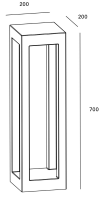


PX-0162-CEM

Balise IP65 Box 700mm LED 5.8W 4000K ON-OFF Ciment 580.00



CARACTÉRISTIQUES TECHNIQUES

IP65 IK10



Puissance totale du luminaire : 5.8W

Lumens réels : 115

Lumens nominaux : 580

Lm/W réels : 20

Angle des lentilles/Réflecteur : MEDIUM 29°

Matière de la structure : Ciment

Finition structure : Ciment

Matière du diffuseur : Verre

Finition diffuseur : Transparent

Tension/Fréquence : 220-240V/50-60Hz

Protocole de variation : ON-OFF

Power Factor : 0.97

Durée de vie : 36.000h L70B30

Garantie : 2 Ans

Résistance en milieu marin : Non

Luminaire facilement recyclable

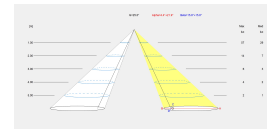
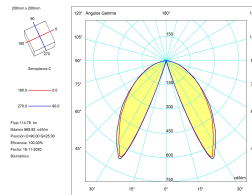
CARACTÉRISTIQUES LUMINOTECHNIQUES

CRI: 80

MacAdam steps: 4

Risque photobiologique: RG0

| Douille | Quantité | Puissance source lumineuse (W) | Température de couleur corrélée (CCT) |
|---------|----------|--------------------------------|---------------------------------------|
| LED | 1 | 5.8W | 4000K |



LOGISTIQUE

Poids net (kg): 12.13

Poids emballé (kg): 14.53

Emballage: 820mm x 395mm x 400mm

 1 Un





Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

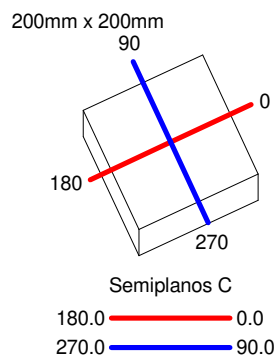
Código CL116A20F067G

Nombre BOX

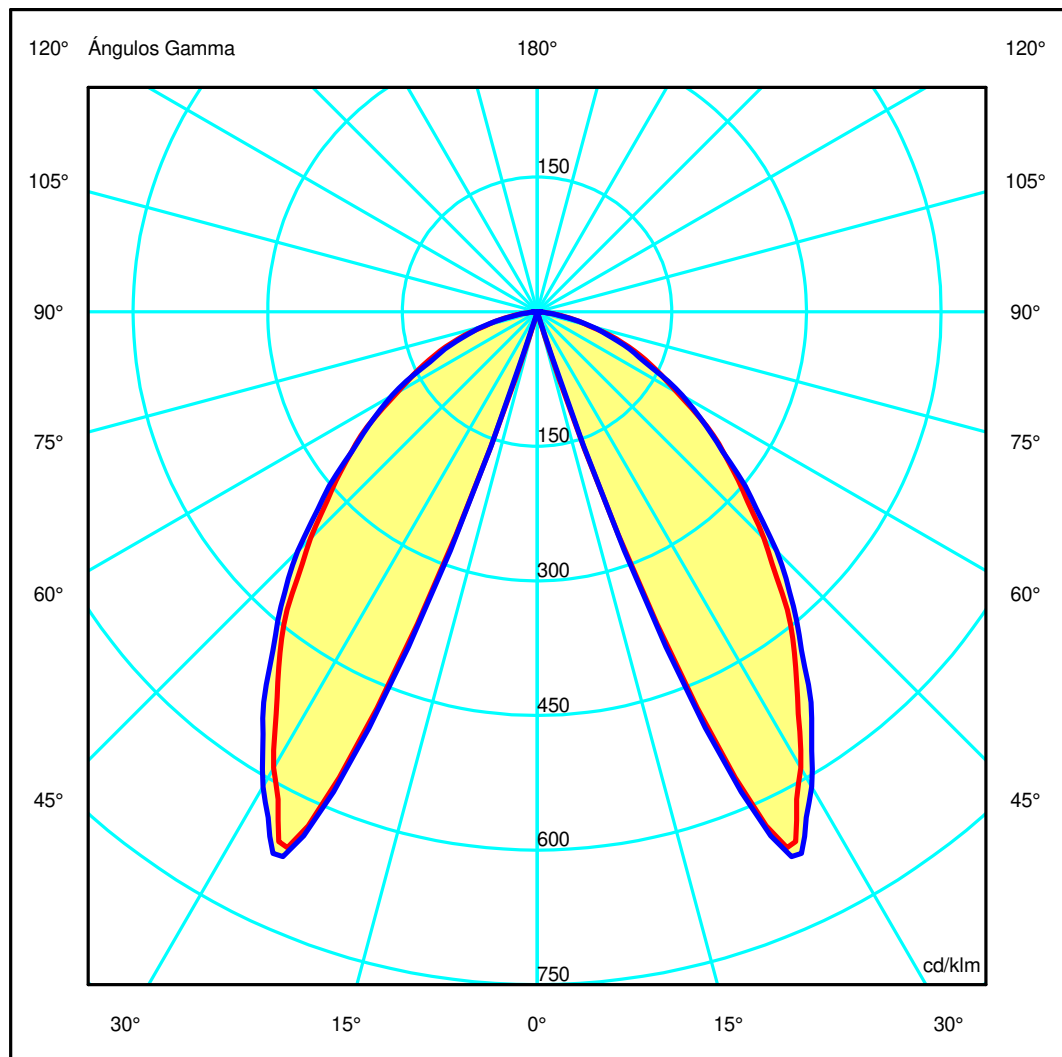
| | | | | | | | |
|----------------------------|------------|--------------------|-------------------------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |
| Luminaria Rectangular | Longit. | 200 mm | Anchura | 200 mm | Altura | 50 mm | |
| Área Luminosa Redonda | Diam. | 35 mm | Altura | 0 mm | | | |
| Área Luminosa Horizontal | | 0.000962 m2 | Área Emisión sobre Pl. 180° | | 0.000000 m2 | | |
| Área Emisión sobre Pl. 0° | | 0.000000 m2 | Área Emisión sobre Pl. 270° | | 0.000000 m2 | | |
| Área Emisión sobre Pl. 90° | | 0.000000 m2 | Área de deslumbramiento a 76° | | 0.000233 m2 | | |
| Sist. de Coorden. | CG | | Tipo de Simetría | | Bisimétrico | | |
| Fecha | 16-11-2020 | | Máximo Ángulo Gamma | | 90 | | |
| Distancia de Ensayo | 0.00 | | Flujo de Ensayo | | 114.79 lm | | |
| Operador | Asselum T2 | | Tensión Nominal | | | | |
| Temperatura | 25.00 °C | | Corriente Nominal | | | | |
| Humedad | 60.00 % | | Fotocélula | | | | |
| Notas | | | | | | | |

Fuentes de luz de la Luminaria

| Familia | Código LED | Nombre LED | Flujo [lm] | Pot. [W] | Cant. |
|---------|------------------|------------|------------|-----------------|-------|
| | | | 114.79 | 5.91 | 1 |
| C.I.E. | 47 82 96 100 100 | | D DIN 5040 | A30 | |
| F UTE | 1.00 F | | B NBN | BZ 5 / 2 / BZ 4 | |



