## Luminaire

| | |
|---|---|
| Code | 11742238356U |
| Name | YUYUN_S9CI_PUSH |
| Line | |

## Measurem.

| | |
|---|---|
| Code | |
| Name | YUYUN_S9CI_PUSH |

## Source Data

| | | | | | |
|---|---|---|---|---|---|
| Code | JB2835BWT-G-U22EA0000 JB2835BWT-G-U27EA0000 | Correlated Color Temperature (CCT) | 2273K | Q.ty | 1 |
| Name | CREE | Color rendering index (CRI) | 92 | | |
| Line | | | | | |

## Measurement data

| | | | |
|---|---|---|---|
| Coordinate system | CG | Symmetry Type | Asymmetrical |
| Date | 06-10-2025 | Maximum Gamma Angle | 180° |
| Measurement Distance | 6.49m | Measurement Flux | 2099.0 lm |
| Maximum | 173.45 cd/klm | Position | C=0.0° G=37.5° |
| Remarks | RM25092901.1 | | |

## Electrical Parameters

| | | | |
|---|---|---|---|
| Channel 1 | | Channel 2 | |
| Voltage | 0.00 V | Voltage | 0.00 V |
| Current | 0.00 A | Current | 0.00 A |
| Power | 71.00 W | Power | 0.00 W |
| Frequency | 0 Hz | Frequency | 0 Hz |
| Power Factor | 0.00 | Power Factor | 0.00 |

## Environmental Parameters

| | | | |
|---|---|---|---|
| Temperature | 24.3 °C | Air Speed | 0.0 m/s |
| Humidity | 40.6 % | | |

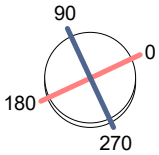
## Luminaire Dimensions

| | | | | | |
|---|---|---|---|---|---|
| Round Luminaire | Diam. | 420 mm | Height | 1380 mm | |
| Round Luminous Area | Diam. | 420 mm | Height | 1380 mm | |
| Horizontal Luminous Area | | 0.138544 m2 | Emitting area on Plane 180° | | 0.579600 m2 |
| Emitting area on Plane 0° | | 0.579600 m2 | Emitting area on Plane 270° | | 0.579600 m2 |
| Emitting area on Plane 90° | | 0.579600 m2 | Glare area at 76° | | 0.595900 m2 |

## Photometric Assessment

| | | | |
|---|---|---|---|
| Luminaire Flux | 2099.0 lm | Source Flux | 2099.0 lm |
| Efficacy | 29.564 lm/W | Efficiency | 100.0 % |
| CIE Flux Codes | 27 60 87 72 100 | D DIN 5040 | B11 |
| F UTE | 0.72 I + 0.28 T | B NBN | BZ 8 / 0.8 / BZ 7 / 1.5 / BZ 6 |

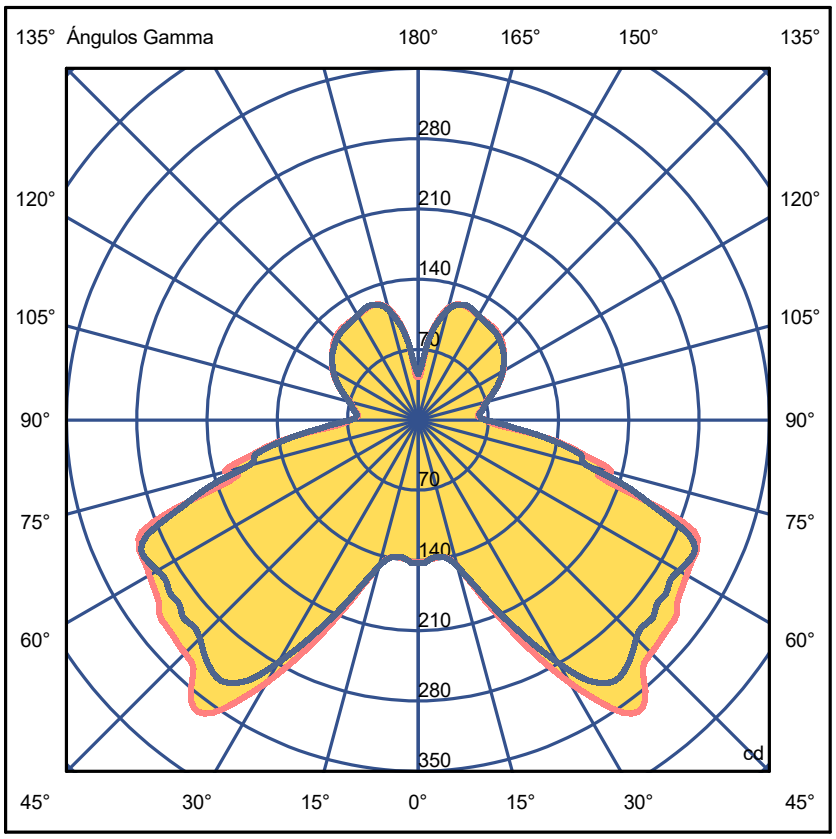
Diam=420mm







ULOR 27.84 %
DLOR 72.16 %
RN 27.84 %



**Luminaire**
Code 11742238356U
Name YUYUN_S9CI_PUSH
**Measurem.**
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| Luminaire Flux | 2099 lm | Luminaire Power | 71.0 W | Efficacy | 29.564 lm/W | Efficiency | 100.00% |
|---|---|---|---|---|---|---|---|
| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

