | 449 | 446 | 456 | 450 | 448 | 444 | 442 | 444 | 439 | 435 | 431 |
| 4.00 | 565 | 562 | 485 | 484 | 546 | 479 | 531 | 526 | 473 | 471 | 467 | 464 | 462 | 458 | 464 | 460 | 459 | 455 | 453 | 453 | 449 | 444 | 441 |
| 5.00 | 574 | 570 | 489 | 488 | 553 | 483 | 541 | 536 | 478 | 477 | 473 | 471 | 469 | 466 | 469 | 465 | 464 | 462 | 460 | 458 | 455 | 449 | 446 |
| 10.00 | 591 | 589 | 496 | 496 | 569 | 491 | 563 | 560 | 488 | 488 | 486 | 484 | 483 | 481 | 479 | 477 | 476 | 475 | 474 | 468 | 467 | 459 | 455 |
| 20.00 | 600 | 599 | 500 | 500 | 578 | 495 | 575 | 573 | 494 | 493 | 493 | 492 | 492 | 490 | 484 | 483 | 483 | 482 | 481 | 474 | 473 | 465 | 460 |

LM53 SHR C0-C180: 1.155 SHR C90-C270: 1.155 SHR Square: 1.190

Luminaire

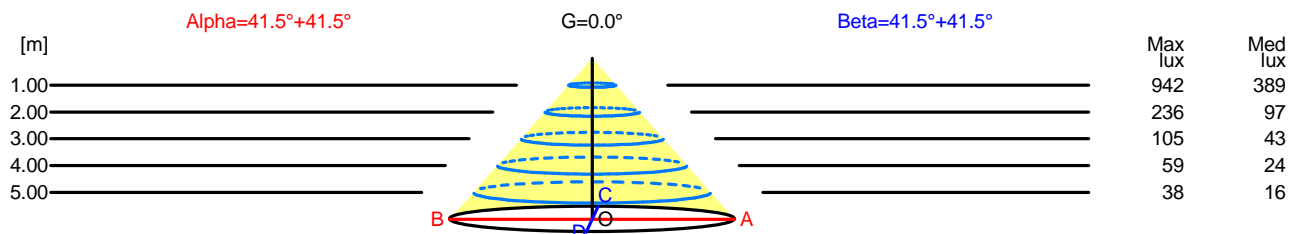
Code 0366
Name Free hanging lamp x6 without g
Measur.
Code 0366
Name Free hanging lamp x6 without g

| | | | | | | | |
|----------------|------------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1360.01 lm | Luminaire Power | 27.00 W | Efficacy | 50.37 lm/W | Efficiency | 46.23% |
| Lamps Flux | 2941.60 lm | Maximum value | 320.26 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 | 0.89 | 1.77 | 2.66 | 3.54 | 4.43 | OC | 0.88 | 1.77 | 2.65 | 3.54 | 4.42 |
| OB | 0.89 | 1.77 | 2.66 | 3.54 | 4.43 | OD | 0.88 | 1.77 | 2.65 | 3.54 | 4.42 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|--------------------------------|--------|--------|--------|--------|--------|--------|-------|------|------|------|
| Luminous Intensities [cd/klm] | | | | | | | | | | |
| OA | 942.07 | 936.87 | 894.82 | 802.58 | 642.98 | 303.28 | 13.66 | 1.31 | 0.86 | 1.00 |
| OB | 942.07 | 936.87 | 894.82 | 802.58 | 642.98 | 303.28 | 13.66 | 1.31 | 0.86 | 1.00 |
| OC | 942.07 | 936.65 | 894.13 | 803.05 | 638.27 | 296.53 | 13.29 | 1.38 | 0.96 | 1.15 |
| OD | 942.07 | 936.65 | 894.13 | 803.05 | 638.27 | 296.53 | 13.29 | 1.38 | 0.96 | 1.15 |



| H[m] | D[m] | Max lux | Med lux | Alpha=41.5°+41.5° | G=0.0 | |
|------|------|---------|---------|-------------------|-------|--|
| 1.00 | 1.77 | 942 | 389 | | | |
| 2.00 | 3.54 | 236 | 97 | | | |
| 3.00 | 5.31 | 105 | 43 | | | |
| 4.00 | 7.08 | 59 | 24 | | | |
| 5.00 | 8.86 | 38 | 16 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=41.5°+41.5° | G=0.0 | |
|------|------|---------|---------|------------------|-------|--|
| 1.00 | 1.77 | 942 | 389 | | | |
| 2.00 | 3.54 | 236 | 97 | | | |
| 3.00 | 5.31 | 105 | 43 | | | |
| 4.00 | 7.07 | 59 | 24 | | | |
| 5.00 | 8.84 | 38 | 16 | | | |

Luminaire

Code 0366

Name Free hanging lamp x6 without g

Measurem.