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %





Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
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| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Tabla de Intensidad Luminosa cd/klm Tabla 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 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 | 1.61 |
| G 2.5 | 1.73 | 1.74 | 1.64 | 1.64 | 1.66 | 1.81 | 1.55 |
| G 5.0 | 1.93 | 1.93 | 1.79 | 1.91 | 1.99 | 1.98 | 1.79 |
| G 7.5 | 1.97 | 2.07 | 2.12 | 2.28 | 2.21 | 2.31 | 2.08 |
| G 10.0 | 2.32 | 2.32 | 2.66 | 2.88 | 2.64 | 2.55 | 2.32 |
| G 12.5 | 2.32 | 2.74 | 3.02 | 3.37 | 3.26 | 2.74 | 2.40 |
| G 15.0 | 2.38 | 3.24 | 3.63 | 4.07 | 3.84 | 3.59 | 2.51 |
| G 17.5 | 49.33 | 46.65 | 4.48 | 4.55 | 4.78 | 50.06 | 14.46 |
| G 20.0 | 264.22 | 197.30 | 52.00 | 5.39 | 30.74 | 200.92 | 283.18 |
| G 22.5 | 522.66 | 444.56 | 171.62 | 6.24 | 205.75 | 483.50 | 543.24 |
| G 25.0 | 658.74 | 585.06 | 376.89 | 7.21 | 393.29 | 624.02 | 669.92 |
| G 27.5 | 624.68 | 628.03 | 462.54 | 7.89 | 480.80 | 648.88 | 646.68 |
| G 30.0 | 586.94 | 591.79 | 451.93 | 8.47 | 459.46 | 612.53 | 611.14 |
| G 32.5 | 542.62 | 548.76 | 410.55 | 8.90 | 431.70 | 572.08 | 568.73 |
| G 35.0 | 503.79 | 508.94 | 383.37 | 9.14 | 405.22 | 531.48 | 531.44 |
| G 37.5 | 469.09 | 473.54 | 358.71 | 9.23 | 380.22 | 490.50 | 486.40 |
| G 40.0 | 433.28 | 434.12 | 324.42 | 9.45 | 352.58 | 451.25 | 449.35 |
| G 42.5 | 390.77 | 396.64 | 296.76 | 9.42 | 319.26 | 411.73 | 413.23 |
| G 45.0 | 357.37 | 361.78 | 274.36 | 9.37 | 290.23 | 371.48 | 377.53 |
| G 47.5 | 321.33 | 326.41 | 251.85 | 9.37 | 264.52 | 337.94 | 335.87 |
| G 50.0 | 292.48 | 297.10 | 225.87 | 9.37 | 240.96 | 303.29 | 302.66 |
| G 52.5 | 264.33 | 270.40 | 202.95 | 9.43 | 218.37 | 268.29 | 265.36 |
| G 55.0 | 239.69 | 241.48 | 183.87 | 9.55 | 196.62 | 241.00 | 236.53 |
| G 57.5 | 208.98 | 214.12 | 164.27 | 9.66 | 173.90 | 212.06 | 210.99 |
| G 60.0 | 179.84 | 188.82 | 145.56 | 9.66 | 152.48 | 184.80 | 186.45 |
| G 62.5 | 159.16 | 163.71 | 127.80 | 9.66 | 132.25 | 163.02 | 159.41 |
| G 65.0 | 139.50 | 143.93 | 110.25 | 9.57 | 116.20 | 141.33 | 132.05 |
| G 67.5 | 120.37 | 125.21 | 94.15 | 9.66 | 102.46 | 119.00 | 114.30 |
| G 70.0 | 101.05 | 104.03 | 83.01 | 9.57 | 87.71 | 100.61 | 95.79 |
| G 72.5 | 81.25 | 86.14 | 69.61 | 9.55 | 72.70 | 82.68 | 78.27 |
| G 75.0 | 59.88 | 67.93 | 56.08 | 9.49 | 57.04 | 64.55 | 62.67 |
| G 77.5 | 45.42 | 50.94 | 45.42 | 9.29 | 45.84 | 50.54 | 44.36 |
| G 80.0 | 32.03 | 37.72 | 34.65 | 9.37 | 35.84 | 36.22 | 27.76 |
| G 82.5 | 19.82 | 24.83 | 25.57 | 9.32 | 26.75 | 23.52 | 16.86 |
| G 85.0 | 8.33 | 15.38 | 18.54 | 9.28 | 18.60 | 14.25 | 8.60 |
| G 87.5 | 3.98 | 10.27 | 15.27 | 9.48 | 15.22 | 10.31 | 4.10 |
| G 90.0 | 4.25 | 10.38 | 15.66 | 9.98 | 15.72 | 10.55 | 4.64 |



Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

Código CL116A20F067G

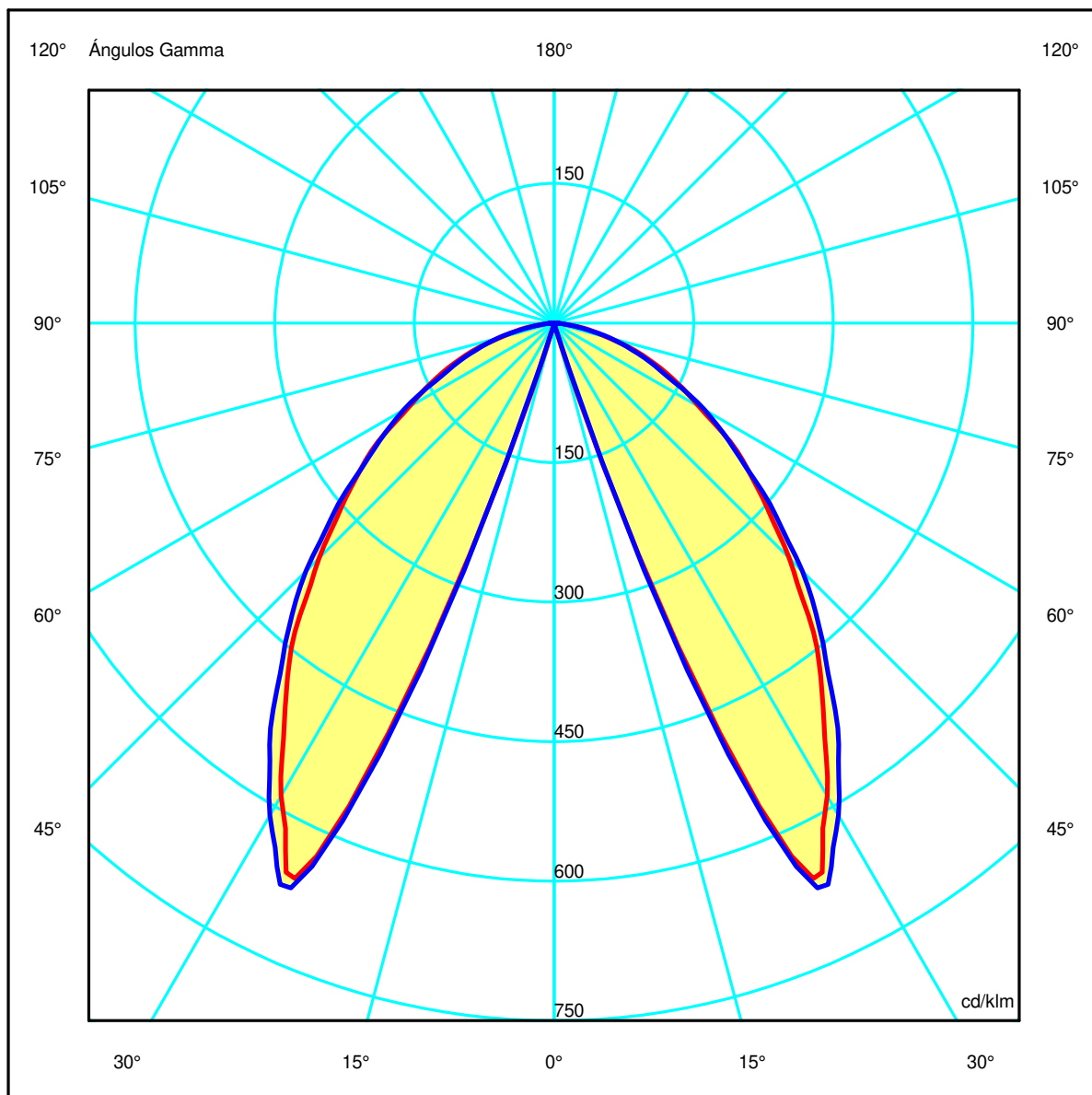
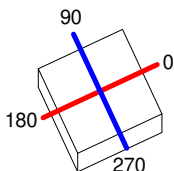
Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