**Luminous Intensity Table cd** **Table 1/2**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 | C 105.00 | C 120.00 | C 135.00 | C 150.00 | C 165.00 | C 180.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G 0.0 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 |
| G 2.5 | 141 | 140 | 140 | 141 | 142 | 142 | 143 | 142 | 142 | 141 | 140 | 140 | 141 |
| G 5.0 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 |
| G 7.5 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 |
| G 10.0 | 138 | 138 | 138 | 138 | 139 | 138 | 138 | 138 | 139 | 138 | 138 | 138 | 138 |
| G 12.5 | 142 | 141 | 141 | 142 | 143 | 143 | 142 | 143 | 143 | 142 | 141 | 141 | 142 |
| G 15.0 | 150 | 149 | 149 | 151 | 152 | 152 | 151 | 152 | 152 | 151 | 149 | 149 | 150 |
| G 17.5 | 166 | 162 | 161 | 165 | 166 | 168 | 165 | 168 | 166 | 165 | 161 | 162 | 166 |
| G 20.0 | 188 | 182 | 180 | 185 | 187 | 188 | 183 | 188 | 187 | 185 | 180 | 182 | 188 |
| G 22.5 | 214 | 207 | 203 | 209 | 211 | 213 | 205 | 213 | 211 | 209 | 203 | 207 | 214 |
| G 25.0 | 242 | 233 | 229 | 234 | 238 | 239 | 228 | 239 | 238 | 234 | 229 | 233 | 242 |
| G 27.5 | 272 | 261 | 256 | 261 | 266 | 266 | 254 | 266 | 266 | 261 | 256 | 261 | 272 |
| G 30.0 | 302 | 289 | 284 | 288 | 295 | 294 | 279 | 294 | 295 | 288 | 284 | 289 | 302 |
| G 32.5 | 331 | 319 | 311 | 315 | 323 | 320 | 305 | 320 | 323 | 315 | 311 | 319 | 331 |
| G 35.0 | 356 | 345 | 333 | 337 | 343 | 338 | 320 | 338 | 343 | 337 | 333 | 345 | 356 |
| G 37.5 | 364 | 355 | 342 | 346 | 353 | 344 | 326 | 344 | 353 | 346 | 342 | 355 | 364 |
| G 40.0 | 352 | 344 | 334 | 343 | 351 | 341 | 322 | 341 | 351 | 343 | 334 | 344 | 352 |
| G 42.5 | 331 | 326 | 320 | 335 | 343 | 334 | 316 | 334 | 343 | 335 | 320 | 326 | 331 |
| G 45.0 | 328 | 318 | 309 | 325 | 330 | 321 | 307 | 321 | 330 | 325 | 309 | 318 | 328 |
| G 47.5 | 326 | 313 | 303 | 322 | 324 | 317 | 304 | 317 | 324 | 322 | 303 | 313 | 326 |
| G 50.0 | 324 | 312 | 306 | 322 | 322 | 319 | 306 | 319 | 322 | 322 | 306 | 312 | 324 |
| G 52.5 | 323 | 314 | 307 | 319 | 315 | 312 | 300 | 312 | 315 | 319 | 307 | 314 | 323 |
| G 55.0 | 316 | 309 | 302 | 319 | 315 | 314 | 301 | 314 | 315 | 319 | 302 | 309 | 316 |
| G 57.5 | 312 | 307 | 300 | 315 | 311 | 312 | 298 | 312 | 311 | 315 | 300 | 307 | 312 |
| G 60.0 | 309 | 308 | 301 | 313 | 311 | 312 | 300 | 312 | 311 | 313 | 301 | 308 | 309 |
| G 62.5 | 307 | 309 | 300 | 313 | 310 | 313 | 304 | 313 | 310 | 313 | 300 | 309 | 307 |
| G 65.0 | 307 | 309 | 299 | 312 | 310 | 310 | 304 | 310 | 310 | 312 | 299 | 309 | 307 |
| G 67.5 | 301 | 299 | 286 | 293 | 291 | 289 | 287 | 289 | 291 | 293 | 286 | 299 | 301 |
| G 70.0 | 257 | 258 | 247 | 252 | 250 | 250 | 248 | 250 | 250 | 252 | 247 | 258 | 257 |
| G 72.5 | 190 | 209 | 207 | 220 | 219 | 222 | 215 | 222 | 219 | 220 | 207 | 209 | 190 |
| G 75.0 | 199 | 185 | 170 | 175 | 176 | 176 | 173 | 176 | 176 | 175 | 170 | 185 | 199 |
| G 77.5 | 176 | 178 | 167 | 169 | 171 | 170 | 167 | 170 | 171 | 169 | 167 | 178 | 176 |
| G 80.0 | 153 | 158 | 149 | 151 | 152 | 151 | 148 | 151 | 152 | 151 | 149 | 158 | 153 |
| G 82.5 | 124 | 129 | 124 | 126 | 126 | 126 | 124 | 126 | 126 | 126 | 124 | 129 | 124 |
| G 85.0 | 92 | 97 | 97 | 99 | 99 | 103 | 99 | 103 | 99 | 99 | 97 | 97 | 92 |
| G 87.5 | 73 | 79 | 80 | 80 | 79 | 83 | 81 | 83 | 79 | 80 | 80 | 79 | 73 |
| G 90.0 | 67 | 71 | 69 | 67 | 66 | 68 | 67 | 68 | 66 | 67 | 69 | 71 | 67 |
| G 92.5 | 61 | 65 | 64 | 63 | 62 | 64 | 62 | 64 | 62 | 63 | 64 | 65 | 61 |
| G 95.0 | 60 | 64 | 62 | 62 | 61 | 62 | 61 | 62 | 61 | 62 | 62 | 64 | 60 |
| G 97.5 | 62 | 66 | 64 | 65 | 63 | 63 | 63 | 63 | 63 | 65 | 64 | 66 | 62 |
| G100.0 | 65 | 68 | 66 | 67 | 65 | 66 | 66 | 66 | 65 | 67 | 66 | 68 | 65 |
| G102.5 | 67 | 69 | 68 | 69 | 67 | 67 | 68 | 67 | 67 | 69 | 68 | 69 | 67 |
| G105.0 | 70 | 72 | 71 | 72 | 70 | 70 | 71 | 70 | 70 | 72 | 71 | 72 | 70 |
| G107.5 | 75 | 76 | 75 | 75 | 75 | 74 | 75 | 74 | 75 | 75 | 75 | 76 | 75 |
| G110.0 | 80 | 81 | 80 | 80 | 80 | 79 | 80 | 79 | 80 | 80 | 80 | 81 | 80 |
| G112.5 | 85 | 86 | 85 | 85 | 84 | 84 | 85 | 84 | 84 | 85 | 85 | 86 | 85 |
| G115.0 | 90 | 90 | 90 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 90 | 90 | 90 |
| G117.5 | 94 | 94 | 94 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 94 | 94 | 94 |
| G120.0 | 98 | 98 | 98 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 98 | 98 | 98 |
| G122.5 | 102 | 102 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 102 | 102 |
| G125.0 | 105 | 105 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 105 | 105 |
| G127.5 | 108 | 108 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 108 | 108 |
| G130.0 | 111 | 111 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 111 | 111 |
| G132.5 | 114 | 113 | 113 | 112 | 112 | 112 | 112 | 112 | 112 | 112 | 113 | 113 | 114 |
| G135.0 | 116 | 116 | 115 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 115 | 116 | 116 |
| G137.5 | 118 | 117 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 117 | 118 |
| G140.0 | 118 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 118 |
| G142.5 | 119 | 118 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 118 | 119 |
| G145.0 | 119 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 119 |
| G147.5 | 119 | 118 | 118 | 118 | 118 | 119 | 119 | 119 | 118 | 118 | 118 | 118 | 119 |
| G150.0 | 120 | 119 | 119 | 119 | 119 | 120 | 120 | 120 | 119 | 119 | 119 | 119 | 120 |
| G152.5 | 121 | 120 | 120 | 120 | 121 | 122 | 122 | 122 | 121 | 120 | 120 | 120 | 121 |
| G155.0 | 122 | 121 | 120 | 121 | 122 | 123 | 123 | 123 | 122 | 121 | 120 | 121 | 122 |
| G157.5 | 123 | 121 | 120 | 121 | 122 | 123 | 124 | 123 | 122 | 121 | 120 | 121 | 123 |
| G160.0 | 122 | 120 | 118 | 119 | 121 | 122 | 122 | 122 | 121 | 119 | 118 | 120 | 122 |
| G162.5 | 120 | 117 | 115 | 115 | 117 | 118 | 119 | 118 | 117 | 115 | 115 | 117 | 120 |
| G165.0 | 115 | 112 | 109 | 109 | 111 | 112 | 113 | 112 | 111 | 109 | 109 | 112 | 115 |
| G167.5 | 106 | 103 | 101 | 100 | 102 | 103 | 104 | 103 | 102 | 100 | 101 | 103 | 106 |
| G170.0 | 95 | 92 | 91 | 89 | 91 | 92 | 94 | 92 | 91 | 89 | 91 | 92 | 95 |
| G172.5 | 80 | 77 | 76 | 76 | 78 | 80 | 79 | 80 | 78 | 76 | 76 | 77 | 80 |
| G175.0 | 59 | 58 | 58 | 59 | 61 | 61 | 61 | 61 | 61 | 59 | 58 | 58 | 59 |
| G177.5 | 44 | 44 | 45 | 48 | 50 | 51 | 51 | 51 | 50 | 48 | 45 | 44 | 44 |
| G180.0 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |

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|---|---|---|---|---|---|---|---|
| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

