

# E62/LED2N30D



**luminaria adosada • rectangular**

**aplicación :** Espacios de oficina en general,  
Espacios sanitarios en general, Entornos difíciles

**carcasa:** policarbonato

**fuenta luminosa :** LED • 4000 K

**óptica :** lente lineal • Policarbonato (PC) • extensiva

**clasificación UGR :** <=28

**flujo luminoso:** 3050 lm

**flujo luminoso específico :** 115 lm/W

**LLMF:** 99% @ 50khrs (Tq=25°C)

## Product information

### Características mecánicas

**dimensiones :** 880 mm x 56 mm x 80 mm

**color:** RAL7037 - gris polvo

**tipo :** luminaria individual

**IP:** IP66

**IK:** IK07

**temperatura ambiente:** -20°C - 35°C •

### Equipo eléctrico

**controlador:** DALI regulable

**potencia :** 26.5 W

**tensión :** 220-240V

**frecuencia :** 50-60Hz AC

**seguridad fotobiológica :** EN 62471: RISK GROUP 1  
UNLIMITED

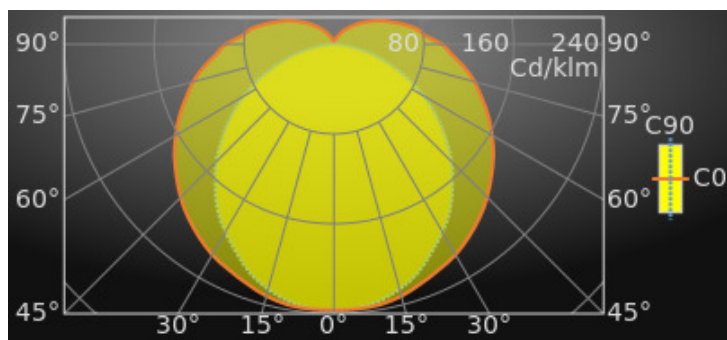
## Luminance

flujo luminoso : 3050 lm

flujo luminoso específico : 115 lm/W

classification UGR =: <=28

superficie luminoso : 0.04 m<sup>2</sup>



Average Luminances (Cd/m<sup>2</sup>) for 3050lm

| Gamma | C0    | C30   | C45   | C60   | C90   |
|-------|-------|-------|-------|-------|-------|
| 45°   | 12222 | 12098 | 12182 | 12407 | 14604 |
| 50°   | 11941 | 11793 | 11782 | 11904 | 14077 |
| 55°   | 11736 | 11505 | 11377 | 11372 | 13532 |
| 60°   | 11535 | 11264 | 11005 | 10881 | 12906 |
| 65°   | 11415 | 11065 | 10737 | 10429 | 12109 |
| 70°   | 11286 | 10912 | 10481 | 9993  | 11043 |
| 75°   | 11340 | 10835 | 10328 | 9622  | 9685  |
| 80°   | 11362 | 10914 | 10311 | 9394  | 7653  |
| 85°   | 11417 | 10982 | 10333 | 9259  | 4150  |

## Clasificaciones

CIE: 326 / 570 / 741 / 852 / 1000

CIE FLUXCODE : 0.38 / 0.67 / 0.87 / 0.85 / 1.00

BZ: BZ10/1.25/BZ5/1.5/BZ10

CAE: CAE 1/5°/CAE 2/75°/CAE 3

DIN: B30 (Nach Arbeitsblatt 7 und 8)

DIN\_U: Phi u = 0.85

DIN\_SU: Phi su = 0.46

UTE: 0.85 H + 0.15 T

Lifetime Data (Tq=25.0°C)

| Time(hrs) | LLMF(%) | Cx(%) |
|-----------|---------|-------|
| 10000     | 99      | 2     |
| 20000     | 99      | 4     |
| 30000     | 99      | 6     |
| 40000     | 99      | 8     |
| 50000     | 99      | 9     |
| 60000     | 98      | 11    |
| 70000     | 98*     | 13    |
| 80000     | 98*     | 15    |
| 90000     | 98*     | 17    |
| 100000    | 98*     | 18    |