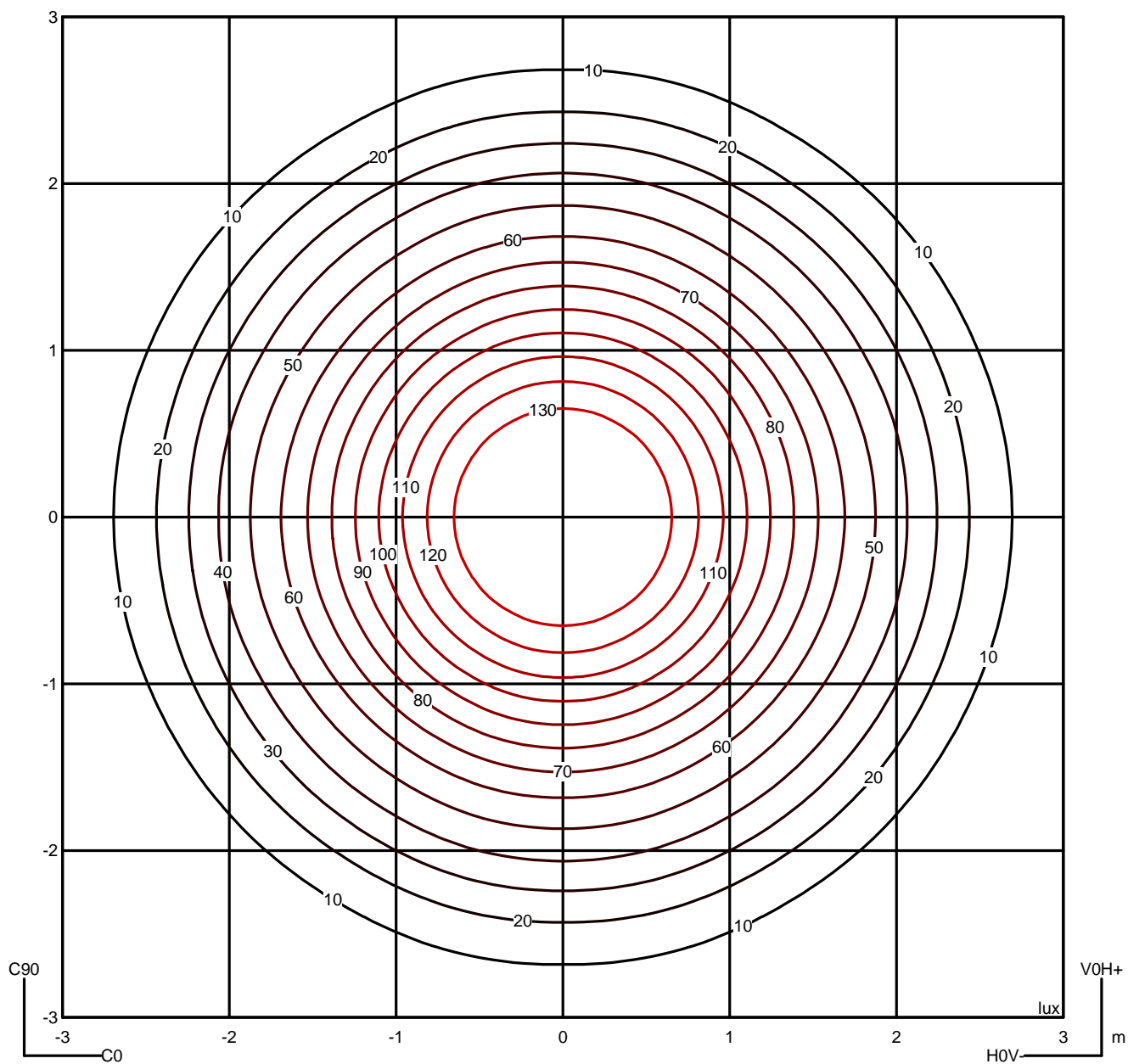
Code 0366

Name Free hanging lamp x6 without g

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|----------------|------------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1360.01 lm | Luminaire Power | 27.00 W | Efficacy | 50.37 lm/W | Efficiency | 46.23% |
| Lamps Flux | 2941.60 lm | Maximum value | 320.26 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire

Code 0366

Name Free hanging lamp x6 without g

Measur.