200mm x 200mm

Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0





Luminaria

Código PX-0162-CEM

Nombre BOX

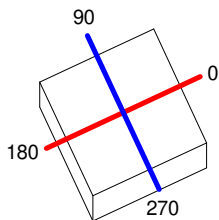
Ensayo

Código CL116A20F067G

Nombre BOX

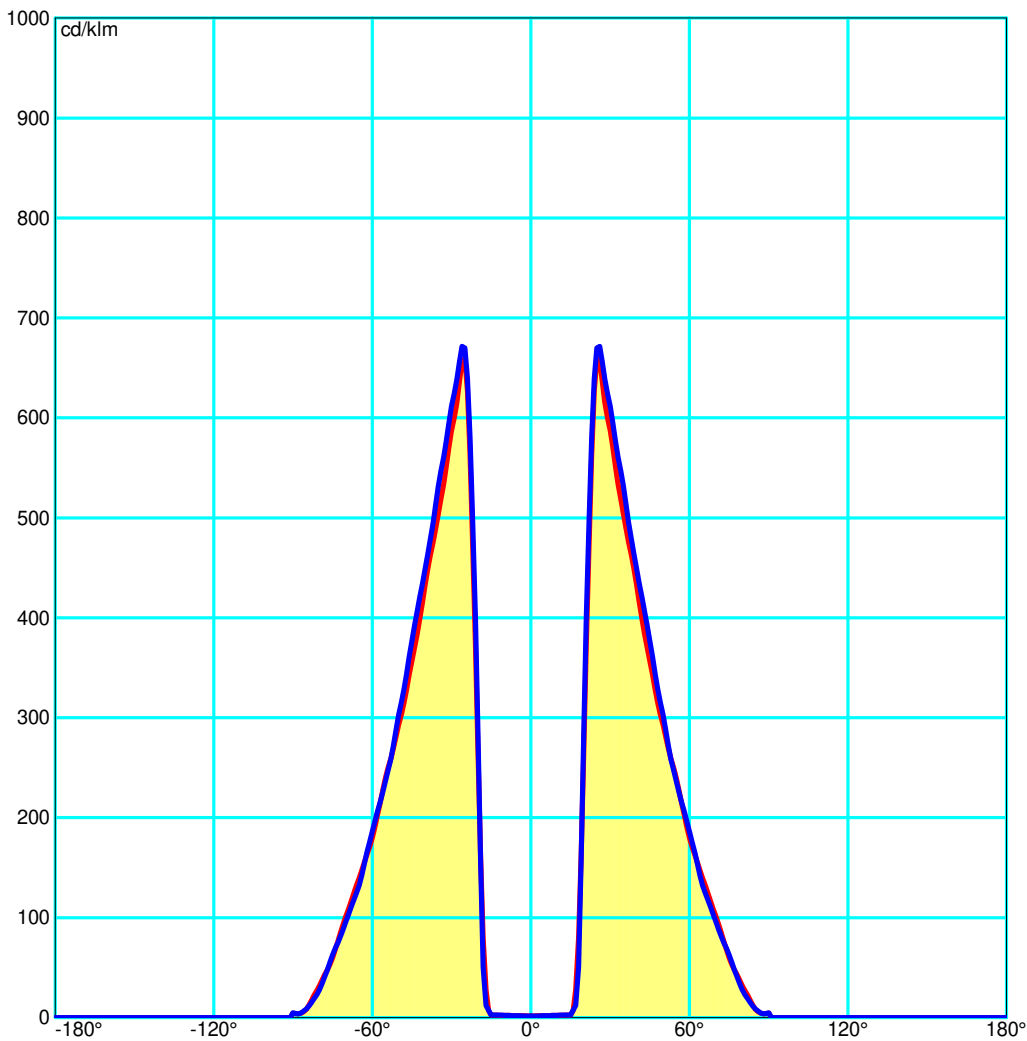
| | | | | | | | |
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| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

200mm x 200mm



Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0





Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

UGR
S = 0.250

| Reflectancias | | | | | | | | | | |
|-----------------------|---------------|------|------|------|------|--------------------|------|------|------|------|
| Techo/Cavidad | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Paredes | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| PDT | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Dimensiones del Local | | | | | | | | | | |
| | Vista Lateral | | | | | Vista Longitudinal | | | | |
| x=2H y=2H | 26.6 | 27.9 | 26.9 | 28.2 | 28.4 | 26.6 | 27.9 | 26.9 | 28.1 | 28.4 |
| x=2H y=3H | 27.9 | 29.1 | 28.3 | 29.4 | 29.7 | 27.8 | 29.0 | 28.1 | 29.3 | 29.5 |
| x=2H y=4H | 28.4 | 29.5 | 28.7 | 29.8 | 30.1 | 28.2 | 29.4 | 28.6 | 29.7 | 29.9 |
| x=2H y=6H | 28.6 | 29.7 | 29.0 | 30.0 | 30.3 | 28.5 | 29.5 | 28.8 | 29.8 | 30.1 |
| x=2H y=8H | 28.7 | 29.7 | 29.1 | 30.0 | 30.3 | 28.5 | 29.5 | 28.9 | 29.8 | 30.2 |
| x=2H y=12H | 28.7 | 29.6 | 29.1 | 30.0 | 30.3 | 28.5 | 29.5 | 28.9 | 29.8 | 30.1 |
| x=4H y=2H | 26.6 | 27.7 | 26.9 | 28.0 | 28.3 | 26.6 | 27.7 | 26.9 | 28.0 | 28.3 |
| x=4H y=3H | 28.2 | 29.1 | 28.5 | 29.4 | 29.8 | 28.0 | 29.0 | 28.4 | 29.3 | 29.7 |
| x=4H y=4H | 28.8 | 29.7 | 29.2 | 30.0 | 30.4 | 28.7 | 29.5 | 29.1 | 29.9 | 30.2 |
| x=4H y=6H | 29.3 | 30.0 | 29.7 | 30.4 | 30.8 | 29.1 | 29.8 | 29.5 | 30.2 | 30.6 |
| x=4H y=8H | 29.4 | 30.1 | 29.8 | 30.4 | 30.8 | 29.2 | 29.9 | 29.6 | 30.2 | 30.7 |
| x=4H y=12H | 29.4 | 30.0 | 29.9 | 30.4 | 30.9 | 29.2 | 29.8 | 29.7 | 30.2 | 30.7 |
| x=8H y=4H | 28.8 | 29.5 | 29.3 | 29.9 | 30.3 | 28.7 | 29.4 | 29.1 | 29.7 | 30.1 |
| x=8H y=6H | 29.4 | 29.9 | 29.9 | 30.4 | 30.8 | 29.2 | 29.8 | 29.7 | 30.2 | 30.7 |
| x=8H y=8H | 29.6 | 30.1 | 30.1 | 30.5 | 31.0 | 29.4 | 29.9 | 29.9 | 30.4 | 30.9 |
| x=8H y=12H | 29.7 | 30.2 | 30.2 | 30.6 | 31.1 | 29.6 | 30.0 | 30.0 | 30.4 | 30.9 |
| x=12H y=4H | 28.8 | 29.4 | 29.3 | 29.9 | 30.3 | 28.7 | 29.3 | 29.1 | 29.7 | 30.1 |
| x=12H y=6H | 29.4 | 29.9 | 29.9 | 30.3 | 30.8 | 29.3 | 29.7 | 29.7 | 30.2 | 30.7 |
| x=12H y=8H | 29.6 | 30.1 | 30.1 | 30.5 | 31.0 | 29.5 | 29.9 | 30.0 | 30.4 | 30.9 |



Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Flujo Total=114.79 Flujo Luminaria=114.79

| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 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 | 0.29 | 0.39 | 0.46 | 0.54 | 0.60 | 0.69 | 0.74 | 0.78 | 0.83 | 0.86 | 0.92 | 0.96 |
| RC | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

Flujo Zonal por 1000 Lúmenes

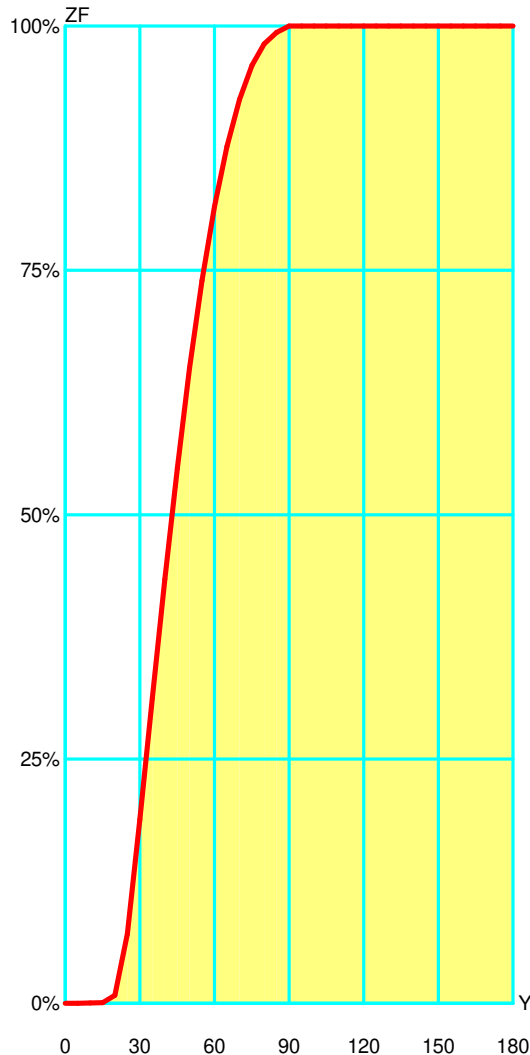
| | | | | | | | | | | | | | | | | | | |
|-------|----|----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) | 0 | 8 | 188 | 434 | 650 | 815 | 925 | 982 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

Códigos de Flujo C.I.E.

47 82 96 100 100

| | |
|------------|-----------------|
| C.I.E. | 5 |
| D DIN 5040 | A30 |
| F UTE | 1.00 F |
| B NBN | BZ 5 / 2 / BZ 4 |
| RN | 0.00000 % |
| BLF | 1.0 |

| | |
|------|-------------|
| LOR | 100.00000 % |
| ULOR | 0.00000 % |
| DLOR | 100.00000 % |
| 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° | 0.04 | 0.04 | 0.00% | 0.00% |
| 10° | 0.16 | 0.20 | 0.02% | 0.02% |
| 15° | 0.35 | 0.56 | 0.04% | 0.06% |
| 20° | 7.67 | 8.23 | 0.77% | 0.82% |
| 25° | 62.93 | 71.15 | 6.29% | 7.12% |
| 30° | 117.11 | 188.26 | 11.71% | 18.83% |
| 35° | 124.21 | 312.47 | 12.42% | 31.25% |
| 40° | 121.50 | 433.97 | 12.15% | 43.40% |
| 45° | 113.43 | 547.40 | 11.34% | 54.74% |
| 50° | 102.38 | 649.79 | 10.24% | 64.98% |
| 55° | 89.67 | 739.46 | 8.97% | 73.95% |
| 60° | 75.89 | 815.35 | 7.59% | 81.53% |
| 65° | 61.40 | 876.74 | 6.14% | 87.67% |
| 70° | 47.99 | 924.74 | 4.80% | 92.47% |
| 75° | 34.84 | 959.58 | 3.48% | 95.96% |
| 80° | 22.15 | 981.72 | 2.21% | 98.17% |
| 85° | 11.88 | 993.60 | 1.19% | 99.36% |
| 90° | 6.40 | 1000.00 | 0.64% | 100.00% |
| 95° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 100° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 105° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 110° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 115° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 120° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 125° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 130° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 135° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 140° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 145° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 150° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 155° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 160° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 165° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 170° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 175° | 0.00 | 1000.00 | 0.00% | 100.00% |
| 180° | 0.00 | 1000.00 | 0.00% | 100.00% |



Luminaria
 Código PX-0162-CEM
 Nombre BOX
Ensayo
 Código CL116A20F067G
 Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Utilización CIE

