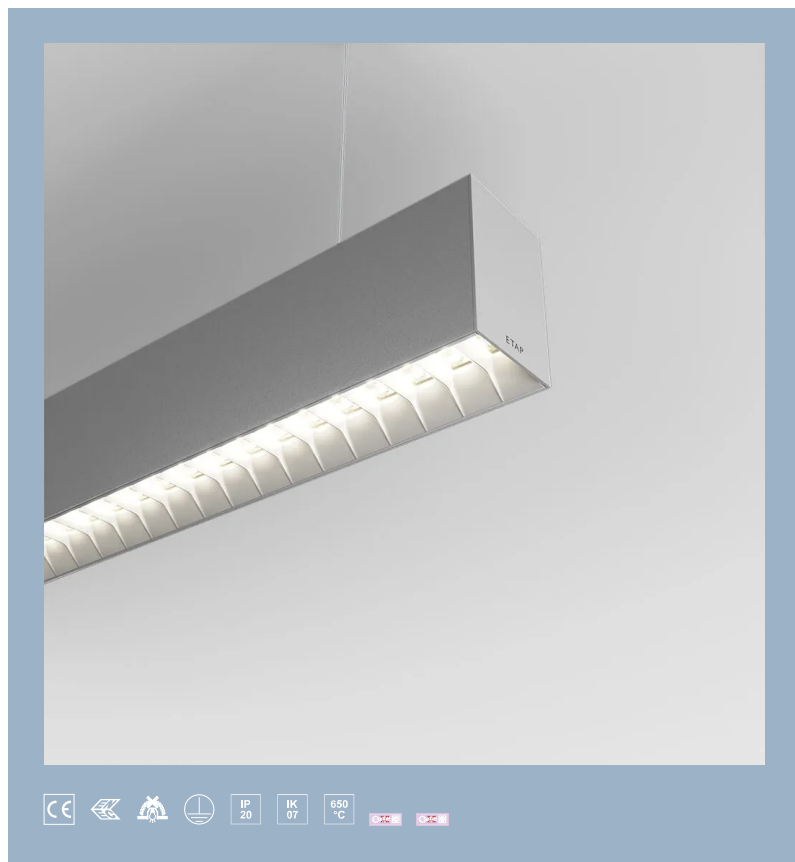


# V3SS10M/W3MMD0X2



## luminaria suspendida • rectangular

aplicación : Enseñanza ? Aulas, Oficinas ?  
Recepción, Oficinas ? Lugar de trabajo, Oficinas ?  
Sala de reuniones, Oficinas ? Corredor

fuenta luminosa : LED • 3000 K

óptica : Shielded lens • Blanco policarbonato (PC) •  
extensiva media

clasificación UGR : <=16

flujo luminoso: 4800 lm

flujo luminoso específico : 136 lm/W

LLMF: 95% @ 50khrs (Tq=25°C)

## Product information

### Características mecánicas

dimensiones : 1371 mm x 60 mm x 90 mm

color: RAL9006 - gris aluminio

tipo : luminaria individual

IP: IP20

IK: IK07

### Equipo eléctrico

controlador: DALI regulable

potencia : 35.4 W

tensión : 220-240V

frecuencia : 50-60Hz AC

seguridad fotobiológica : EN 62471: RISK GROUP 1  
UNLIMITED

## Luminance

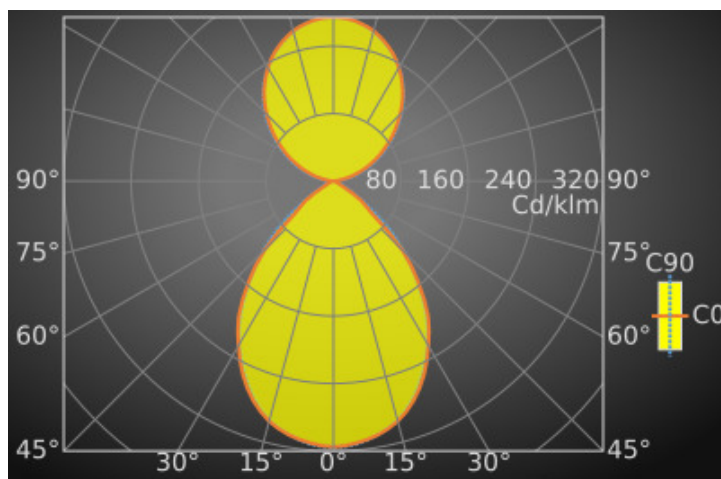
flujo luminoso : 4800 lm

flujo luminoso específico : 136 lm/W

luminancia @ 65° = : 3000 cd/m²

classification UGR =: <=16

superficie luminoso : 0.08 m²



Average Luminances (Cd/m²) for 4800lm

| Gamma | C0    | C30   | C45   | C60   | C90   |
|-------|-------|-------|-------|-------|-------|
| 45°   | 10219 | 11954 | 12665 | 11941 | 10423 |
| 50°   | 5877  | 9541  | 10411 | 9910  | 8171  |
| 55°   | 4343  | 5664  | 8015  | 7616  | 4800  |
| 60°   | 1865  | 3953  | 4829  | 4049  | 2414  |
| 65°   | 824   | 1444  | 2536  | 2043  | 1849  |
| 70°   | 573   | 692   | 924   | 1319  | 1277  |
| 75°   | 443   | 490   | 591   | 792   | 1021  |
| 80°   | 289   | 359   | 406   | 501   | 844   |
| 85°   | 0     | 0     | 27    | 198   | 567   |

