

# V3RB30M/W5M0D0X0



**luminaria adosada • rectangular**

**aplicación** : Áreas de trabajo, Auditorios, Espacios de enseñanza en general, Espacios sanitarios en general

**carcasa**: aluminio lacado

**fuenta luminosa** : LED • 3000 K

**óptica** : Shielded lens • Negro policarbonato (PC) • extensiva extrema

**clasificación UGR** : <=19

**flujo luminoso**: 3500 lm

**flujo luminoso específico** : 134 lm/W

**LLMF**: 97% @ 50khrs (Tq=25°C)

## Product information

### Características mecánicas

**dimensiones** : 2283 mm x 60 mm x 90 mm

**color**: RAL9005 - negro intenso (texturizado)

**tipo** : luminaria individual

**IP**: IP20

**IK**: IK07

### Equipo eléctrico

**controlador**: DALI regulable

**potencia** : 26.1 W

**tensión** : 220-240V

**frecuencia** : 50-60Hz AC

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

## Luminance

flujo luminoso : 3500 lm

flujo luminoso específico : 134 lm/W

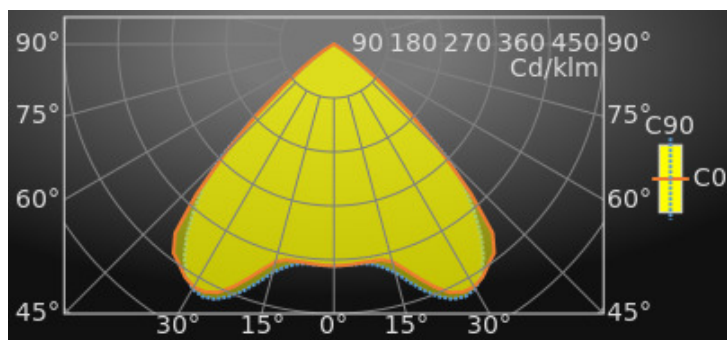
luminancia @ 65° = : 1000 cd/m²

classification UGR =: <=19

superficie luminoso : 0.13 m²

Average Luminances (Cd/m²) for 3500lm

| Gamma | C0   | C30   | C45   | C60   | C90   |
|-------|------|-------|-------|-------|-------|
| 45°   | 9797 | 15996 | 18353 | 14693 | 10355 |
| 50°   | 4657 | 10141 | 16212 | 11302 | 4177  |
| 55°   | 2013 | 6619  | 8734  | 4776  | 1343  |
| 60°   | 305  | 2506  | 3136  | 2267  | 737   |
| 65°   | 0    | 271   | 889   | 779   | 311   |
| 70°   | 0    | 0     | 8     | 146   | 24    |
| 75°   | 0    | 0     | 0     | 0     | 8     |
| 80°   | 1    | 0     | 0     | 0     | 19    |
| 85°   | 0    | 0     | 0     | 0     | 0     |



## Clasificaciones

CIE: 675 / 989 / 1000 / 1000 / 1000

CIE FLUXCODE : 0.67 / 0.99 / 1.00 / 1.00 / 1.00

BZ: BZ2

CAE: Symmetrical

DIN: A50 (Nach Arbeitsblatt 7)

DIN\_U: Phi u = 1.00

DIN\_SU: Phi su = 0.69

UTE: 1.00 C + 0.00 T

#### Lifetime Data (Tq=25.0°C)

| Time(khrs) | LLMF(%) | Cx(%) |
|------------|---------|-------|
| 10         | 100     | 2     |
| 20         | 99      | 4     |
| 30         | 99      | 6     |
| 40         | 98      | 8     |
| 50         | 98      | 10    |
| 60         | 97      | 12    |

#### Intensidad luminosa en cd

##### Intensity for 3500lm

| Gamma | C0     | C45    | C90    |
|-------|--------|--------|--------|
| 0°    | 1295.3 | 1295.3 | 1295.3 |
| 5°    | 1291.2 | 1291.2 | 1293.2 |
| 10°   | 1287.8 | 1283.7 | 1305.7 |
| 15°   | 1315.6 | 1297.8 | 1383.2 |
| 20°   | 1457.1 | 1353.2 | 1531.5 |
| 25°   | 1600.9 | 1511.1 | 1643.8 |
| 30°   | 1637.5 | 1659.8 | 1651.3 |
| 35°   | 1572.2 | 1763.7 | 1523.4 |
| 40°   | 1442.1 | 1805.7 | 1274.6 |
| 45°   | 884.5  | 1657.0 | 934.9  |
| 50°   | 382.2  | 1330.5 | 342.8  |
| 55°   | 147.4  | 639.6  | 98.3   |
| 60°   | 19.5   | 200.2  | 47.1   |
| 65°   | 0.0    | 48.0   | 16.8   |
| 70°   | 0.0    | 0.3    | 1.0    |
| 75°   | 0.0    | 0.0    | 0.3    |
| 80°   | 0.0    | 0.0    | 0.4    |
| 85°   | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    |