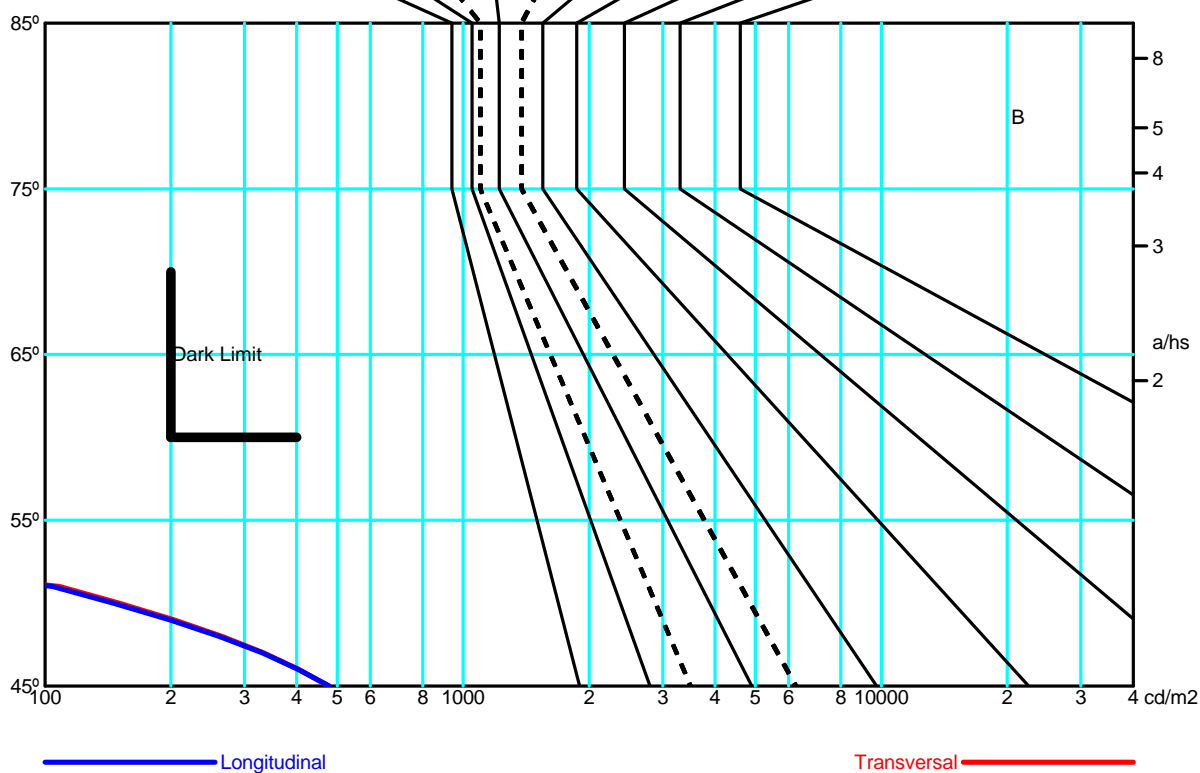
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|----------------|------------|-----------------|---------------|----------|---------------|------------|--------------------|
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| Lamps Flux | 2941.60 lm | Maximum value | 320.26 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

| | 45° | 50° | 55° | 60° | Average Luminance [cd/m²] | | | | 80° | 85° | |
|-------|-----|-----|-----|-----|---------------------------|-----|-----|-----|-----|-----|-----|
| 0.0° | 477 | 150 | 26 | 4 | 65° | 70° | 75° | 80° | 85° | | --- |
| 90.0° | 479 | 146 | 26 | 5 | 4 | 3 | 4 | 6 | 12 | | --- |

| Flujo montado o vista transversal | | | | | | | | | | | | |
|-----------------------------------|---|------------------|------|------|------|-----|------|------|------|------|------|------|
| | | Iluminancia (lx) | | | | | | | | | | |
| A | A | 2000 | 1000 | 750 | 500 | | <300 | | | | | 1.15 |
| B | 1 | | 2000 | 1500 | 1000 | 750 | 500 | <300 | | | | 1.5 |
| C | | | | | 2000 | | 1000 | 500 | <300 | | | 1.85 |
| D | 2 | | | | | | 2000 | 1000 | 500 | <300 | | 2.2 |
| E | 3 | | | | | | | 2000 | 1000 | 500 | <300 | 2.55 |