## Intensidad luminosa en cd

Intensity for 3050lm

| Gamma | C0    | C45   | C90   | Gamma | C0    | C45   | C90  |
|-------|-------|-------|-------|-------|-------|-------|------|
| 0°    | 721.9 | 721.9 | 721.9 | 90°   | 293.3 | 191.2 | 1.9  |
| 5°    | 721.9 | 720.9 | 720.5 | 95°   | 250.1 | 158.5 | 0.7  |
| 10°   | 718.9 | 713.3 | 708.8 | 100°  | 231.5 | 140.3 | 0.3  |
| 15°   | 708.3 | 697.0 | 689.1 | 105°  | 201.3 | 118.4 | 0.3  |
| 20°   | 692.0 | 679.2 | 662.6 | 110°  | 173.3 | 99.1  | 0.3  |
| 25°   | 675.8 | 655.6 | 624.9 | 115°  | 148.7 | 82.1  | 0.2  |
| 30°   | 660.6 | 627.3 | 588.9 | 120°  | 125.6 | 67.7  | 0.2  |
| 35°   | 638.6 | 596.7 | 550.0 | 125°  | 104.7 | 55.2  | 0.2  |
| 40°   | 615.3 | 562.0 | 499.9 | 130°  | 86.2  | 44.5  | 0.2  |
| 45°   | 588.0 | 524.7 | 451.1 | 135°  | 69.3  | 35.3  | 0.3  |
| 50°   | 558.1 | 486.3 | 395.2 | 140°  | 54.5  | 27.1  | 0.4  |
| 55°   | 528.2 | 445.5 | 339.0 | 145°  | 42.0  | 20.7  | 0.5  |
| 60°   | 495.3 | 404.5 | 281.9 | 150°  | 30.9  | 15.6  | 1.0  |
| 65°   | 462.7 | 365.8 | 223.5 | 155°  | 22.0  | 11.4  | 1.4  |
| 70°   | 427.0 | 326.2 | 165.0 | 160°  | 15.1  | 8.2   | 1.9  |
| 75°   | 395.0 | 288.6 | 109.5 | 165°  | 10.9  | 7.0   | 3.2  |
| 80°   | 358.7 | 253.1 | 58.0  | 170°  | 9.9   | 8.1   | 6.6  |
| 85°   | 320.5 | 216.6 | 15.8  | 175°  | 11.1  | 10.8  | 10.5 |
| 90°   | 293.3 | 191.2 | 1.9   | 180°  | 12.2  | 12.2  | 12.2 |

## Colour properties

Correlated Colour Temperature : 4000

Ra: CRI (Ra) 80

## classification UGR =

Corrected Glare Ratings for a Total Lamp Flux of 3050lm (S = 0.25H)

|                 | Room Reflection Factors (%)                                    |      |      |      |      |                |      |      |      |      |
|-----------------|----------------------------------------------------------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling         | 70                                                             | 70   | 50   | 50   | 30   | 70             | 70   | 50   | 50   | 30   |
| Walls           | 50                                                             | 30   | 50   | 30   | 30   | 50             | 30   | 50   | 30   | 30   |
| Floor           | 20                                                             | 20   | 20   | 20   | 20   | 20             | 20   | 20   | 20   | 20   |
| Room Dimensions | Viewed Crosswise                                               |      |      |      |      | Viewed Endwise |      |      |      |      |
| X = 2H Y = 2H   | 20.6                                                           | 22.1 | 21.1 | 22.6 | 23.1 | 19.4           | 21.0 | 20.0 | 21.5 | 22.0 |
| Y = 3H          | 22.7                                                           | 24.1 | 23.2 | 24.7 | 25.2 | 20.8           | 22.2 | 21.3 | 22.8 | 23.3 |
| Y = 4H          | 23.8                                                           | 25.1 | 24.3 | 25.7 | 26.2 | 21.3           | 22.6 | 21.8 | 23.2 | 23.7 |
| Y = 6H          | 24.8                                                           | 26.1 | 25.4 | 26.7 | 27.2 | 21.6           | 22.8 | 22.1 | 23.4 | 24.0 |
| Y = 8H          | 25.3                                                           | 26.6 | 25.9 | 27.2 | 27.7 | 21.6           | 22.8 | 22.2 | 23.4 | 24.0 |
| Y = 12H         | 25.8                                                           | 27.0 | 26.4 | 27.6 | 28.2 | 21.6           | 22.8 | 22.2 | 23.4 | 24.0 |
| X = 4H Y = 2H   | 21.1                                                           | 22.5 | 21.7 | 23.0 | 23.6 | 20.3           | 21.6 | 20.8 | 22.2 | 22.7 |
| Y = 3H          | 23.5                                                           | 24.7 | 24.1 | 25.3 | 25.9 | 21.9           | 23.1 | 22.5 | 23.7 | 24.2 |
| Y = 4H          | 24.8                                                           | 25.8 | 25.4 | 26.4 | 27.0 | 22.5           | 23.6 | 23.2 | 24.2 | 24.8 |
| Y = 6H          | 26.0                                                           | 27.0 | 26.6 | 27.6 | 28.2 | 23.0           | 24.0 | 23.6 | 24.6 | 25.2 |
| Y = 8H          | 26.6                                                           | 27.5 | 27.3 | 28.2 | 28.8 | 23.1           | 24.0 | 23.8 | 24.7 | 25.3 |
| Y = 12H         | 27.2                                                           | 28.0 | 27.9 | 28.7 | 29.3 | 23.1           | 24.0 | 23.8 | 24.7 | 25.3 |
| X = 8H Y = 4H   | 25.1                                                           | 26.0 | 25.7 | 26.6 | 27.3 | 23.2           | 24.1 | 23.9 | 24.8 | 25.4 |
| Y = 6H          | 26.6                                                           | 27.4 | 27.2 | 28.0 | 28.7 | 24.0           | 24.8 | 24.7 | 25.4 | 26.1 |
| Y = 8H          | 27.3                                                           | 28.0 | 28.0 | 28.7 | 29.4 | 24.3           | 24.9 | 24.9 | 25.6 | 26.3 |
| Y = 12H         | 28.1                                                           | 28.7 | 28.8 | 29.4 | 30.2 | 24.4           | 25.0 | 25.1 | 25.7 | 26.5 |
| X = 12H Y = 4H  | 25.1                                                           | 25.9 | 25.7 | 26.6 | 27.2 | 23.4           | 24.2 | 24.0 | 24.9 | 25.5 |
| Y = 6H          | 26.7                                                           | 27.4 | 27.4 | 28.1 | 28.7 | 24.3           | 25.0 | 25.0 | 25.7 | 26.3 |
| Y = 8H          | 27.5                                                           | 28.1 | 28.2 | 28.8 | 29.5 | 24.7           | 25.3 | 25.4 | 26.0 | 26.7 |
|                 | UGR Variations with Observer Position for Luminaire Spacings S |      |      |      |      |                |      |      |      |      |
| S = 1.0H        | +0.1                                                           |      | -0.1 |      |      | +0.1           |      | -0.1 |      |      |
| S = 1.5H        | +0.2                                                           |      | -0.2 |      |      | +0.2           |      | -0.2 |      |      |
| S = 2.0H        | +0.2                                                           |      | -0.3 |      |      | +0.3           |      | -0.5 |      |      |