## Clasificaciones

CIE: 369 / 503 / 519 / 520 / 1000

CIE FLUXCODE : 0.71 / 0.97 / 1.00 / 0.52 / 1.00

BZ: BZ2

CAE: Symmetrical

DIN: C62 (Nach Arbeitsblatt 7 und 8)

DIN\_U: Phi u = 0.52

DIN\_SU: Phi su = 0.71

UTE: 0.52 C + 0.48 T

Lifetime Data (Tq=25.0°C)

| Time(khrs) | LLMF(%) | Cx(%) |
|------------|---------|-------|
| 10         | 99      | 2     |
| 20         | 98      | 4     |
| 30         | 97      | 6     |
| 40         | 96      | 8     |
| 50         | 95      | 10    |
| 60         | 95      | 12    |

## Intensidad luminosa en cd

Intensity for 4800lm

| Gamma | C0     | C45    | C90    | Gamma | C0    | C45   | C90   |
|-------|--------|--------|--------|-------|-------|-------|-------|
| 0°    | 1512.8 | 1512.8 | 1512.8 | 90°   | 0.9   | 1.4   | 3.6   |
| 5°    | 1496.9 | 1497.3 | 1502.5 | 95°   | 8.3   | 12.5  | 25.4  |
| 10°   | 1465.6 | 1461.2 | 1462.8 | 100°  | 47.1  | 59.4  | 71.5  |
| 15°   | 1414.5 | 1412.1 | 1408.9 | 105°  | 104.8 | 117.8 | 127.8 |
| 20°   | 1332.0 | 1339.1 | 1317.1 | 110°  | 169.7 | 182.7 | 190.7 |
| 25°   | 1220.0 | 1243.5 | 1198.6 | 115°  | 238.9 | 251.8 | 257.1 |
| 30°   | 1081.4 | 1125.1 | 1068.0 | 120°  | 311.1 | 322.5 | 327.7 |
| 35°   | 940.3  | 992.0  | 914.6  | 125°  | 385.0 | 395.9 | 400.0 |
| 40°   | 751.5  | 851.7  | 735.3  | 130°  | 461.0 | 470.8 | 473.5 |
| 45°   | 553.6  | 686.1  | 564.6  | 135°  | 537.5 | 545.5 | 548.2 |
| 50°   | 289.4  | 512.7  | 402.3  | 140°  | 613.5 | 617.2 | 619.7 |
| 55°   | 190.8  | 352.2  | 210.9  | 145°  | 682.7 | 686.4 | 686.6 |
| 60°   | 71.4   | 185.0  | 92.5   | 150°  | 745.2 | 746.9 | 744.2 |
| 65°   | 26.7   | 82.1   | 59.9   | 155°  | 801.4 | 801.0 | 795.6 |
| 70°   | 15.0   | 24.2   | 33.5   | 160°  | 845.9 | 846.4 | 839.6 |
| 75°   | 8.8    | 11.7   | 20.2   | 165°  | 884.4 | 883.8 | 876.4 |
| 80°   | 3.8    | 5.4    | 11.2   | 170°  | 910.3 | 908.7 | 909.7 |
| 85°   | 0.0    | 0.2    | 3.8    | 175°  | 926.8 | 926.4 | 926.0 |
| 90°   | 0.9    | 1.4    | 3.6    | 180°  | 932.6 | 932.6 | 932.6 |