Luminaire

Code 0366

Name Free hanging lamp x6 without g

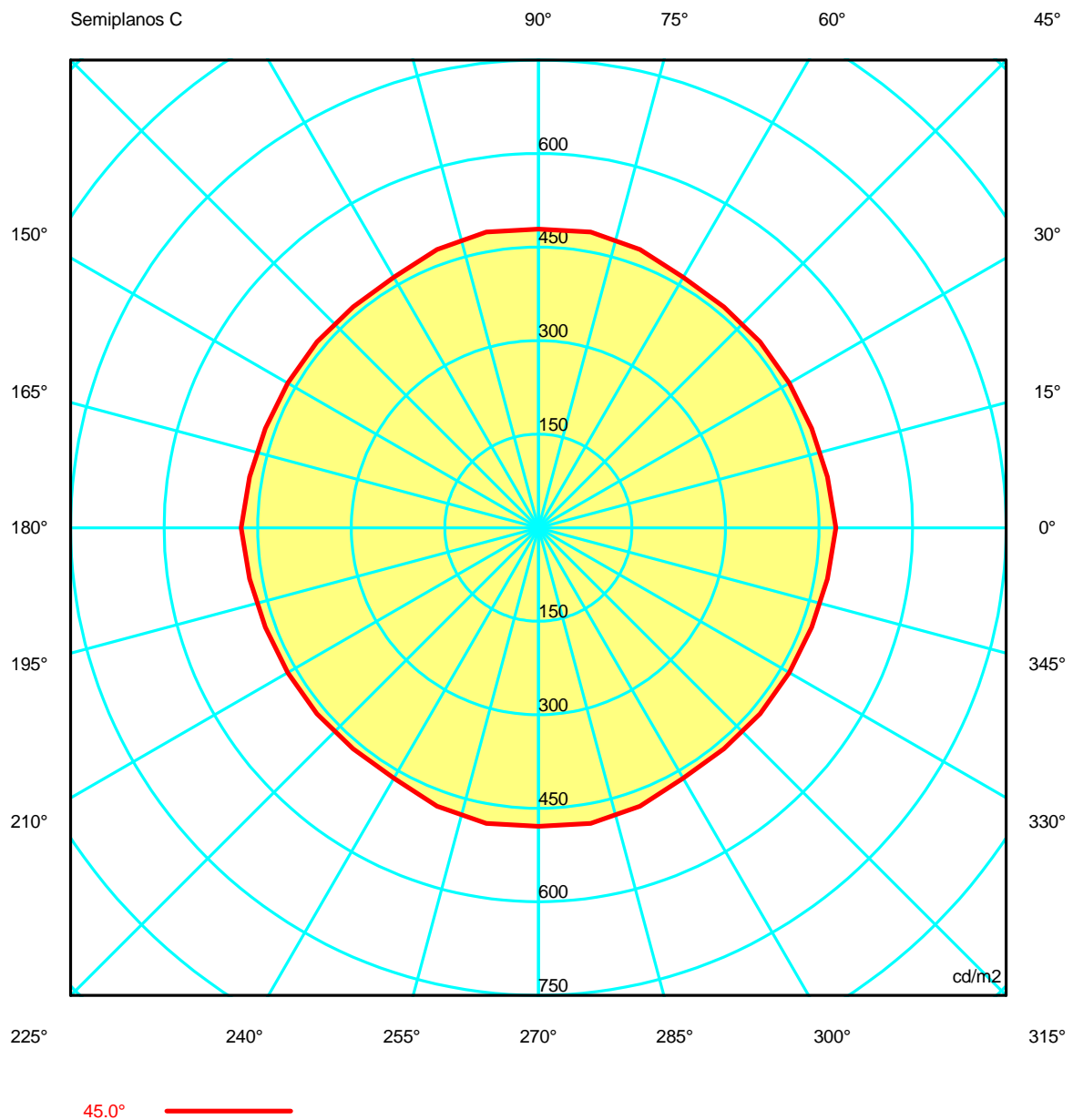
Measur.