#### classification UGR =

Corrected Glare Ratings for a Total Lamp Flux of 3500lm (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   | 18.7                                                           | 20.4 | 19.1  | 20.7 | 20.9 | 18.4           | 20.1 | 18.7  | 20.3 | 20.6 |
| Y = 3H          | 18.6                                                           | 20.1 | 18.9  | 20.3 | 20.6 | 18.2           | 19.7 | 18.6  | 20.0 | 20.3 |
| Y = 4H          | 18.5                                                           | 19.9 | 18.8  | 20.2 | 20.5 | 18.1           | 19.5 | 18.5  | 19.8 | 20.1 |
| Y = 6H          | 18.4                                                           | 19.7 | 18.8  | 20.0 | 20.3 | 18.1           | 19.3 | 18.4  | 19.7 | 20.0 |
| Y = 8H          | 18.4                                                           | 19.6 | 18.7  | 19.9 | 20.2 | 18.0           | 19.2 | 18.4  | 19.6 | 19.9 |
| Y = 12H         | 18.3                                                           | 19.5 | 18.7  | 19.8 | 20.2 | 18.0           | 19.2 | 18.4  | 19.5 | 19.8 |
| X = 4H Y = 2H   | 18.6                                                           | 20.0 | 19.0  | 20.3 | 20.6 | 18.3           | 19.7 | 18.7  | 20.0 | 20.3 |
| Y = 3H          | 18.5                                                           | 19.6 | 18.9  | 20.0 | 20.3 | 18.2           | 19.3 | 18.6  | 19.7 | 20.0 |
| Y = 4H          | 18.4                                                           | 19.4 | 18.8  | 19.8 | 20.1 | 18.1           | 19.1 | 18.5  | 19.5 | 19.9 |
| Y = 6H          | 18.3                                                           | 19.2 | 18.8  | 19.6 | 20.0 | 18.1           | 18.9 | 18.5  | 19.3 | 19.7 |
| Y = 8H          | 18.3                                                           | 19.1 | 18.8  | 19.5 | 19.9 | 18.0           | 18.8 | 18.5  | 19.2 | 19.6 |
| Y = 12H         | 18.3                                                           | 19.0 | 18.7  | 19.4 | 19.9 | 18.0           | 18.7 | 18.4  | 19.1 | 19.6 |
| X = 8H Y = 4H   | 18.3                                                           | 19.1 | 18.8  | 19.5 | 19.9 | 18.0           | 18.8 | 18.5  | 19.2 | 19.6 |
| Y = 6H          | 18.3                                                           | 18.9 | 18.7  | 19.4 | 19.8 | 18.0           | 18.6 | 18.4  | 19.1 | 19.5 |
| Y = 8H          | 18.2                                                           | 18.8 | 18.7  | 19.3 | 19.7 | 17.9           | 18.5 | 18.4  | 19.0 | 19.4 |
| Y = 12H         | 18.2                                                           | 18.7 | 18.7  | 19.2 | 19.7 | 17.9           | 18.4 | 18.4  | 18.9 | 19.4 |
| X = 12H Y = 4H  | 18.3                                                           | 19.0 | 18.7  | 19.4 | 19.9 | 18.0           | 18.7 | 18.4  | 19.1 | 19.6 |
| Y = 6H          | 18.2                                                           | 18.8 | 18.7  | 19.3 | 19.7 | 17.9           | 18.5 | 18.4  | 19.0 | 19.4 |
| Y = 8H          | 18.2                                                           | 18.7 | 18.7  | 19.2 | 19.7 | 17.9           | 18.4 | 18.4  | 18.9 | 19.4 |
|                 | UGR Variations with Observer Position for Luminaire Spacings S |      |       |      |      |                |      |       |      |      |
| S = 1.0H        | +2.6                                                           |      | -6.1  |      |      | +2.6           |      | -8.1  |      |      |
| S = 1.5H        | +4.5                                                           |      | -27.5 |      |      | +4.8           |      | -16.3 |      |      |
| S = 2.0H        | +5.2                                                           |      | -71.8 |      |      | +5.1           |      | -24.3 |      |      |

