

**Luminaire**

Code AR04NW, 15  
Name XARTE RECESSED

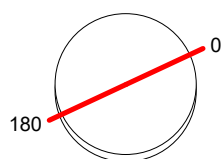
**Measurem.**

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|                            |                     |                     |                             |                 |               |            |                 |
|----------------------------|---------------------|---------------------|-----------------------------|-----------------|---------------|------------|-----------------|
| Luminaire Flux             | 1896.00 lm          | Luminaire Power     | 22.00 W                     | Efficacy        | 86.18 lm/W    | Efficiency | 100.00%         |
| Lamps Flux                 | 1896.00 lm          | Maximum value       | 4319.36 cd/klm              | Position        | C=0.00 G=0.00 | CG         | Rotosymmetrical |
| Round Luminaire            | Diam.               | 110 mm              | Height                      | 46 mm           |               |            |                 |
| Round Luminous Area        | Diam.               | 110 mm              | Height                      | 10 mm           |               |            |                 |
| Horizontal Luminous Area   | 0.009503 m2         |                     | Emitting area on Plane 180° |                 | 0.001100 m2   |            |                 |
| Emitting area on Plane 0°  | 0.001100 m2         |                     | Emitting area on Plane 270° |                 | 0.001100 m2   |            |                 |
| Emitting area on Plane 90° | 0.001100 m2         |                     | Glare area at 76°           |                 | 0.003366 m2   |            |                 |
| Coordinate system          | CG                  | Symmetry Type       |                             | Rotosymmetrical |               |            |                 |
| Date                       | 14-06-2022          | Maximum Gamma Angle |                             | 90              |               |            |                 |
| Measurement Distance       | 0.00                | Measurement Flux    |                             | 1896.00 lm      |               |            |                 |
| Operator                   | 25.00 °C<br>60.00 % |                     | Source Voltage [V]          |                 |               |            |                 |
| Temperature                |                     |                     | Source current [A]          |                 |               |            |                 |
| Humidity                   |                     |                     | Photocell                   |                 |               |            |                 |
| Notes                      |                     |                     |                             |                 |               |            |                 |

| Line   |                  | Code       | Luminaire Lamps |            | Flux [lm] | Pow. [W] | Q.ty |
|--------|------------------|------------|-----------------|------------|-----------|----------|------|
|        |                  | AR04NW, 15 | Name            | XARTE      | 1896.00   | 22.00    | 1    |
| C.I.E. | 89 96 99 100 100 |            |                 | D DIN 5040 | A60       |          |      |
| F UTE  | 1.00 A           |            |                 | B NBN      | BZ 1      |          |      |