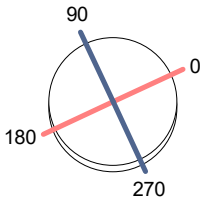
**Luminous Intensity Table cd** **Table 2/2**

| | C 195.00 | C 210.00 | C 225.00 | C 240.00 | C 255.00 | C 270.00 | C 285.00 | C 300.00 | C 315.00 | C 330.00 | C 345.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| G 0.0 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 | 142 |
| G 2.5 | 140 | 140 | 141 | 142 | 142 | 143 | 142 | 142 | 141 | 140 | 140 |
| G 5.0 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 |
| G 7.5 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 |
| G 10.0 | 138 | 138 | 138 | 139 | 138 | 138 | 138 | 139 | 138 | 138 | 138 |
| G 12.5 | 141 | 141 | 142 | 143 | 143 | 142 | 143 | 143 | 142 | 141 | 141 |
| G 15.0 | 149 | 149 | 151 | 152 | 152 | 151 | 152 | 152 | 151 | 149 | 149 |
| G 17.5 | 162 | 161 | 165 | 166 | 168 | 165 | 168 | 166 | 165 | 161 | 162 |
| G 20.0 | 182 | 180 | 185 | 187 | 188 | 183 | 188 | 187 | 185 | 180 | 182 |
| G 22.5 | 207 | 203 | 209 | 211 | 213 | 205 | 213 | 211 | 209 | 203 | 207 |
| G 25.0 | 233 | 229 | 234 | 238 | 239 | 228 | 239 | 238 | 234 | 229 | 233 |
| G 27.5 | 261 | 256 | 261 | 266 | 266 | 254 | 266 | 266 | 261 | 256 | 261 |
| G 30.0 | 289 | 284 | 288 | 295 | 294 | 279 | 294 | 295 | 288 | 284 | 289 |
| G 32.5 | 319 | 311 | 315 | 323 | 320 | 305 | 320 | 323 | 315 | 311 | 319 |
| G 35.0 | 345 | 333 | 337 | 343 | 338 | 320 | 338 | 343 | 337 | 333 | 345 |
| G 37.5 | 355 | 342 | 346 | 353 | 344 | 326 | 344 | 353 | 346 | 342 | 355 |
| G 40.0 | 344 | 334 | 343 | 351 | 341 | 322 | 341 | 351 | 343 | 334 | 344 |
| G 42.5 | 326 | 320 | 335 | 343 | 334 | 316 | 334 | 343 | 335 | 320 | 326 |
| G 45.0 | 318 | 309 | 325 | 330 | 321 | 307 | 321 | 330 | 325 | 309 | 318 |
| G 47.5 | 313 | 303 | 322 | 324 | 317 | 304 | 317 | 324 | 322 | 303 | 313 |
| G 50.0 | 312 | 306 | 322 | 322 | 319 | 306 | 319 | 322 | 322 | 306 | 312 |
| G 52.5 | 314 | 307 | 319 | 315 | 312 | 300 | 312 | 315 | 319 | 307 | 314 |
| G 55.0 | 309 | 302 | 319 | 315 | 314 | 301 | 314 | 315 | 319 | 302 | 309 |
| G 57.5 | 307 | 300 | 315 | 311 | 312 | 298 | 312 | 311 | 315 | 300 | 307 |
| G 60.0 | 308 | 301 | 313 | 311 | 312 | 300 | 312 | 311 | 313 | 301 | 308 |
| G 62.5 | 309 | 300 | 313 | 310 | 313 | 304 | 313 | 310 | 313 | 300 | 309 |
| G 65.0 | 309 | 299 | 312 | 310 | 310 | 304 | 310 | 310 | 312 | 299 | 309 |
| G 67.5 | 299 | 286 | 293 | 291 | 289 | 287 | 289 | 291 | 293 | 286 | 299 |
| G 70.0 | 258 | 247 | 252 | 250 | 250 | 248 | 250 | 250 | 252 | 247 | 258 |
| G 72.5 | 209 | 207 | 220 | 219 | 222 | 215 | 222 | 219 | 220 | 207 | 209 |
| G 75.0 | 185 | 170 | 175 | 176 | 176 | 173 | 176 | 176 | 175 | 170 | 185 |
| G 77.5 | 178 | 167 | 169 | 171 | 170 | 167 | 170 | 171 | 169 | 167 | 178 |
| G 80.0 | 158 | 149 | 151 | 152 | 151 | 148 | 151 | 152 | 151 | 149 | 158 |
| G 82.5 | 129 | 124 | 126 | 126 | 126 | 124 | 126 | 126 | 126 | 124 | 129 |
| G 85.0 | 97 | 97 | 99 | 99 | 103 | 99 | 103 | 99 | 99 | 97 | 97 |
| G 87.5 | 79 | 80 | 80 | 79 | 83 | 81 | 83 | 79 | 80 | 80 | 79 |
| G 90.0 | 71 | 69 | 67 | 66 | 68 | 67 | 68 | 66 | 67 | 69 | 71 |
| G 92.5 | 65 | 64 | 63 | 62 | 64 | 62 | 64 | 62 | 63 | 64 | 65 |
| G 95.0 | 64 | 62 | 62 | 61 | 62 | 61 | 62 | 61 | 62 | 62 | 64 |
| G 97.5 | 66 | 64 | 65 | 63 | 63 | 63 | 63 | 63 | 65 | 64 | 66 |
| G100.0 | 68 | 66 | 67 | 65 | 66 | 66 | 66 | 65 | 67 | 66 | 68 |
| G102.5 | 69 | 68 | 69 | 67 | 67 | 68 | 67 | 67 | 69 | 68 | 69 |
| G105.0 | 72 | 71 | 72 | 70 | 70 | 71 | 70 | 70 | 72 | 71 | 72 |
| G107.5 | 76 | 75 | 75 | 75 | 74 | 75 | 74 | 75 | 75 | 75 | 76 |
| G110.0 | 81 | 80 | 80 | 80 | 79 | 80 | 79 | 80 | 80 | 80 | 81 |
| G112.5 | 86 | 85 | 85 | 84 | 84 | 85 | 84 | 84 | 85 | 85 | 86 |
| G115.0 | 90 | 90 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 90 | 90 |
| G117.5 | 94 | 94 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 94 | 94 |
| G120.0 | 98 | 98 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 98 | 98 |
| G122.5 | 102 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 102 |
| G125.0 | 105 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 105 |
| G127.5 | 108 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 108 |
| G130.0 | 111 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 111 |
| G132.5 | 113 | 113 | 112 | 112 | 112 | 112 | 112 | 112 | 112 | 113 | 113 |
| G135.0 | 116 | 115 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 115 | 116 |
| G137.5 | 117 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 116 | 117 |
| G140.0 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 |
| G142.5 | 118 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 117 | 118 |
| G145.0 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 |
| G147.5 | 118 | 118 | 118 | 118 | 119 | 119 | 119 | 118 | 118 | 118 | 118 |
| G150.0 | 119 | 119 | 119 | 119 | 120 | 120 | 120 | 119 | 119 | 119 | 119 |
| G152.5 | 120 | 120 | 120 | 121 | 122 | 122 | 122 | 121 | 120 | 120 | 120 |
| G155.0 | 121 | 120 | 121 | 122 | 123 | 123 | 123 | 122 | 121 | 120 | 121 |
| G157.5 | 121 | 120 | 121 | 122 | 123 | 124 | 123 | 122 | 121 | 120 | 121 |
| G160.0 | 120 | 118 | 119 | 121 | 122 | 122 | 122 | 121 | 119 | 118 | 120 |
| G162.5 | 117 | 115 | 115 | 117 | 118 | 119 | 118 | 117 | 115 | 115 | 117 |
| G165.0 | 112 | 109 | 109 | 111 | 112 | 113 | 112 | 111 | 109 | 109 | 112 |
| G167.5 | 103 | 101 | 100 | 102 | 103 | 104 | 103 | 102 | 100 | 101 | 103 |
| G170.0 | 92 | 91 | 89 | 91 | 92 | 94 | 92 | 91 | 89 | 91 | 92 |
| G172.5 | 77 | 76 | 76 | 78 | 80 | 79 | 80 | 78 | 76 | 76 | 77 |
| G175.0 | 58 | 58 | 59 | 61 | 61 | 61 | 61 | 61 | 59 | 58 | 58 |
| G177.5 | 44 | 45 | 48 | 50 | 51 | 51 | 51 | 50 | 48 | 45 | 44 |
| G180.0 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |

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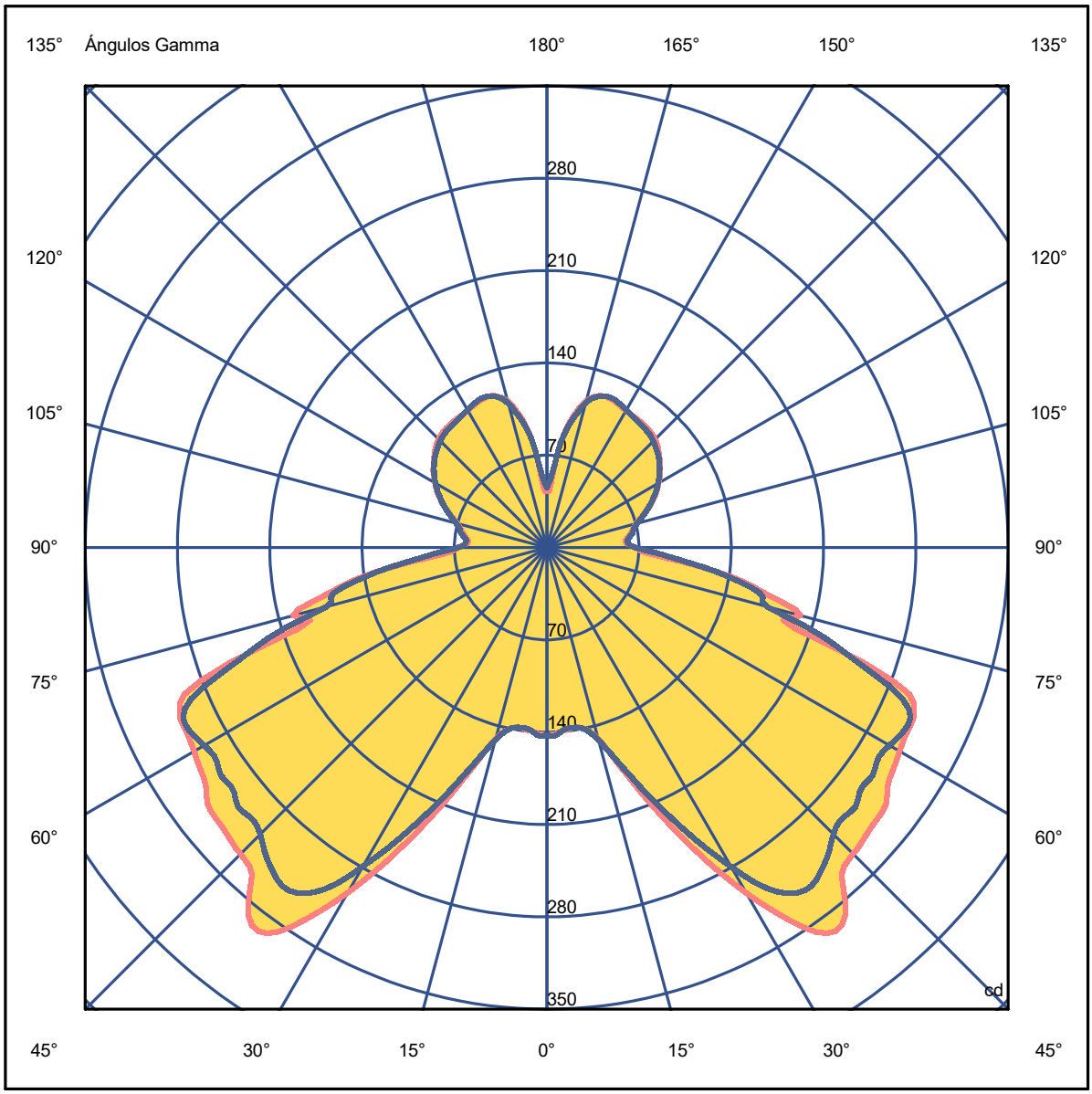
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2099 lm | Luminaire Power | 71.0 W | Efficacy | 29.564 lm/W | Efficiency | 100.00% |
| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

Diam=420mm




Semiplanos C



**Luminaire**
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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2099 lm | Luminaire Power | 71.0 W | Efficacy | 29.564 lm/W | Efficiency | 100.00% |
| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

**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 | 9.5 | 10.7 | 10.2 | 11.4 | 12.2 | 9.6 | 10.7 | 10.2 | 11.4 | 12.2 |
| x=2H y=3H | 11.4 | 12.5 | 12.1 | 13.2 | 14.1 | 11.4 | 12.5 | 12.1 | 13.2 | 14.0 |
| x=2H y=4H | 12.0 | 13.0 | 12.7 | 13.7 | 14.5 | 11.9 | 12.9 | 12.6 | 13.6 | 14.5 |
| x=2H y=6H | 12.4 | 13.4 | 13.2 | 14.1 | 15.0 | 12.4 | 13.3 | 13.1 | 14.0 | 14.9 |
| x=2H y=8H | 12.6 | 13.5 | 13.3 | 14.2 | 15.1 | 12.5 | 13.4 | 13.2 | 14.2 | 15.0 |
| x=2H y=12H | 12.7 | 13.5 | 13.4 | 14.3 | 15.2 | 12.6 | 13.5 | 13.4 | 14.2 | 15.1 |
| x=4H y=2H | 10.2 | 11.2 | 10.9 | 12.0 | 12.8 | 10.3 | 11.3 | 11.0 | 12.0 | 12.9 |
| x=4H y=3H | 12.2 | 13.1 | 13.0 | 13.8 | 14.7 | 12.2 | 13.1 | 13.0 | 13.9 | 14.7 |
| x=4H y=4H | 12.8 | 13.6 | 13.6 | 14.4 | 15.3 | 12.8 | 13.6 | 13.6 | 14.4 | 15.3 |
| x=4H y=6H | 13.5 | 14.1 | 14.2 | 14.9 | 15.9 | 13.4 | 14.1 | 14.2 | 14.9 | 15.8 |
| x=4H y=8H | 13.7 | 14.3 | 14.5 | 15.1 | 16.1 | 13.6 | 14.2 | 14.4 | 15.0 | 16.0 |
| x=4H y=12H | 13.8 | 14.4 | 14.6 | 15.2 | 16.2 | 13.8 | 14.3 | 14.6 | 15.2 | 16.1 |
| x=8H y=4H | 13.1 | 13.7 | 13.8 | 14.5 | 15.4 | 13.1 | 13.7 | 13.8 | 14.5 | 15.4 |
| x=8H y=6H | 13.8 | 14.3 | 14.6 | 15.2 | 16.2 | 13.8 | 14.3 | 14.6 | 15.1 | 16.1 |
| x=8H y=8H | 14.1 | 14.6 | 15.0 | 15.4 | 16.4 | 14.1 | 14.5 | 14.9 | 15.4 | 16.4 |
| x=8H y=12H | 14.4 | 14.8 | 15.2 | 15.6 | 16.6 | 14.3 | 14.7 | 15.2 | 15.6 | 16.6 |
| x=12H y=4H | 13.1 | 13.6 | 13.9 | 14.4 | 15.4 | 13.1 | 13.6 | 13.9 | 14.4 | 15.4 |
| x=12H y=6H | 13.9 | 14.3 | 14.7 | 15.2 | 16.2 | 13.8 | 14.3 | 14.7 | 15.1 | 16.1 |
| x=12H y=8H | 14.2 | 14.6 | 15.1 | 15.5 | 16.5 | 14.2 | 14.6 | 15.0 | 15.4 | 16.5 |