Code 0366

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Luminance



Luminaire

Code 0366

Name Free hanging lamp x6 without g

Measur.

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Name Free hanging lamp x6 without g

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|----------------|------------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1360.01 lm | Luminaire Power | 27.00 W | Efficacy | 50.37 lm/W | Efficiency | 46.23% |
| Lamps Flux | 2941.60 lm | Maximum value | 320.26 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 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 |
| G 5.0 | 1099.03 | 1098.72 | 1098.53 | 1098.52 | 1098.64 | 1098.27 | 1098.08 | 1099.42 | 1100.79 | 1101.46 | 1100.79 | 1099.42 | 1098.08 |
| G 10.0 | 1087.96 | 1086.76 | 1086.48 | 1086.92 | 1087.28 | 1087.36 | 1087.77 | 1089.34 | 1091.04 | 1092.37 | 1091.04 | 1089.34 | 1087.77 |
| G 15.0 | 1071.72 | 1070.93 | 1069.89 | 1069.17 | 1069.93 | 1070.76 | 1071.67 | 1074.01 | 1076.62 | 1078.88 | 1076.62 | 1074.01 | 1071.67 |
| G 20.0 | 1047.98 | 1045.20 | 1044.35 | 1045.12 | 1046.01 | 1047.09 | 1048.82 | 1052.09 | 1055.37 | 1058.13 | 1055.37 | 1052.09 | 1048.82 |
| G 25.0 | 1013.29 | 1011.35 | 1009.19 | 1007.12 | 1008.88 | 1010.92 | 1012.95 | 1018.11 | 1023.27 | 1026.96 | 1023.27 | 1018.11 | 1012.95 |
| G 30.0 | 959.52 | 958.54 | 955.09 | 951.09 | 951.92 | 953.68 | 956.76 | 963.31 | 969.26 | 974.63 | 969.26 | 963.31 | 956.76 |
| G 35.0 | 886.75 | 881.15 | 875.25 | 870.53 | 870.00 | 871.64 | 875.92 | 885.03 | 892.84 | 897.19 | 892.84 | 885.03 | 875.92 |
| G 40.0 | 777.33 | 776.66 | 769.51 | 760.25 | 761.26 | 763.57 | 768.18 | 779.22 | 787.72 | 794.11 | 787.72 | 779.22 | 768.18 |
| G 45.0 | 476.77 | 470.55 | 466.32 | 464.43 | 463.96 | 462.38 | 463.93 | 474.95 | 481.58 | 478.87 | 481.58 | 474.95 | 463.93 |
| G 50.0 | 150.35 | 146.99 | 137.70 | 128.53 | 131.16 | 131.77 | 130.05 | 139.29 | 146.56 | 145.78 | 146.56 | 139.29 | 130.05 |
| G 55.0 | 25.88 | 25.27 | 24.74 | 24.49 | 24.69 | 24.73 | 24.75 | 26.09 | 26.78 | 26.14 | 26.78 | 26.09 | 24.75 |
| G 60.0 | 4.26 | 4.25 | 4.24 | 4.26 | 4.35 | 4.40 | 4.41 | 4.49 | 4.54 | 4.53 | 4.54 | 4.49 | 4.41 |
| G 65.0 | 3.24 | 3.24 | 3.25 | 3.30 | 3.36 | 3.40 | 3.44 | 3.51 | 3.57 | 3.60 | 3.57 | 3.51 | 3.44 |
| G 70.0 | 2.89 | 2.87 | 2.87 | 2.91 | 2.98 | 3.04 | 3.09 | 3.17 | 3.24 | 3.30 | 3.24 | 3.17 | 3.09 |
| G 75.0 | 3.23 | 3.16 | 3.15 | 3.21 | 3.28 | 3.38 | 3.49 | 3.63 | 3.77 | 3.93 | 3.77 | 3.63 | 3.49 |
| G 80.0 | 4.54 | 4.41 | 4.37 | 4.43 | 4.53 | 4.69 | 4.93 | 5.24 | 5.57 | 5.90 | 5.57 | 5.24 | 4.93 |
| G 85.0 | 8.20 | 7.87 | 7.72 | 7.77 | 7.96 | 8.31 | 8.88 | 9.71 | 10.67 | 11.73 | 10.67 | 9.71 | 8.88 |
| G 90.0 | 24.34 | 22.42 | 21.56 | 21.62 | 22.47 | 24.26 | 27.46 | 32.81 | 41.17 | 55.63 | 41.17 | 32.81 | 27.46 |