Diam=110mm



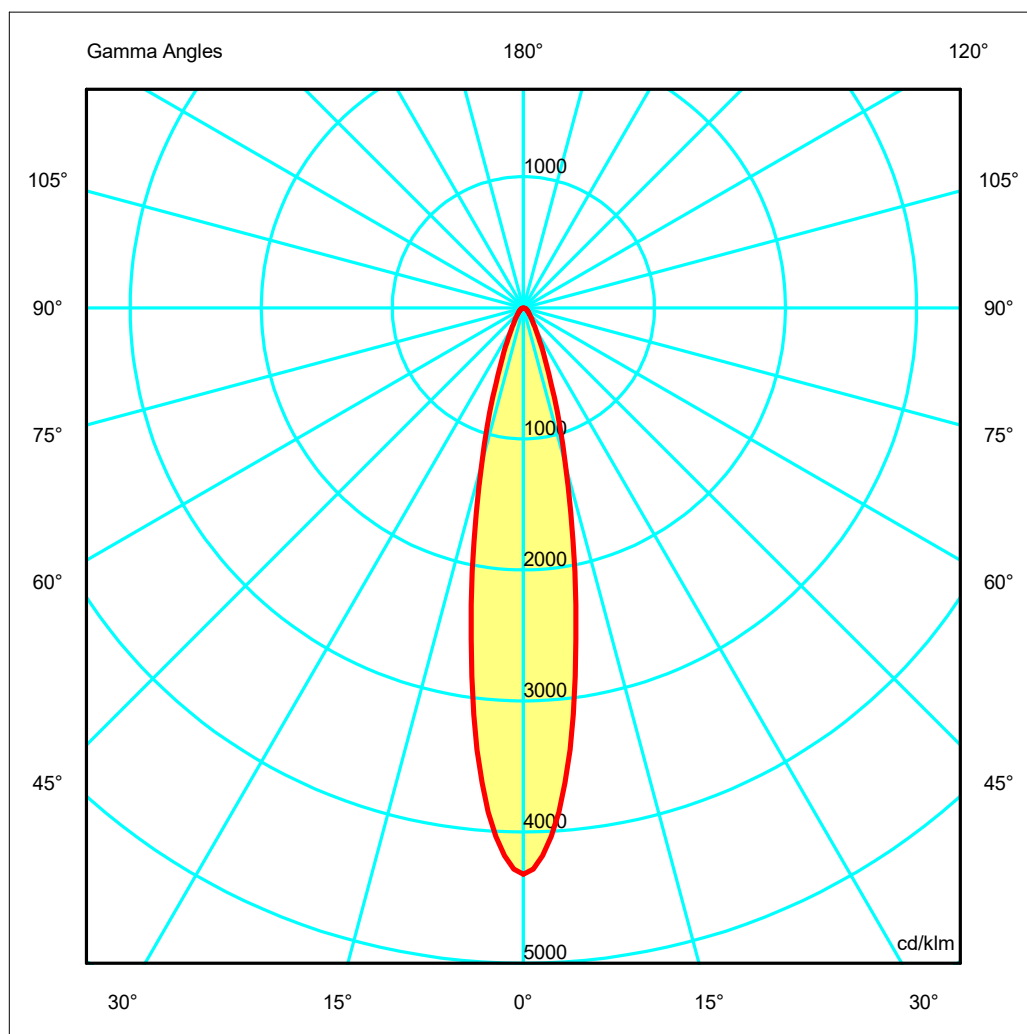
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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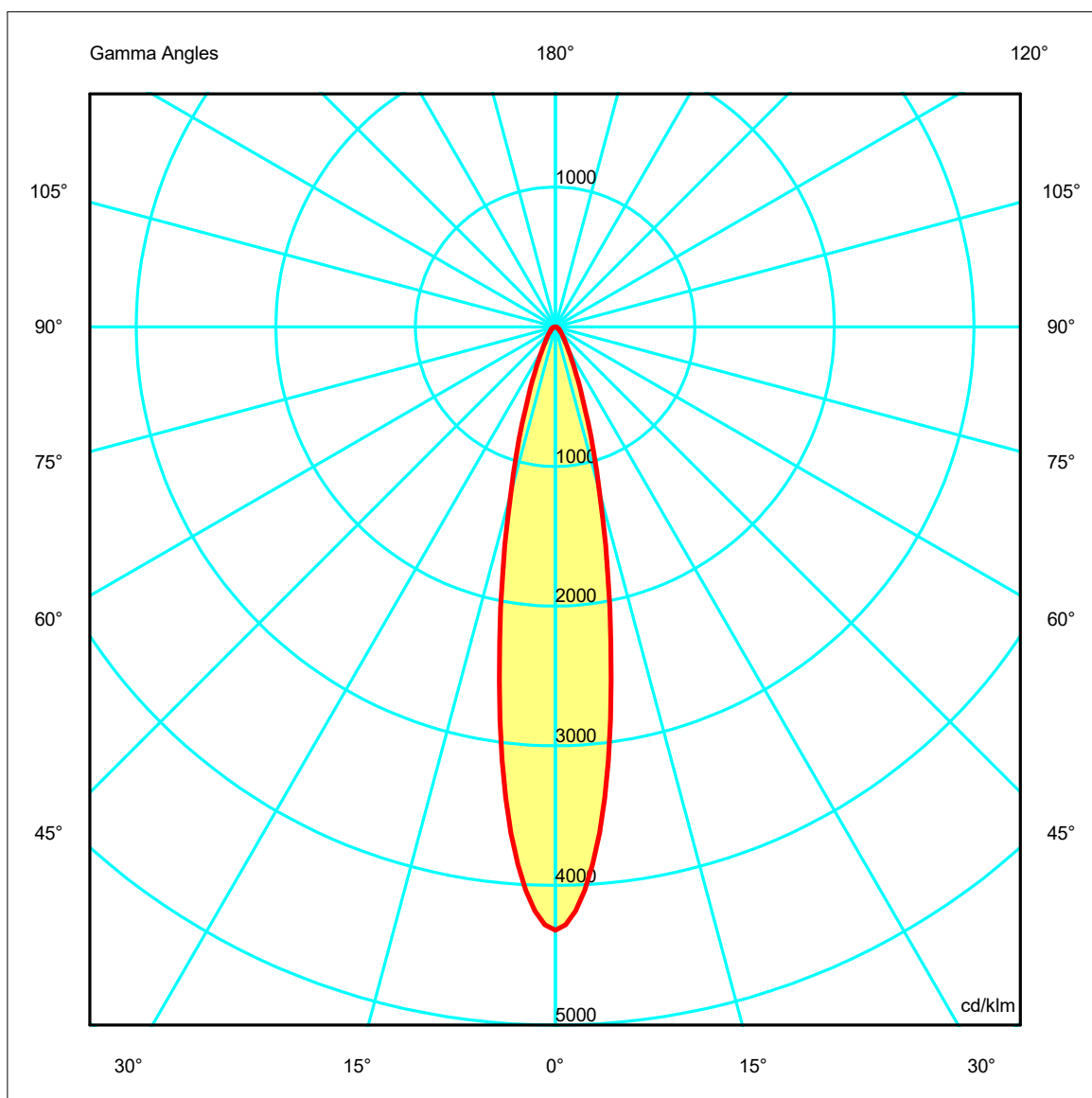
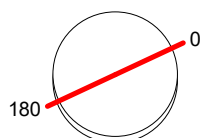
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**UGR**  
S = 0.250