| Montaje | Directo | Normalización | | | | | | | | | | Normalizados | | | | | Raz. de Susp. 1/3 | | | | | CIE Estándar | | | | |
|---------|---------|---------------|------|------|------|------|------|------|------|------|------|--------------|------|------|------|------|-------------------|------|------|------|------|--------------|------|--|--|--|
| Techo | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 219 | 197 | 174 | 157 | 187 | 150 | 112 | 95 | 88 | 75 | 47 | 35 | 17 | 12 | 70 | 38 | 33 | 14 | 11 | 32 | 12 | 10 | 0 | | | |
| 0.80 | 252 | 231 | 184 | 169 | 220 | 162 | 140 | 123 | 100 | 88 | 56 | 45 | 23 | 17 | 82 | 47 | 42 | 20 | 16 | 40 | 17 | 15 | 0 | | | |
| 1.00 | 274 | 255 | 184 | 172 | 243 | 165 | 163 | 146 | 107 | 96 | 63 | 52 | 29 | 22 | 90 | 54 | 49 | 25 | 21 | 47 | 22 | 20 | 0 | | | |
| 1.25 | 294 | 276 | 181 | 171 | 263 | 164 | 186 | 169 | 111 | 101 | 69 | 59 | 36 | 29 | 95 | 60 | 56 | 31 | 27 | 53 | 28 | 25 | 0 | | | |
| 1.50 | 307 | 292 | 176 | 168 | 278 | 162 | 205 | 189 | 113 | 105 | 74 | 64 | 42 | 34 | 99 | 65 | 61 | 37 | 33 | 58 | 33 | 30 | 0 | | | |
| 2.00 | 325 | 312 | 165 | 159 | 297 | 154 | 234 | 219 | 113 | 107 | 80 | 72 | 51 | 44 | 101 | 72 | 68 | 47 | 42 | 66 | 43 | 39 | 0 | | | |
| 2.50 | 336 | 325 | 156 | 152 | 311 | 148 | 254 | 241 | 113 | 108 | 84 | 77 | 59 | 52 | 103 | 77 | 74 | 54 | 50 | 71 | 50 | 47 | 0 | | | |
| 3.00 | 344 | 335 | 150 | 146 | 320 | 142 | 270 | 257 | 113 | 108 | 87 | 81 | 64 | 58 | 104 | 80 | 78 | 60 | 56 | 75 | 56 | 52 | 0 | | | |
| 4.00 | 356 | 349 | 142 | 140 | 334 | 136 | 292 | 281 | 113 | 109 | 92 | 86 | 72 | 67 | 105 | 86 | 83 | 68 | 65 | 81 | 64 | 61 | 0 | | | |
| 5.00 | 363 | 357 | 137 | 135 | 342 | 132 | 307 | 298 | 112 | 110 | 94 | 90 | 78 | 73 | 106 | 89 | 87 | 74 | 71 | 84 | 70 | 67 | 0 | | | |
| 10.00 | 379 | 376 | 125 | 125 | 361 | 122 | 340 | 335 | 111 | 110 | 101 | 99 | 91 | 88 | 107 | 97 | 96 | 88 | 86 | 93 | 84 | 81 | 0 | | | |
| 20.00 | 388 | 386 | 118 | 118 | 371 | 116 | 359 | 356 | 110 | 110 | 104 | 103 | 99 | 97 | 107 | 101 | 101 | 96 | 95 | 98 | 93 | 90 | 0 | | | |
| Pared | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 474 | 462 | 416 | 408 | 455 | 403 | 359 | 351 | 325 | 320 | 273 | 268 | 235 | 233 | 317 | 269 | 267 | 234 | 233 | 266 | 233 | 232 | 212 | | | |
| 0.80 | 529 | 517 | 450 | 442 | 507 | 436 | 413 | 404 | 364 | 358 | 312 | 307 | 273 | 271 | 354 | 307 | 305 | 272 | 270 | 304 | 270 | 269 | 245 | | | |
| 1.00 | 565 | 553 | 468 | 460 | 541 | 454 | 451 | 441 | 388 | 382 | 338 | 333 | 300 | 297 | 376 | 332 | 330 | 298 | 296 | 328 | 296 | 294 | 268 | | | |
| 1.25 | 595 | 583 | 479 | 472 | 569 | 465 | 486 | 475 | 406 | 401 | 361 | 355 | 324 | 321 | 394 | 354 | 352 | 321 | 319 | 349 | 319 | 317 | 286 | | | |
| 1.50 | 617 | 606 | 485 | 480 | 590 | 472 | 512 | 501 | 419 | 414 | 377 | 371 | 343 | 339 | 407 | 370 | 367 | 339 | 337 | 364 | 336 | 333 | 300 | | | |
| 2.00 | 638 | 628 | 483 | 479 | 609 | 471 | 542 | 532 | 428 | 424 | 392 | 387 | 362 | 357 | 415 | 384 | 381 | 357 | 354 | 377 | 352 | 349 | 312 | | | |
| 2.50 | 651 | 643 | 480 | 477 | 622 | 469 | 563 | 553 | 433 | 429 | 402 | 397 | 375 | 370 | 420 | 393 | 391 | 369 | 366 | 385 | 364 | 359 | 320 | | | |
| 3.00 | 659 | 652 | 476 | 474 | 629 | 466 | 577 | 568 | 435 | 432 | 407 | 403 | 383 | 379 | 422 | 398 | 396 | 377 | 374 | 390 | 371 | 366 | 324 | | | |
| 4.00 | 677 | 671 | 479 | 477 | 647 | 470 | 604 | 595 | 445 | 442 | 422 | 418 | 401 | 397 | 431 | 412 | 410 | 394 | 391 | 403 | 387 | 381 | 337 | | | |
| 5.00 | 693 | 688 | 485 | 483 | 662 | 476 | 625 | 617 | 454 | 452 | 435 | 431 | 417 | 413 | 441 | 424 | 423 | 409 | 406 | 415 | 401 | 394 | 348 | | | |
| 10.00 | 739 | 736 | 509 | 508 | 708 | 501 | 685 | 681 | 489 | 488 | 477 | 475 | 465 | 463 | 476 | 465 | 464 | 455 | 454 | 455 | 446 | 437 | 387 | | | |
| 20.00 | 778 | 776 | 535 | 535 | 746 | 528 | 733 | 730 | 521 | 520 | 514 | 512 | 507 | 505 | 508 | 502 | 501 | 496 | 495 | 491 | 485 | 475 | 423 | | | |
| P.Trab. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 585 | 572 | 546 | 536 | 564 | 530 | 447 | 439 | 430 | 424 | 362 | 358 | 313 | 311 | 420 | 358 | 356 | 312 | 311 | 355 | 311 | 310 | 293 | | | |
| 0.80 | 699 | 685 | 644 | 634 | 673 | 626 | 556 | 546 | 530 | 523 | 462 | 456 | 410 | 407 | 517 | 455 | 453 | 408 | 406 | 451 | 406 | 405 | 386 | | | |
| 1.00 | 787 | 773 | 717 | 708 | 757 | 699 | 644 | 632 | 609 | 602 | 543 | 536 | 491 | 487 | 593 | 534 | 532 | 487 | 486 | 528 | 485 | 483 | 465 | | | |
| 1.25 | 869 | 855 | 784 | 775 | 835 | 764 | 730 | 716 | 683 | 676 | 621 | 613 | 571 | 566 | 666 | 611 | 608 | 566 | 563 | 603 | 562 | 559 | 542 | | | |
| 1.50 | 930 | 916 | 830 | 823 | 893 | 811 | 794 | 780 | 738 | 731 | 679 | 671 | 631 | 625 | 719 | 668 | 665 | 625 | 622 | 659 | 620 | 616 | 600 | | | |
| 2.00 | 1000 | 1000 | 895 | 890 | 976 | 877 | 891 | 877 | 817 | 810 | 766 | 759 | 724 | 717 | 796 | 753 | 750 | 716 | 712 | 742 | 709 | 703 | 688 | | | |
| 2.50 | 1000 | 1000 | 934 | 930 | 1000 | 917 | 954 | 941 | 866 | 860 | 822 | 815 | 784 | 777 | 845 | 807 | 804 | 774 | 770 | 794 | 766 | 758 | 744 | | | |
| 3.00 | 1000 | 1000 | 961 | 957 | 1000 | 944 | 999 | 987 | 900 | 895 | 861 | 854 | 827 | 820 | 878 | 845 | 842 | 816 | 812 | 832 | 806 | 797 | 784 | | | |
| 4.00 | 1000 | 1000 | 992 | 989 | 1000 | 976 | 1000 | 1000 | 941 | 937 | 909 | 903 | 880 | 874 | 918 | 891 | 889 | 867 | 863 | 876 | 855 | 844 | 832 | | | |
| 5.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 995 | 1000 | 1000 | 965 | 962 | 938 | 933 | 913 | 907 | 943 | 920 | 917 | 898 | 895 | 903 | 885 | 873 | 861 | | | |
| 10.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 997 | 985 | 980 | 967 | 964 | 961 | 950 | 934 | 923 | | | |
| 20.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 993 | 987 | 969 | 958 | | | |

LM53 SHR C0-C180: 7.875 SHR C90-C270: 7.875 SHR Superficial: 2.160



Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

Código CL116A20F067G

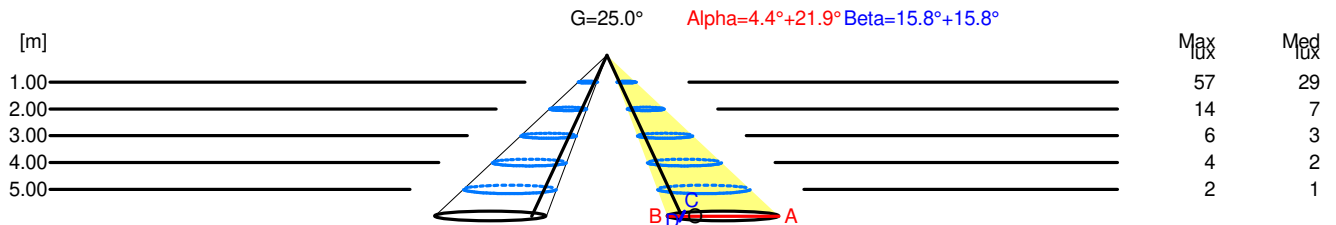
Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Apertura a 50.00 % de Max Intensidad