#### Colour properties

Correlated Colour Temperature : 3000

Ra: CRI (Ra) 80

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                                  | 108                         | 106 | 104 | 102 | 100 | 99 | 98 | 97 | 96 | 90 |
| 2                                        | 97                          | 94  | 91  | 92  | 89  | 87 | 89 | 87 | 85 | 80 |
| 3                                        | 88                          | 82  | 79  | 83  | 79  | 76 | 81 | 77 | 75 | 71 |
| 4                                        | 79                          | 73  | 68  | 75  | 71  | 67 | 73 | 69 | 66 | 62 |
| 5                                        | 72                          | 65  | 60  | 69  | 63  | 59 | 67 | 62 | 58 | 55 |
| 6                                        | 65                          | 58  | 53  | 62  | 56  | 52 | 61 | 56 | 52 | 49 |
| 7                                        | 59                          | 52  | 47  | 57  | 51  | 46 | 56 | 50 | 46 | 44 |
| 8                                        | 54                          | 47  | 42  | 52  | 46  | 42 | 51 | 45 | 41 | 39 |
| 9                                        | 50                          | 43  | 38  | 48  | 42  | 37 | 47 | 41 | 37 | 35 |
| 10                                       | 46                          | 39  | 34  | 44  | 38  | 34 | 43 | 38 | 34 | 32 |

| 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                                  | 55                          | 47  | 53  | 46  | 53  | 46  | 51 | 45 | 45 | 39 |
| 0.80                                      | 69                          | 61  | 65  | 59  | 66  | 59  | 63 | 58 | 57 | 51 |
| 1.00                                      | 78                          | 70  | 73  | 67  | 75  | 68  | 71 | 66 | 65 | 59 |
| 1.25                                      | 89                          | 81  | 81  | 76  | 84  | 78  | 79 | 74 | 74 | 69 |
| 1.50                                      | 95                          | 88  | 86  | 81  | 89  | 84  | 84 | 80 | 79 | 74 |
| 2.00                                      | 102                         | 96  | 91  | 87  | 95  | 90  | 89 | 85 | 84 | 80 |
| 2.50                                      | 108                         | 102 | 95  | 92  | 100 | 96  | 93 | 90 | 89 | 84 |
| 3.00                                      | 112                         | 107 | 98  | 96  | 104 | 100 | 96 | 93 | 92 | 88 |
| 4.00                                      | 116                         | 112 | 100 | 98  | 106 | 103 | 97 | 96 | 94 | 90 |
| 5.00                                      | 119                         | 115 | 102 | 100 | 109 | 106 | 99 | 98 | 96 | 92 |

Accesorios

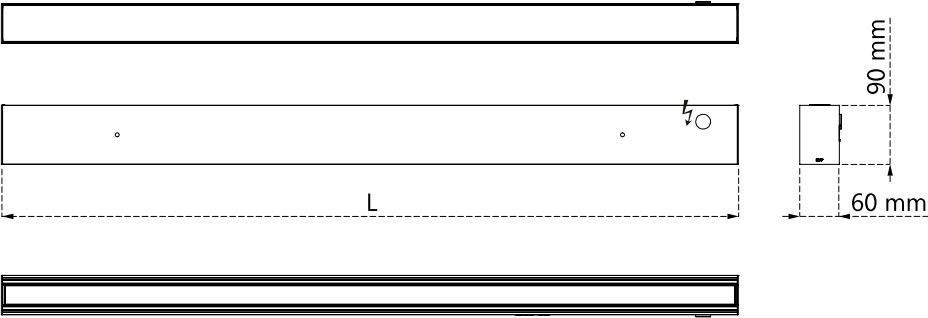
V3H2500 *Soportes de montaje en el techo*

V3H9900 *Archivo de instalación*

V3H9960 *Installation tool*



Esquema



| CODE        | L       |
|-------------|---------|
| V3WD*0*/*2* | 560 mm  |
| V3WD*0*/*3* | 843 mm  |
| V3WD*0*/*4* | 1123 mm |
| V3WD*0*/*5* | 1403 mm |
| V3WD*0*/*6* | 1683 mm |
| V3WD*0*/*7* | 1963 mm |
| V3WD*0*/*8* | 2243 mm |
| V3WD*0*/*9* | 2523 mm |
| V3WD*0*/*0* | 2803 mm |