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Name YUYUN_S9CI_PUSH

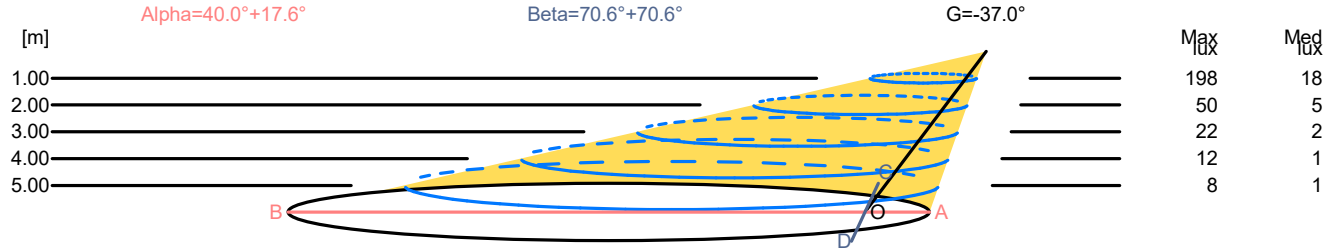
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2099 lm | Luminaire Power | 71.0 W | Efficacy | 29.564 lm/W | Efficiency | 100.00% |
| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

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 | 0.40 | 0.80 | 1.21 | 1.61 | 2.01 | OC | 3.55 | 7.11 | 10.66 | 14.21 | 17.76 |
| OB | 3.58 | 7.17 | 10.75 | 14.34 | 17.92 | OD | 3.55 | 7.11 | 10.66 | 14.21 | 17.76 |

Luminous Intensities [ cd]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 141.91 | 139.38 | 150.06 | 242.22 | 355.75 | 328.22 | 315.64 | 306.73 | 199.05 | 92.08 |
| OB | 141.91 | 139.38 | 150.06 | 242.22 | 355.75 | 328.22 | 315.64 | 306.73 | 199.05 | 92.08 |
| OC | 141.91 | 139.01 | 150.84 | 228.12 | 319.88 | 307.42 | 301.46 | 304.30 | 173.07 | 98.96 |
| OD | 141.91 | 139.01 | 150.84 | 228.12 | 319.88 | 307.42 | 301.46 | 304.30 | 173.07 | 98.96 |



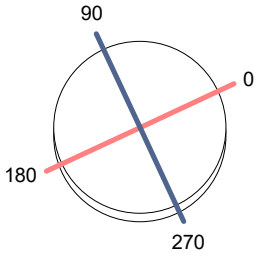

| H[m] | D[m] | Max lux | Med lux | Alpha=40.0°+17.6° G=-37.0 |
|---|---|---|---|---|
| 1.00 | 3.99 | 198 | 18 | |
| 2.00 | 7.97 | 50 | 5 | |
| 3.00 | 11.96 | 22 | 2 | |
| 4.00 | 15.95 | 12 | 1 | |
| 5.00 | 19.93 | 8 | 1 | |

| H[m] | D[m] | Max lux | Med lux | Beta=70.6°+70.6° G=0.0 |
|---|---|---|---|---|
| 1.00 | 7.11 | 198 | 18 | |
| 2.00 | 14.21 | 50 | 5 | |
| 3.00 | 21.32 | 22 | 2 | |
| 4.00 | 28.42 | 12 | 1 | |
| 5.00 | 35.53 | 8 | 1 | |

**Luminaire**
Code 11742238356U
Name YUYUN_S9CI_PUSH
**Measurem.**
Code
Name YUYUN_S9CI_PUSH

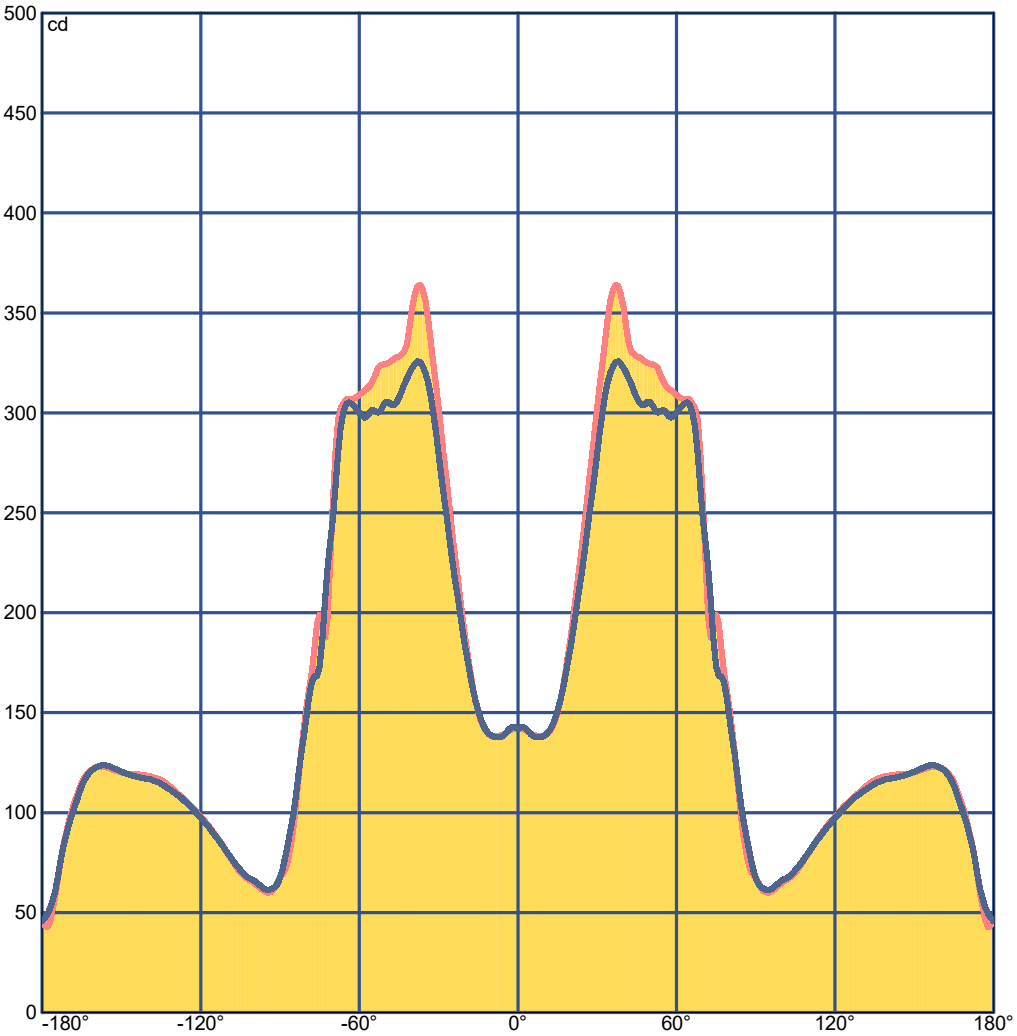
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2099 lm | Luminaire Power | 71.0 W | Efficacy | 29.564 lm/W | Efficiency | 100.00% |
| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

Diam=420mm




Semiplanos C



**Luminaire**
Code 11742238356U
Name YUYUN_S9CI_PUSH
**Measurem.**
Code
Name YUYUN_S9CI_PUSH

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2099 lm | Luminaire Power | 71.0 W | Efficacy | 29.564 lm/W | Efficiency | 100.00% |
| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