Luminaire

Code 0366

Name Free hanging lamp x6 without g

Measurement

Code 0366

Name Free hanging lamp x6 without g

| | | | | | | | |
|----------------|------------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1360.01 lm | Luminaire Power | 27.00 W | Efficacy | 50.37 lm/W | Efficiency | 46.23% |
| Lamps Flux | 2941.60 lm | Maximum value | 320.26 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 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 |
| G 5.0 | 1098.27 | 1098.64 | 1098.52 | 1098.53 | 1098.72 | 1099.03 | 1098.72 | 1098.53 | 1098.52 | 1098.64 | 1098.27 | 1098.08 | 1099.42 |
| G 10.0 | 1087.36 | 1087.28 | 1086.92 | 1086.48 | 1086.76 | 1087.96 | 1086.76 | 1086.48 | 1086.92 | 1087.28 | 1087.36 | 1087.77 | 1089.34 |
| G 15.0 | 1070.76 | 1069.93 | 1069.17 | 1069.89 | 1070.93 | 1071.72 | 1070.93 | 1069.89 | 1069.17 | 1069.93 | 1070.76 | 1071.67 | 1074.01 |
| G 20.0 | 1047.09 | 1046.01 | 1045.12 | 1044.35 | 1045.20 | 1047.98 | 1045.20 | 1044.35 | 1045.12 | 1046.01 | 1047.09 | 1048.82 | 1052.09 |
| G 25.0 | 1010.92 | 1008.88 | 1007.12 | 1009.19 | 1011.35 | 1013.29 | 1011.35 | 1009.19 | 1007.12 | 1008.88 | 1010.92 | 1012.95 | 1018.11 |
| G 30.0 | 953.68 | 951.92 | 951.09 | 955.09 | 958.54 | 959.52 | 958.54 | 955.09 | 951.09 | 951.92 | 953.68 | 956.76 | 963.31 |
| G 35.0 | 871.64 | 870.00 | 870.53 | 875.25 | 881.15 | 886.75 | 881.15 | 875.25 | 870.53 | 870.00 | 871.64 | 875.92 | 885.03 |
| G 40.0 | 763.57 | 761.26 | 760.25 | 769.51 | 776.66 | 777.33 | 776.66 | 769.51 | 760.25 | 761.26 | 763.57 | 768.18 | 779.22 |
| G 45.0 | 462.38 | 463.96 | 464.43 | 466.32 | 470.55 | 476.77 | 470.55 | 466.32 | 464.43 | 463.96 | 462.38 | 463.93 | 474.95 |
| G 50.0 | 131.77 | 131.16 | 128.53 | 137.70 | 146.99 | 150.35 | 146.99 | 137.70 | 128.53 | 131.16 | 131.77 | 130.05 | 139.29 |
| G 55.0 | 24.73 | 24.69 | 24.49 | 24.74 | 25.27 | 25.88 | 25.27 | 24.74 | 24.49 | 24.69 | 24.73 | 24.75 | 26.09 |
| G 60.0 | 4.40 | 4.35 | 4.26 | 4.24 | 4.25 | 4.26 | 4.25 | 4.24 | 4.26 | 4.35 | 4.40 | 4.41 | 4.49 |
| G 65.0 | 3.40 | 3.36 | 3.30 | 3.25 | 3.24 | 3.24 | 3.24 | 3.25 | 3.30 | 3.36 | 3.40 | 3.44 | 3.51 |
| G 70.0 | 3.04 | 2.98 | 2.91 | 2.87 | 2.87 | 2.89 | 2.87 | 2.87 | 2.91 | 2.98 | 3.04 | 3.09 | 3.17 |
| G 75.0 | 3.38 | 3.28 | 3.21 | 3.15 | 3.16 | 3.23 | 3.16 | 3.15 | 3.21 | 3.28 | 3.38 | 3.49 | 3.63 |
| G 80.0 | 4.69 | 4.53 | 4.43 | 4.37 | 4.41 | 4.54 | 4.41 | 4.37 | 4.43 | 4.53 | 4.69 | 4.93 | 5.24 |
| G 85.0 | 8.31 | 7.96 | 7.77 | 7.72 | 7.87 | 8.20 | 7.87 | 7.72 | 7.77 | 7.96 | 8.31 | 8.88 | 9.71 |
| G 90.0 | 24.26 | 22.47 | 21.62 | 21.56 | 22.42 | 24.34 | 22.42 | 21.56 | 21.62 | 22.47 | 24.26 | 27.46 | 32.81 |