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 0.60 | 1.21 | 1.81 | 2.41 | 3.02 | OC | 0.31 | 0.63 | 0.94 | 1.25 | 1.57 |
| OB | 0.09 | 0.18 | 0.27 | 0.36 | 0.45 | OD | 0.31 | 0.63 | 0.94 | 1.25 | 1.57 |

| | | | | | | | | | | |
|----|----------------------------------|------|------|-------|-------|-------|-------|-------|------|------|
| | Intensidades Luminosas [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 0.18 | 0.22 | 0.27 | 75.62 | 57.83 | 41.02 | 27.51 | 16.01 | 6.87 | 0.96 |
| OB | 0.18 | 0.22 | 0.27 | 75.62 | 57.83 | 41.02 | 27.51 | 16.01 | 6.87 | 0.96 |
| OC | 0.18 | 0.21 | 0.29 | 76.90 | 61.00 | 43.34 | 27.15 | 15.16 | 7.19 | 0.99 |
| OD | 0.18 | 0.21 | 0.29 | 76.90 | 61.00 | 43.34 | 27.15 | 15.16 | 7.19 | 0.99 |



| | | | | | | |
|------|------|---------|---------|------------------|--------|--|
| H[m] | D[m] | Max lux | Med lux | Alpha=4.4°+21.9° | G=25.0 | |
| 1.00 | 0.69 | 57 | 29 | | | |
| 2.00 | 1.39 | 14 | 7 | | | |
| 3.00 | 2.08 | 6 | 3 | | | |
| 4.00 | 2.77 | 4 | 2 | | | |
| 5.00 | 3.47 | 2 | 1 | | | |

| | | | | | | |
|------|------|---------|---------|------------------|-------|--|
| H[m] | D[m] | Max lux | Med lux | Beta=15.8°+15.8° | G=0.0 | |
| 1.00 | 0.63 | 57 | 29 | | | |
| 2.00 | 1.25 | 14 | 7 | | | |
| 3.00 | 1.88 | 6 | 3 | | | |
| 4.00 | 2.51 | 4 | 2 | | | |
| 5.00 | 3.13 | 2 | 1 | | | |



Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

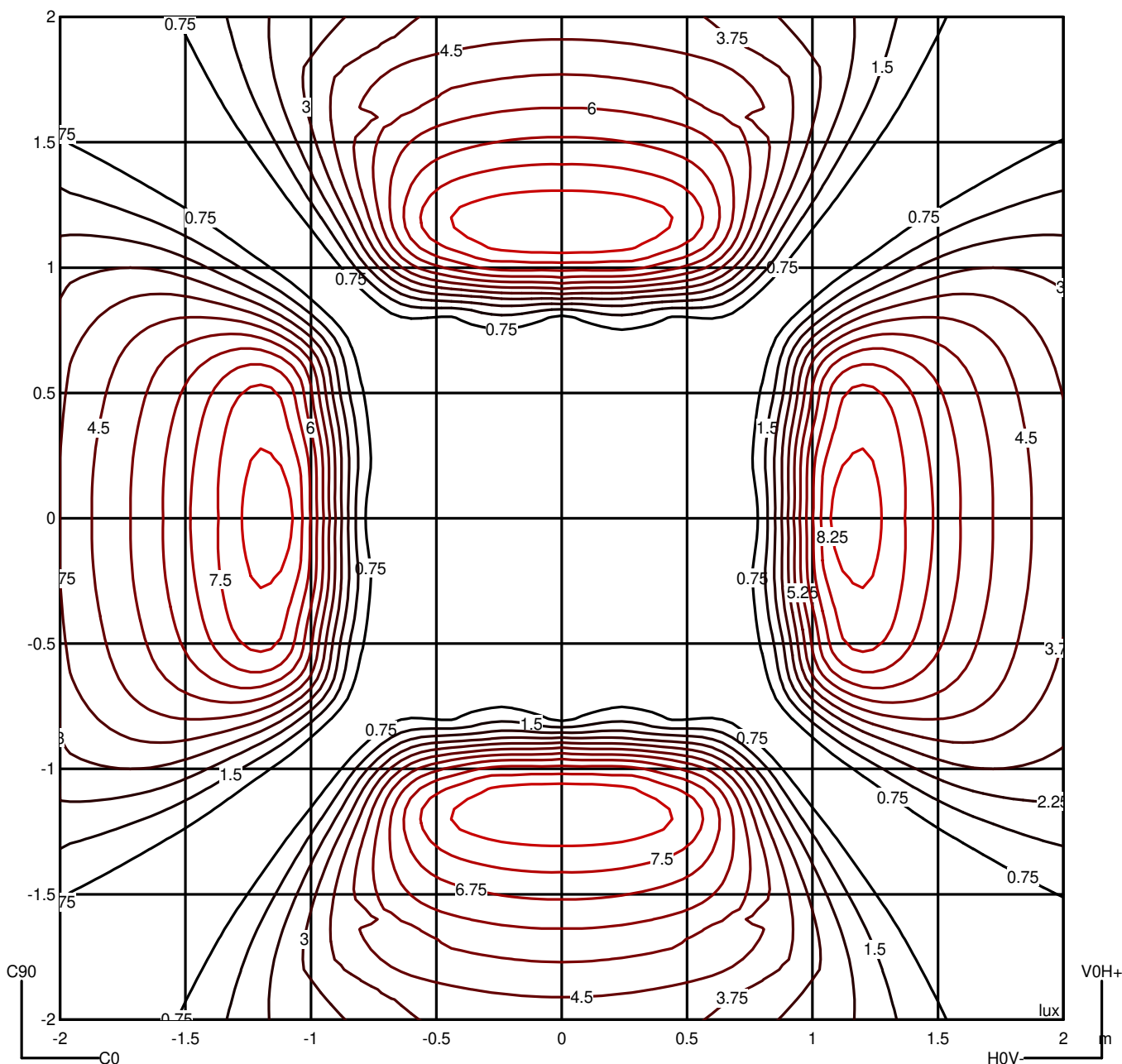
Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m