Flujo Total=2099.03 Flujo Luminaria=2099.03

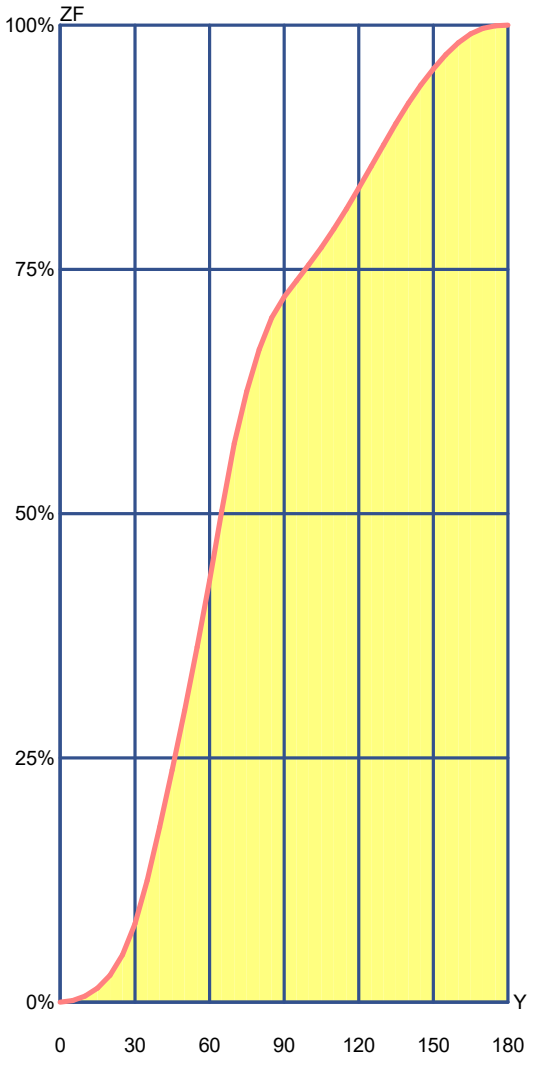
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.16 | 0.24 | 0.31 | 0.38 | 0.44 | 0.53 | 0.60 | 0.65 | 0.72 | 0.77 | 0.87 | 0.93 |
| RC | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 |

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) | 6 | 28 | 80 | 179 | 299 | 432 | 572 | 668 | 722 | 755 | 791 | 833 | 878 | 920 | 955 | 982 | 997 | 1000 |

Códigos de Flujo C.I.E.
27 60 87 72 100

| | | | |
|---|---|---|---|
| C.I.E. | 9/8/8/8/8/8/7/7/7/7/7 | LOR | 100.00000 % |
| D DIN 5040 | B11 | ULOR | 27.83956 % |
| F UTE | 0.72 I + 0.28 T | DLOR | 72.16044 % |
| B NBN | BZ 8 / 0.8 / BZ 7 / 1.5 / BZ 6 | UFF | 27.83956 % |
| RN | 27.83956 % | DFF | 72.16044 % |
| BLF | 1.0 | FFR | 38.58009 % |



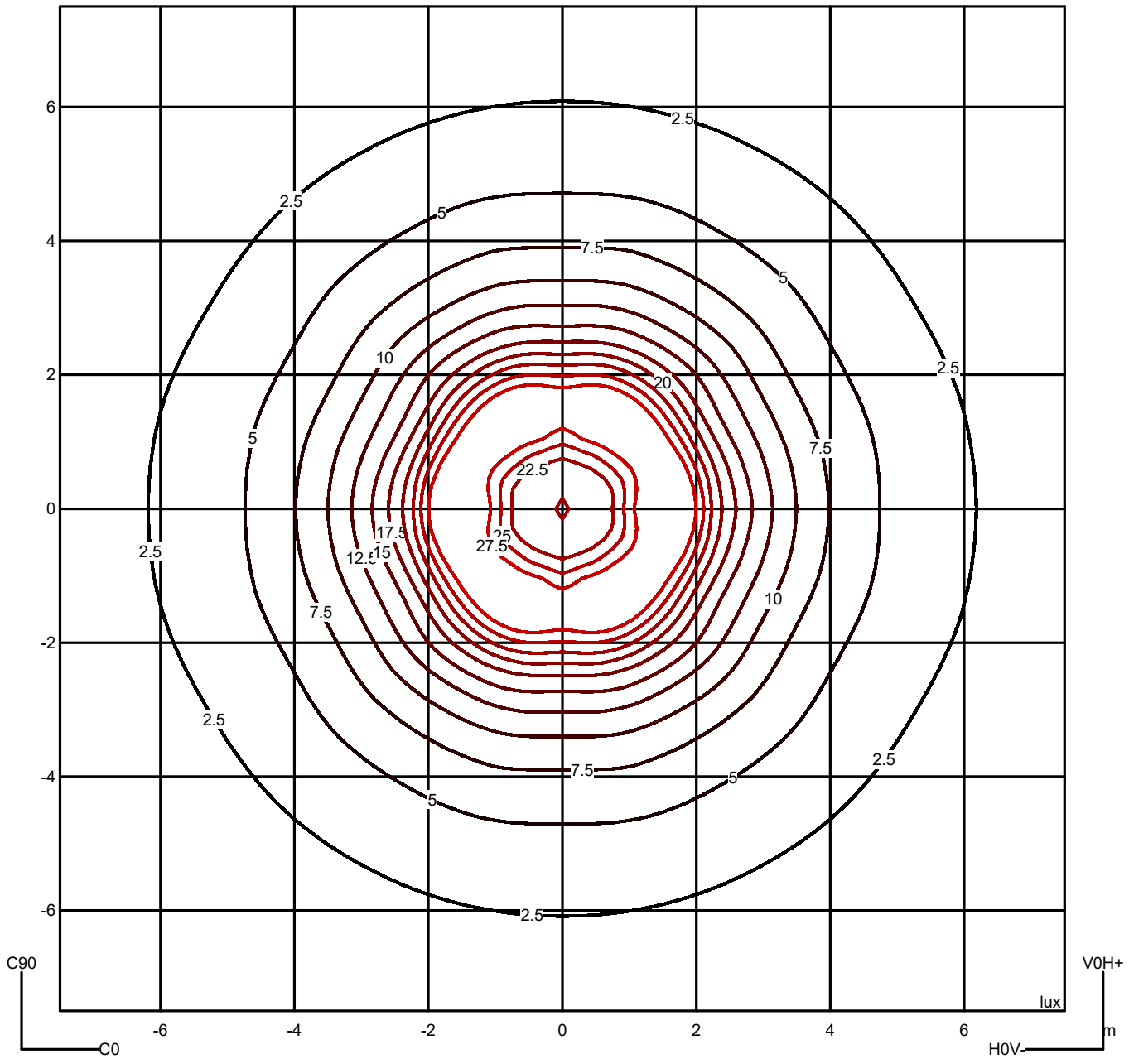

| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 1.60 | 1.60 | 0.16 % | 0.16 % |
| 10° | 4.71 | 6.31 | 0.47 % | 0.63 % |
| 15° | 8.12 | 14.43 | 0.81 % | 1.44 % |
| 20° | 13.10 | 27.53 | 1.31 % | 2.75 % |
| 25° | 20.97 | 48.49 | 2.10 % | 4.85 % |
| 30° | 31.70 | 80.19 | 3.17 % | 8.02 % |
| 35° | 44.42 | 124.61 | 4.44 % | 12.46 % |
| 40° | 54.68 | 179.29 | 5.47 % | 17.93 % |
| 45° | 58.29 | 237.58 | 5.83 % | 23.76 % |
| 50° | 61.00 | 298.58 | 6.10 % | 29.86 % |
| 55° | 64.92 | 363.50 | 6.49 % | 36.35 % |
| 60° | 68.04 | 431.54 | 6.80 % | 43.15 % |
| 65° | 71.37 | 502.91 | 7.14 % | 50.29 % |
| 70° | 68.94 | 571.85 | 6.89 % | 57.19 % |
| 75° | 53.25 | 625.11 | 5.33 % | 62.51 % |
| 80° | 42.79 | 667.90 | 4.28 % | 66.79 % |
| 85° | 32.46 | 700.36 | 3.25 % | 70.04 % |
| 90° | 21.24 | 721.60 | 2.12 % | 72.16 % |
| 95° | 16.72 | 738.33 | 1.67 % | 73.83 % |
| 100° | 16.58 | 754.91 | 1.66 % | 75.49 % |
| 105° | 17.42 | 772.33 | 1.74 % | 77.23 % |
| 110° | 18.77 | 791.10 | 1.88 % | 79.11 % |
| 115° | 20.47 | 811.57 | 2.05 % | 81.16 % |
| 120° | 21.66 | 833.23 | 2.17 % | 83.32 % |
| 125° | 22.25 | 855.48 | 2.22 % | 85.55 % |
| 130° | 22.23 | 877.71 | 2.22 % | 87.77 % |
| 135° | 21.67 | 899.39 | 2.17 % | 89.94 % |
| 140° | 20.46 | 919.85 | 2.05 % | 91.98 % |
| 145° | 18.67 | 938.51 | 1.87 % | 93.85 % |
| 150° | 16.65 | 955.16 | 1.66 % | 95.52 % |
| 155° | 14.53 | 969.69 | 1.45 % | 96.97 % |
| 160° | 12.12 | 981.81 | 1.21 % | 98.18 % |
| 165° | 9.16 | 990.96 | 0.92 % | 99.10 % |
| 170° | 5.79 | 996.75 | 0.58 % | 99.68 % |
| 175° | 2.66 | 999.41 | 0.27 % | 99.94 % |
| 180° | 0.59 | 1000.00 | 0.06 % | 100.00 % |