| 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      | 16.3            | 17.0 | 16.5 | 17.2 | 17.4 | 16.3          | 17.0 | 16.5 | 17.2 | 17.4 |
| x=2H y=3H      | 17.3            | 18.0 | 17.6 | 18.2 | 18.5 | 17.3          | 18.0 | 17.6 | 18.2 | 18.5 |
| x=2H y=4H      | 17.6            | 18.3 | 18.0 | 18.6 | 18.8 | 17.6          | 18.3 | 18.0 | 18.6 | 18.8 |
| x=2H y=6H      | 17.8            | 18.4 | 18.2 | 18.7 | 19.0 | 17.8          | 18.4 | 18.2 | 18.7 | 19.0 |
| x=2H y=8H      | 17.8            | 18.4 | 18.2 | 18.7 | 19.0 | 17.8          | 18.4 | 18.2 | 18.7 | 19.0 |
| x=2H y=12H     | 17.8            | 18.4 | 18.2 | 18.7 | 19.0 | 17.8          | 18.4 | 18.2 | 18.7 | 19.0 |
| x=4H y=2H      | 16.8            | 17.4 | 17.1 | 17.7 | 18.0 | 16.8          | 17.4 | 17.1 | 17.7 | 18.0 |
| x=4H y=3H      | 18.0            | 18.5 | 18.3 | 18.8 | 19.2 | 18.0          | 18.5 | 18.3 | 18.8 | 19.2 |
| x=4H y=4H      | 18.4            | 18.9 | 18.8 | 19.3 | 19.6 | 18.4          | 18.9 | 18.8 | 19.3 | 19.6 |
| x=4H y=6H      | 18.7            | 19.1 | 19.1 | 19.4 | 19.8 | 18.7          | 19.1 | 19.1 | 19.4 | 19.8 |
| x=4H y=8H      | 18.7            | 19.1 | 19.1 | 19.4 | 19.8 | 18.7          | 19.1 | 19.1 | 19.4 | 19.8 |
| x=4H y=12H     | 18.7            | 19.0 | 19.1 | 19.4 | 19.8 | 18.7          | 19.0 | 19.1 | 19.4 | 19.8 |
| x=8H y=4H      | 18.6            | 19.0 | 19.0 | 19.4 | 19.8 | 18.6          | 19.0 | 19.0 | 19.4 | 19.8 |
| x=8H y=6H      | 18.9            | 19.2 | 19.3 | 19.6 | 20.0 | 18.9          | 19.2 | 19.3 | 19.6 | 20.0 |
| x=8H y=8H      | 18.9            | 19.2 | 19.4 | 19.6 | 20.1 | 18.9          | 19.2 | 19.4 | 19.6 | 20.1 |
| x=8H y=12H     | 18.9            | 19.1 | 19.4 | 19.6 | 20.1 | 18.9          | 19.1 | 19.4 | 19.6 | 20.1 |
| x=12H y=4H     | 18.6            | 18.9 | 19.0 | 19.3 | 19.7 | 18.6          | 18.9 | 19.0 | 19.3 | 19.7 |
| x=12H y=6H     | 18.9            | 19.1 | 19.4 | 19.6 | 20.0 | 18.9          | 19.1 | 19.4 | 19.6 | 20.0 |
| x=12H y=8H     | 18.9            | 19.1 | 19.4 | 19.6 | 20.1 | 18.9          | 19.1 | 19.4 | 19.6 | 20.1 |