Luminaria

Código PX-0162-CEM

Nombre BOX

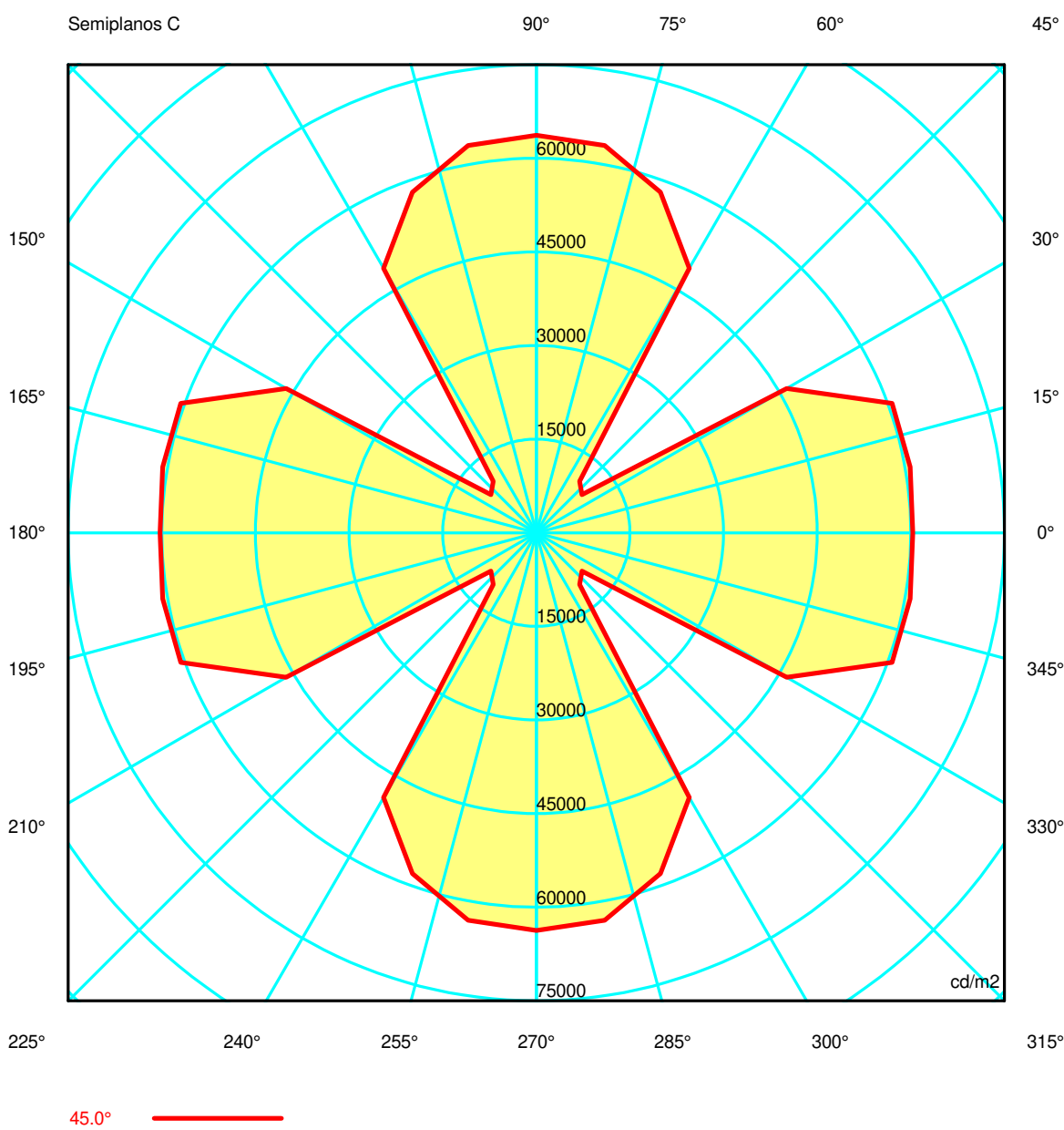
Ensayo

Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Luminancia





Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Luminance cd/m2 Tabla 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 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 |
| G 5.0 | 231.51 | 231.00 | 224.76 | 214.71 | 222.58 | 233.40 | 238.04 | 239.62 | 231.78 | 214.65 | 231.78 | 239.62 | 238.04 |
| G 10.0 | 281.02 | 281.02 | 291.70 | 322.85 | 346.55 | 341.59 | 319.48 | 311.52 | 301.66 | 281.02 | 301.66 | 311.52 | 319.48 |
| G 15.0 | 294.47 | 371.10 | 418.69 | 448.37 | 490.85 | 498.92 | 473.77 | 460.62 | 410.27 | 310.39 | 410.27 | 460.62 | 473.77 |
| G 20.0 | 33546.69 | 29178.85 | 18999.06 | 6602.42 | 1513.48 | 126.69 | 3902.54 | 18182.53 | 30551.84 | 35954.90 | 30551.84 | 18182.53 | 3902.54 |
| G 25.0 | 86719.29 | 80708.64 | 72128.39 | 49615.63 | 9439.85 | 9964.68 | 51774.87 | 76746.91 | 85293.14 | 88191.68 | 85293.14 | 76746.91 | 51774.87 |
| G 30.0 | 80861.26 | 81227.15 | 81188.05 | 62261.73 | 12459.90 | 12717.22 | 63299.14 | 83503.15 | 84396.33 | 84195.49 | 84396.33 | 83503.15 | 63299.14 |
| G 35.0 | 73378.06 | 73939.07 | 73537.59 | 55838.56 | 11072.94 | 12390.10 | 59021.06 | 71280.28 | 77329.82 | 77405.48 | 77329.82 | 71280.28 | 59021.06 |
| G 40.0 | 67482.98 | 67633.01 | 66879.63 | 50528.49 | 10009.61 | 11983.81 | 54913.09 | 65158.70 | 69942.47 | 69985.89 | 69942.47 | 65158.70 | 54913.09 |
| G 45.0 | 60299.87 | 60822.63 | 60657.83 | 46292.69 | 9537.67 | 10779.56 | 48970.36 | 58109.53 | 63019.53 | 63700.38 | 63019.53 | 58109.53 | 48970.36 |
| G 50.0 | 54288.72 | 54893.96 | 54836.69 | 41925.53 | 8833.44 | 10165.95 | 44726.02 | 52438.70 | 55943.29 | 56177.35 | 55943.29 | 52438.70 | 44726.02 |
| G 55.0 | 49857.38 | 50100.11 | 49911.35 | 38247.53 | 8346.98 | 9701.57 | 40900.19 | 47054.53 | 49465.09 | 49201.14 | 49465.09 | 47054.53 | 40900.19 |
| G 60.0 | 42914.15 | 44471.56 | 45024.81 | 34732.59 | 8050.17 | 9039.84 | 36385.67 | 41527.04 | 44228.45 | 44489.92 | 44228.45 | 41527.04 | 36385.67 |
| G 65.0 | 39383.46 | 40325.01 | 40411.98 | 31125.27 | 7714.89 | 8618.76 | 32804.62 | 40621.61 | 38929.12 | 37278.48 | 38929.12 | 40621.61 | 32804.62 |
| G 70.0 | 35248.99 | 35869.61 | 36484.22 | 28956.51 | 7874.20 | 8818.17 | 30598.26 | 33598.07 | 34137.66 | 33413.76 | 34137.66 | 33598.07 | 30598.26 |
| G 75.0 | 27603.59 | 30221.09 | 31899.27 | 25852.36 | 8275.07 | 8710.04 | 26292.25 | 28601.94 | 29071.47 | 28888.01 | 29071.47 | 28601.94 | 26292.25 |
| G 80.0 | 22005.10 | 24520.48 | 27200.86 | 23806.69 | 9652.86 | 10134.55 | 24623.93 | 26936.90 | 22798.58 | 19076.39 | 22798.58 | 26936.90 | 24623.93 |
| G 85.0 | 11405.56 | 17696.10 | 24380.90 | 25383.34 | 15268.32 | 15499.88 | 25464.82 | 23193.88 | 16397.84 | 11766.52 | 16397.84 | 23193.88 | 25464.82 |
| G 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |



Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Luminance cd/m2 Tabla 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 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 |
| G 5.0 | 233.40 | 222.58 | 214.71 | 224.76 | 231.00 | 231.51 | 231.00 | 224.76 | 214.71 | 222.58 | 233.40 | 238.04 | 239.62 |
| G 10.0 | 341.59 | 346.55 | 322.85 | 291.70 | 281.02 | 281.02 | 281.02 | 291.70 | 322.85 | 346.55 | 341.59 | 319.48 | 311.52 |
| G 15.0 | 498.92 | 490.85 | 448.37 | 418.69 | 371.10 | 294.47 | 371.10 | 418.69 | 448.37 | 490.85 | 498.92 | 473.77 | 460.62 |
| G 20.0 | 126.69 | 1513.48 | 6602.42 | 18999.06 | 29178.85 | 33546.69 | 29178.85 | 18999.06 | 6602.42 | 1513.48 | 126.69 | 3902.54 | 18182.53 |
| G 25.0 | 9964.68 | 9439.85 | 49615.63 | 72128.39 | 80708.64 | 86719.29 | 80708.64 | 72128.39 | 49615.63 | 9439.85 | 9964.68 | 51774.87 | 76746.91 |
| G 30.0 | 12717.22 | 12459.90 | 62261.73 | 81188.05 | 81227.15 | 80861.26 | 81227.15 | 81188.05 | 62261.73 | 12459.90 | 12717.22 | 63299.14 | 83503.15 |
| G 35.0 | 12390.10 | 11072.94 | 55838.56 | 73537.59 | 73939.07 | 73378.06 | 73939.07 | 73537.59 | 55838.56 | 11072.94 | 12390.10 | 59021.06 | 71280.28 |
| G 40.0 | 11983.81 | 10009.61 | 50528.49 | 66879.63 | 67633.01 | 67482.98 | 67633.01 | 66879.63 | 50528.49 | 10009.61 | 11983.81 | 54913.09 | 65158.70 |
| G 45.0 | 10779.56 | 9537.67 | 46292.69 | 60657.83 | 60822.63 | 60299.87 | 60822.63 | 60657.83 | 46292.69 | 9537.67 | 10779.56 | 48970.36 | 58109.53 |
| G 50.0 | 10165.95 | 8833.44 | 41925.53 | 54836.69 | 54893.96 | 54288.72 | 54893.96 | 54836.69 | 41925.53 | 8833.44 | 10165.95 | 44726.02 | 52438.70 |
| G 55.0 | 9701.57 | 8346.98 | 38247.53 | 49911.35 | 50100.11 | 49857.38 | 50100.11 | 49911.35 | 38247.53 | 8346.98 | 9701.57 | 40900.19 | 47054.53 |
| G 60.0 | 9039.84 | 8050.17 | 34732.59 | 45024.81 | 44471.56 | 42914.15 | 44471.56 | 45024.81 | 34732.59 | 8050.17 | 9039.84 | 36385.67 | 41527.04 |
| G 65.0 | 8618.76 | 7714.89 | 31125.27 | 40411.98 | 40325.01 | 39383.46 | 40325.01 | 40411.98 | 31125.27 | 7714.89 | 8618.76 | 32804.62 | 40621.61 |
| G 70.0 | 8818.17 | 7874.20 | 28956.51 | 36484.22 | 35869.61 | 35248.99 | 35869.61 | 36484.22 | 28956.51 | 7874.20 | 8818.17 | 30598.26 | 33598.07 |
| G 75.0 | 8710.04 | 8275.07 | 25852.36 | 31899.27 | 30221.09 | 27603.59 | 30221.09 | 31899.27 | 25852.36 | 8275.07 | 8710.04 | 26292.25 | 28601.94 |
| G 80.0 | 10134.55 | 9652.86 | 23806.69 | 27200.86 | 24520.48 | 22005.10 | 24520.48 | 27200.86 | 23806.69 | 9652.86 | 10134.55 | 24623.93 | 26936.90 |
| G 85.0 | 15499.88 | 15268.32 | 25383.34 | 24380.90 | 17696.10 | 11405.56 | 17696.10 | 24380.90 | 25383.34 | 15268.32 | 15499.88 | 25464.82 | 23193.88 |
| G 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |



Luminaria

Código PX-0162-CEM

Nombre BOX

Ensayo

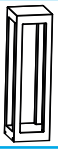
Código CL116A20F067G

Nombre BOX

| | | | | | | | |
|----------------------|-----------|--------------------|---------------|----------|-----------------|------------|-------------|
| Flujo Luminaria | 114.79 lm | Potencia Luminaria | 5.91 W | Eficacia | 19.42 lm/W | Eficiencia | 100.00% |
| Flujo Fuentes de luz | 114.79 lm | Valor Máximo | 669.92 cd/klm | Posición | C=90.00 G=25.00 | CG | Bisimétrico |

Luminance cd/m2 Tabla 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 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 | 191.73 |
| G 5.0 | 231.78 | 214.65 | 231.78 | 239.62 | 238.04 | 233.40 | 222.58 | 214.71 | 224.76 | 231.00 |
| G 10.0 | 301.66 | 281.02 | 301.66 | 311.52 | 319.48 | 341.59 | 346.55 | 322.85 | 291.70 | 281.02 |
| G 15.0 | 410.27 | 310.39 | 410.27 | 460.62 | 473.77 | 498.92 | 490.85 | 448.37 | 418.69 | 371.10 |
| G 20.0 | 30551.84 | 35954.90 | 30551.84 | 18182.53 | 3902.54 | 126.69 | 1513.48 | 6602.42 | 18999.06 | 29178.85 |
| G 25.0 | 85293.14 | 88191.68 | 85293.14 | 76746.91 | 51774.87 | 9964.68 | 9439.85 | 49615.63 | 72128.39 | 80708.64 |
| G 30.0 | 84396.33 | 84195.49 | 84396.33 | 83503.15 | 63299.14 | 12717.22 | 12459.90 | 62261.73 | 81188.05 | 81227.15 |
| G 35.0 | 77329.82 | 77405.48 | 77329.82 | 71280.28 | 59021.06 | 12390.10 | 11072.94 | 55838.56 | 73537.59 | 73939.07 |
| G 40.0 | 69942.47 | 69985.89 | 69942.47 | 65158.70 | 54913.09 | 11983.81 | 10009.61 | 50528.49 | 66879.63 | 67633.01 |
| G 45.0 | 63019.53 | 63700.38 | 63019.53 | 58109.53 | 48970.36 | 10779.56 | 9537.67 | 46292.69 | 60657.83 | 60822.63 |
| G 50.0 | 55943.29 | 56177.35 | 55943.29 | 52438.70 | 44726.02 | 10165.95 | 8833.44 | 41925.53 | 54836.69 | 54893.96 |
| G 55.0 | 49465.09 | 49201.14 | 49465.09 | 47054.53 | 40900.19 | 9701.57 | 8346.98 | 38247.53 | 49911.35 | 50100.11 |
| G 60.0 | 44228.45 | 44489.92 | 44228.45 | 41527.04 | 36385.67 | 9039.84 | 8050.17 | 34732.59 | 45024.81 | 44471.56 |
| G 65.0 | 38929.12 | 37278.48 | 38929.12 | 40621.61 | 32804.62 | 8618.76 | 7714.89 | 31125.27 | 40411.98 | 40325.01 |
| G 70.0 | 34137.66 | 33413.76 | 34137.66 | 33598.07 | 30598.26 | 8818.17 | 7874.20 | 28956.51 | 36484.22 | 35869.61 |
| G 75.0 | 29071.47 | 28888.01 | 29071.47 | 28601.94 | 26292.25 | 8710.04 | 8275.07 | 25852.36 | 31899.27 | 30221.09 |
| G 80.0 | 22798.58 | 19076.39 | 22798.58 | 26936.90 | 24623.93 | 10134.55 | 9652.86 | 23806.69 | 27200.86 | 24520.48 |
| G 85.0 | 16397.84 | 11766.52 | 16397.84 | 23193.88 | 25464.82 | 15499.88 | 15268.32 | 25383.34 | 24380.90 | 17696.10 |
| G 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |



Box

PX-0162

FOR
LIGHT