**Luminaire**
Code 11742238356U
Name YUYUN_S9CI_PUSH
**Measurem.**
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| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

Isolux (Floor)

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



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|---|---|---|---|---|---|---|---|
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| Source Flux | 2099 lm | Maximum value | 364.08 cd | Position | C=0.00 G=37.50 | CG | Asymmetrical |

## Spectral Data

Std.: No import standard

| | | | |
|---|---|---|---|
| CIE1931 | x =0.496130 | y =0.411944 | |
| CIE1960 | u =0.285498 | v =0.355580 | |
| CIE1976 | u'=0.285498 | v'=0.533371 | |
| D(u,v) | 0.00106 | | |

Color rendering index (CRI)
Color Rendering Components

CCT = [2273 K]*

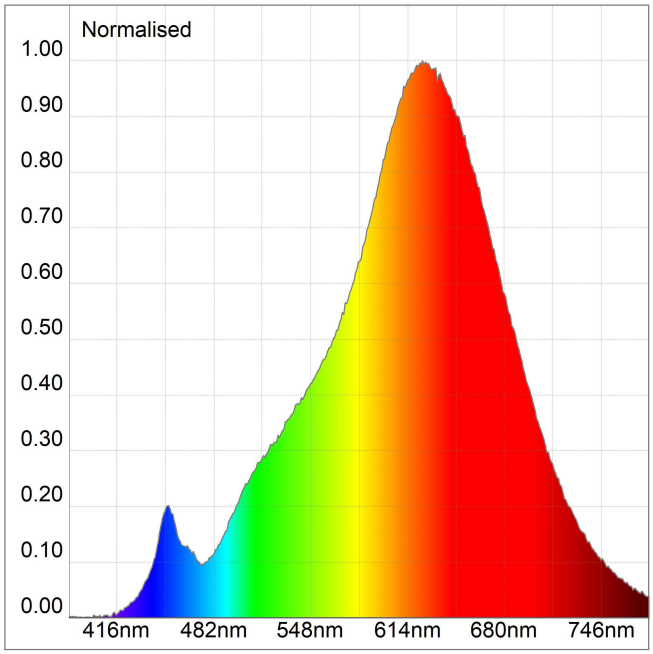
CRI8(Ra) [92.7]* CRI15(Rav) [91.0]*

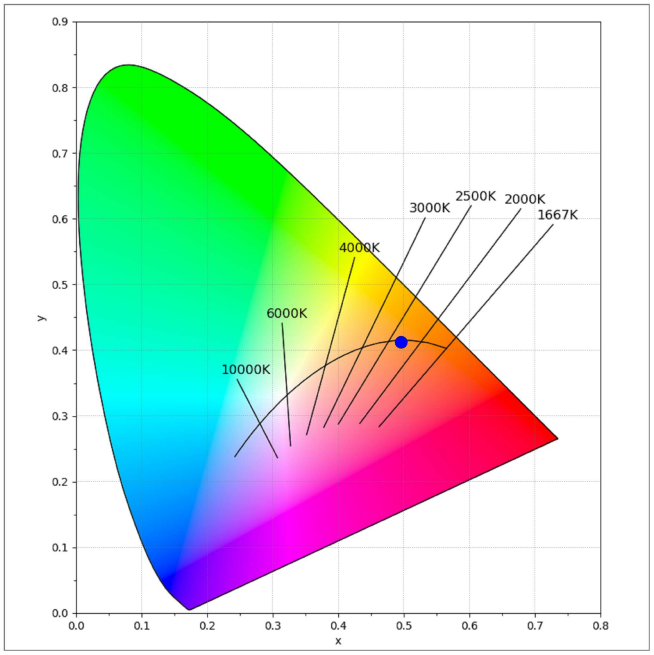
| | | | | |
|---|---|---|---|---|
| R 1: 93.4 | R 2: 97.8 | R 3: 98.2 | R 4: 93.5 | R 5: 94.0 |
| R 6: 97.5 | R 7: 89.2 | R 8: 78.1 | R 9: 56.2 | R10: 94.7 |
| R11: 96.2 | R12: 94.3 | R13: 94.8 | R14: 99.4 | R15: 88.0 |

## Spectral Distribution

| l(nm) | Normalised | l(nm) | Normalised | l(nm) | Normalised |
|---|---|---|---|---|---|
| 383.0 | 0.000520 | 389.0 | 0.000316 | 395.0 | 0.000957 |
| 401.0 | 0.001857 | 407.0 | 0.003817 | 413.0 | 0.007633 |
| 419.0 | 0.012911 | 425.0 | 0.027180 | 431.0 | 0.044054 |
| 437.0 | 0.071801 | 443.0 | 0.124575 | 449.0 | 0.194790 |
| 455.0 | 0.173273 | 461.0 | 0.129105 | 467.0 | 0.114383 |
| 473.0 | 0.094337 | 479.0 | 0.108041 | 485.0 | 0.130238 |
| 491.0 | 0.155153 | 497.0 | 0.197055 | 503.0 | 0.234428 |
| 509.0 | 0.261608 | 515.0 | 0.285391 | 521.0 | 0.311438 |
| 527.0 | 0.323896 | 533.0 | 0.356738 | 539.0 | 0.383918 |
| 545.0 | 0.405436 | 551.0 | 0.430351 | 557.0 | 0.463194 |
| 563.0 | 0.494904 | 569.0 | 0.534541 | 575.0 | 0.583239 |
| 581.0 | 0.638732 | 587.0 | 0.697622 | 593.0 | 0.755379 |
| 599.0 | 0.824462 | 605.0 | 0.885617 | 611.0 | 0.933182 |
| 617.0 | 0.977350 | 623.0 | 0.995470 | 629.0 | 0.995470 |
| 635.0 | 0.963760 | 641.0 | 0.949037 | 647.0 | 0.912797 |
| 653.0 | 0.864100 | 659.0 | 0.810872 | 665.0 | 0.751982 |
| 671.0 | 0.687429 | 677.0 | 0.626274 | 683.0 | 0.558324 |
| 689.0 | 0.501699 | 695.0 | 0.437146 | 701.0 | 0.381653 |
| 707.0 | 0.328426 | 713.0 | 0.279728 | 719.0 | 0.238958 |
| 725.0 | 0.199320 | 731.0 | 0.169875 | 737.0 | 0.141563 |
| 743.0 | 0.117780 | 749.0 | 0.101812 | 755.0 | 0.082559 |
| 761.0 | 0.069649 | 767.0 | 0.056172 | 773.0 | 0.045640 |
| 779.0 | 0.037599 | | | | |