Rendimiento

| Utilisation Factors according to IES (%) |                             |    |    |    |    |    |    |    |    |    |
|------------------------------------------|-----------------------------|----|----|----|----|----|----|----|----|----|
|                                          | Room Reflection Factors (%) |    |    |    |    |    |    |    |    |    |
| Ceiling                                  | 80                          | 80 | 80 | 50 | 50 | 50 | 30 | 30 | 30 | 0  |
| Walls                                    | 50                          | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| Floor                                    | 20                          | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0  |
| RCR = 1                                  | 95                          | 91 | 88 | 84 | 82 | 79 | 78 | 76 | 74 | 65 |
| 2                                        | 81                          | 75 | 71 | 72 | 67 | 64 | 66 | 62 | 60 | 52 |
| 3                                        | 71                          | 63 | 58 | 62 | 57 | 52 | 58 | 53 | 49 | 43 |
| 4                                        | 62                          | 54 | 48 | 55 | 49 | 44 | 51 | 46 | 41 | 36 |
| 5                                        | 55                          | 47 | 41 | 49 | 43 | 38 | 46 | 40 | 36 | 31 |
| 6                                        | 50                          | 41 | 35 | 44 | 38 | 33 | 41 | 35 | 31 | 27 |
| 7                                        | 45                          | 37 | 31 | 40 | 33 | 29 | 38 | 32 | 27 | 23 |
| 8                                        | 41                          | 33 | 27 | 37 | 30 | 25 | 34 | 28 | 24 | 21 |
| 9                                        | 38                          | 30 | 24 | 34 | 27 | 23 | 32 | 26 | 22 | 19 |
| 10                                       | 35                          | 27 | 22 | 31 | 25 | 20 | 29 | 24 | 20 | 17 |

| Utilisation Factors according to LiTG (%) |                             |     |    |    |    |    |    |    |    |    |
|-------------------------------------------|-----------------------------|-----|----|----|----|----|----|----|----|----|
|                                           | Room Reflection Factors (%) |     |    |    |    |    |    |    |    |    |
| Ceiling                                   | 80                          | 80  | 80 | 50 | 50 | 50 | 50 | 50 | 30 | 0  |
| Walls                                     | 50                          | 30  | 50 | 30 | 50 | 30 | 50 | 30 | 30 | 0  |
| Floor                                     | 30                          | 30  | 10 | 10 | 30 | 30 | 10 | 10 | 10 | 0  |
| k = 0.60                                  | 41                          | 32  | 39 | 31 | 37 | 30 | 36 | 29 | 28 | 20 |
| 0.80                                      | 52                          | 42  | 48 | 40 | 46 | 38 | 44 | 37 | 35 | 27 |
| 1.00                                      | 60                          | 49  | 55 | 47 | 53 | 45 | 50 | 43 | 41 | 32 |
| 1.25                                      | 68                          | 58  | 63 | 55 | 61 | 53 | 57 | 51 | 48 | 39 |
| 1.50                                      | 75                          | 65  | 68 | 60 | 66 | 58 | 62 | 56 | 53 | 44 |
| 2.00                                      | 84                          | 74  | 75 | 68 | 73 | 66 | 68 | 62 | 59 | 50 |
| 2.50                                      | 90                          | 82  | 80 | 73 | 79 | 72 | 73 | 68 | 64 | 55 |
| 3.00                                      | 96                          | 88  | 84 | 78 | 83 | 77 | 76 | 72 | 68 | 59 |
| 4.00                                      | 101                         | 94  | 88 | 83 | 88 | 83 | 80 | 76 | 72 | 63 |
| 5.00                                      | 106                         | 100 | 91 | 87 | 91 | 87 | 83 | 80 | 76 | 67 |

Accesorios

E6H1000-1000 *Juego de suspensión (max. 1m)*



Esquema