Luminaire

Code 0366

Name Free hanging lamp x6 without g

Measur.

Code 0366

Name Free hanging lamp x6 without g

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| Luminaire Flux | 1360.01 lm | Luminaire Power | 27.00 W | Efficacy | 50.37 lm/W | Efficiency | 46.23% |
| Lamps Flux | 2941.60 lm | Maximum value | 320.26 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 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 | 1106.36 |
| G 5.0 | 1100.79 | 1101.46 | 1100.79 | 1099.42 | 1098.08 | 1098.27 | 1098.64 | 1098.52 | 1098.53 | 1098.72 |
| G 10.0 | 1091.04 | 1092.37 | 1091.04 | 1089.34 | 1087.77 | 1087.36 | 1087.28 | 1086.92 | 1086.48 | 1086.76 |
| G 15.0 | 1076.62 | 1078.88 | 1076.62 | 1074.01 | 1071.67 | 1070.76 | 1069.93 | 1069.17 | 1069.89 | 1070.93 |
| G 20.0 | 1055.37 | 1058.13 | 1055.37 | 1052.09 | 1048.82 | 1047.09 | 1046.01 | 1045.12 | 1044.35 | 1045.20 |
| G 25.0 | 1023.27 | 1026.96 | 1023.27 | 1018.11 | 1012.95 | 1010.92 | 1008.88 | 1007.12 | 1009.19 | 1011.35 |
| G 30.0 | 969.26 | 974.63 | 969.26 | 963.31 | 956.76 | 953.68 | 951.92 | 951.09 | 955.09 | 958.54 |
| G 35.0 | 892.84 | 897.19 | 892.84 | 885.03 | 875.92 | 871.64 | 870.00 | 870.53 | 875.25 | 881.15 |
| G 40.0 | 787.72 | 794.11 | 787.72 | 779.22 | 768.18 | 763.57 | 761.26 | 760.25 | 769.51 | 776.66 |
| G 45.0 | 481.58 | 478.87 | 481.58 | 474.95 | 463.93 | 462.38 | 463.96 | 464.43 | 466.32 | 470.55 |
| G 50.0 | 146.56 | 145.78 | 146.56 | 139.29 | 130.05 | 131.77 | 131.16 | 128.53 | 137.70 | 146.99 |
| G 55.0 | 26.78 | 26.14 | 26.78 | 26.09 | 24.75 | 24.73 | 24.69 | 24.49 | 24.74 | 25.27 |
| G 60.0 | 4.54 | 4.53 | 4.54 | 4.49 | 4.41 | 4.40 | 4.35 | 4.26 | 4.24 | 4.25 |
| G 65.0 | 3.57 | 3.60 | 3.57 | 3.51 | 3.44 | 3.40 | 3.36 | 3.30 | 3.25 | 3.24 |
| G 70.0 | 3.24 | 3.30 | 3.24 | 3.17 | 3.09 | 3.04 | 2.98 | 2.91 | 2.87 | 2.87 |
| G 75.0 | 3.77 | 3.93 | 3.77 | 3.63 | 3.49 | 3.38 | 3.28 | 3.21 | 3.15 | 3.16 |
| G 80.0 | 5.57 | 5.90 | 5.57 | 5.24 | 4.93 | 4.69 | 4.53 | 4.43 | 4.37 | 4.41 |
| G 85.0 | 10.67 | 11.73 | 10.67 | 9.71 | 8.88 | 8.31 | 7.96 | 7.77 | 7.72 | 7.87 |
| G 90.0 | 41.17 | 55.63 | 41.17 | 32.81 | 27.46 | 24.26 | 22.47 | 21.62 | 21.56 | 22.42 |