## Spectrum Graph

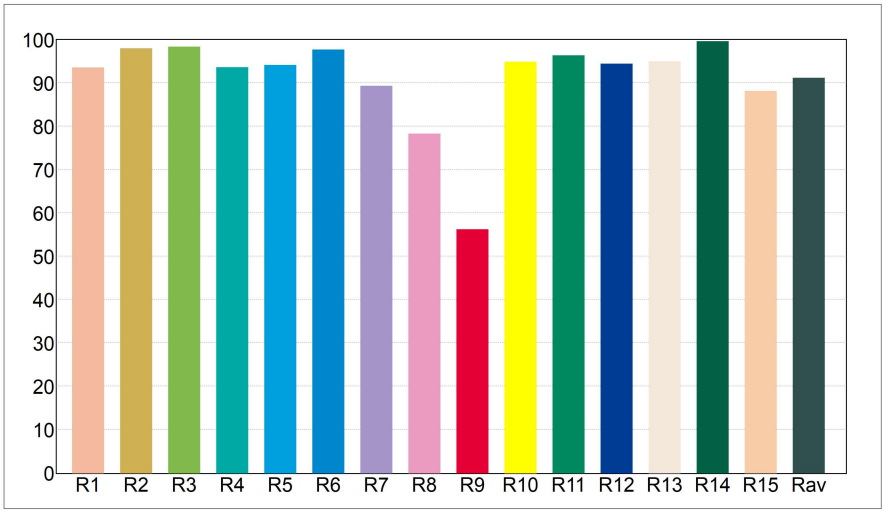


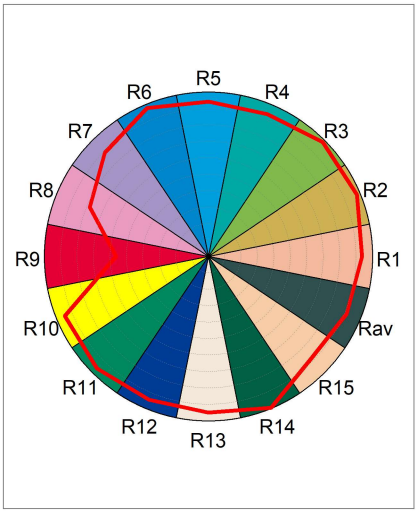



**Luminaire**
Code 11742238356U
Name YUYUN_S9CI_PUSH
**Measurem.**
Code
Name YUYUN_S9CI_PUSH

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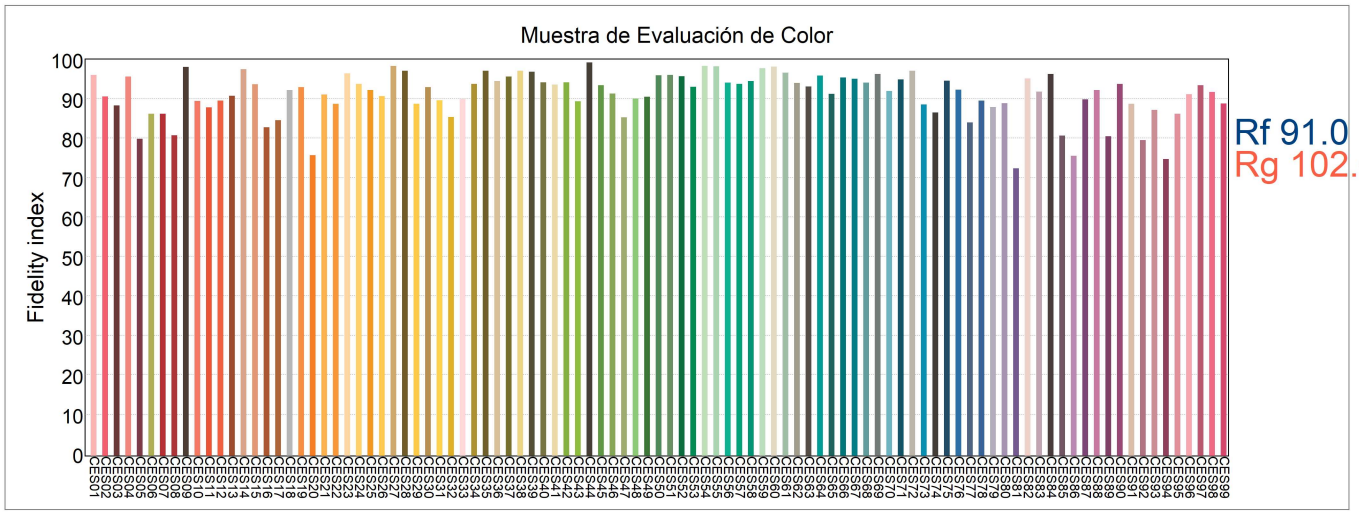
## CRI Graphs



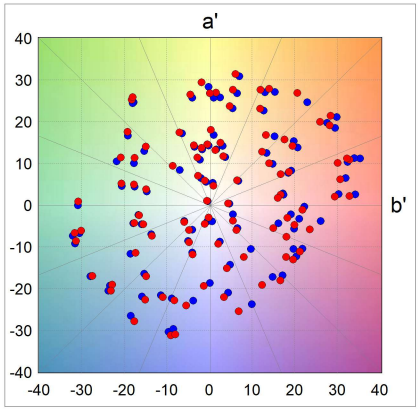



**Luminaire**
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**Measurem.**
Code
Name YUYUN_S9CI_PUSH

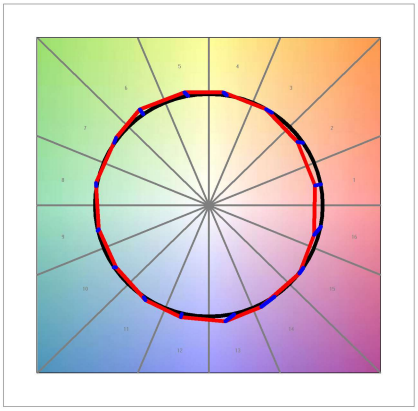
| | | | | | | | |
|---|---|---|---|---|---|---|---|
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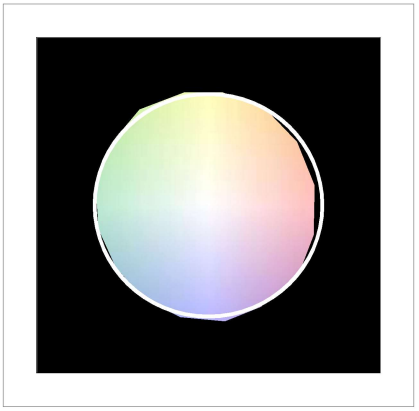

Chromatic Coordinates (a', b') 99 CES



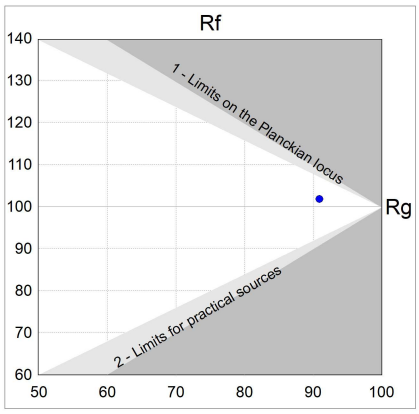

Color Vector Graphic



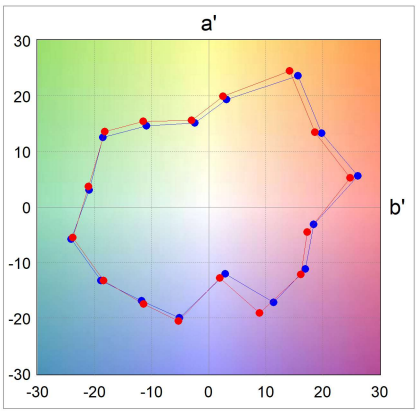
Color Distorsion Graphic



Rg vs Rf Plot




Gamut Polygon




Bin Deviation