## classification UGR =

Corrected Glare Ratings for a Total Lamp Flux of 4800lm (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   | 14.4                                                           | 15.3 | 15.3  | 16.2 | 17.0 | 14.9           | 15.8 | 15.7 | 16.7 | 17.5 |
| Y = 3H          | 14.2                                                           | 15.0 | 15.0  | 15.9 | 16.7 | 14.7           | 15.5 | 15.6 | 16.4 | 17.3 |
| Y = 4H          | 14.0                                                           | 14.8 | 14.9  | 15.7 | 16.5 | 14.6           | 15.4 | 15.5 | 16.3 | 17.1 |
| Y = 6H          | 13.9                                                           | 14.6 | 14.8  | 15.5 | 16.4 | 14.5           | 15.2 | 15.4 | 16.1 | 17.0 |
| Y = 8H          | 13.8                                                           | 14.5 | 14.7  | 15.4 | 16.3 | 14.4           | 15.1 | 15.4 | 16.0 | 16.9 |
| Y = 12H         | 13.7                                                           | 14.4 | 14.7  | 15.3 | 16.2 | 14.4           | 15.0 | 15.3 | 15.9 | 16.8 |
| X = 4H Y = 2H   | 14.3                                                           | 15.1 | 15.2  | 16.0 | 16.8 | 14.7           | 15.5 | 15.6 | 16.4 | 17.2 |
| Y = 3H          | 14.1                                                           | 14.7 | 15.0  | 15.6 | 16.5 | 14.6           | 15.2 | 15.5 | 16.2 | 17.0 |
| Y = 4H          | 13.9                                                           | 14.5 | 14.9  | 15.4 | 16.3 | 14.5           | 15.0 | 15.5 | 16.0 | 16.9 |
| Y = 6H          | 13.8                                                           | 14.3 | 14.8  | 15.2 | 16.2 | 14.4           | 14.9 | 15.4 | 15.8 | 16.8 |
| Y = 8H          | 13.7                                                           | 14.2 | 14.7  | 15.1 | 16.1 | 14.3           | 14.8 | 15.3 | 15.7 | 16.7 |
| Y = 12H         | 13.7                                                           | 14.0 | 14.6  | 15.0 | 16.0 | 14.3           | 14.6 | 15.3 | 15.6 | 16.6 |
| X = 8H Y = 4H   | 13.7                                                           | 14.2 | 14.7  | 15.1 | 16.1 | 14.3           | 14.7 | 15.3 | 15.7 | 16.6 |
| Y = 6H          | 13.6                                                           | 14.0 | 14.6  | 15.0 | 15.9 | 14.2           | 14.5 | 15.2 | 15.5 | 16.5 |
| Y = 8H          | 13.5                                                           | 13.8 | 14.5  | 14.8 | 15.8 | 14.1           | 14.4 | 15.1 | 15.4 | 16.4 |
| Y = 12H         | 13.5                                                           | 13.7 | 14.5  | 14.7 | 15.7 | 14.1           | 14.3 | 15.1 | 15.3 | 16.3 |
| X = 12H Y = 4H  | 13.7                                                           | 14.0 | 14.7  | 15.0 | 16.0 | 14.2           | 14.6 | 15.2 | 15.6 | 16.5 |
| Y = 6H          | 13.5                                                           | 13.8 | 14.5  | 14.8 | 15.8 | 14.1           | 14.4 | 15.1 | 15.4 | 16.4 |
| Y = 8H          | 13.5                                                           | 13.7 | 14.5  | 14.7 | 15.7 | 14.1           | 14.3 | 15.1 | 15.3 | 16.3 |
|                 | UGR Variations with Observer Position for Luminaire Spacings S |      |       |      |      |                |      |      |      |      |
| S = 1.0H        | +1.5                                                           |      | -2.7  |      |      | +1.0           |      | -2.1 |      |      |
| S = 1.5H        | +2.7                                                           |      | -8.6  |      |      | +2.0           |      | -6.4 |      |      |
| S = 2.0H        | +4.2                                                           |      | -12.4 |      |      | +3.5           |      | -7.7 |      |      |

## 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                                  | 97                          | 95 | 94 | 77 | 76 | 75 | 65 | 64 | 63 | 47 |
| 2                                        | 88                          | 84 | 81 | 69 | 67 | 65 | 59 | 57 | 56 | 42 |
| 3                                        | 79                          | 74 | 70 | 63 | 60 | 57 | 53 | 51 | 49 | 37 |
| 4                                        | 71                          | 65 | 61 | 57 | 53 | 50 | 49 | 46 | 44 | 33 |
| 5                                        | 64                          | 58 | 53 | 52 | 47 | 44 | 44 | 41 | 39 | 30 |
| 6                                        | 58                          | 51 | 47 | 47 | 43 | 39 | 41 | 37 | 35 | 27 |
| 7                                        | 53                          | 46 | 41 | 43 | 38 | 35 | 37 | 34 | 31 | 25 |
| 8                                        | 48                          | 41 | 37 | 40 | 35 | 32 | 34 | 31 | 28 | 22 |
| 9                                        | 44                          | 37 | 33 | 36 | 32 | 28 | 32 | 28 | 26 | 20 |
| 10                                       | 41                          | 34 | 30 | 34 | 29 | 26 | 30 | 26 | 23 | 19 |

| 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                                  | 48                          | 41  | 46 | 40 | 40 | 35 | 39 | 34 | 31 | 23 |
| 0.80                                      | 59                          | 51  | 55 | 49 | 49 | 43 | 46 | 42 | 38 | 29 |
| 1.00                                      | 67                          | 59  | 62 | 56 | 55 | 49 | 52 | 47 | 42 | 33 |
| 1.25                                      | 75                          | 67  | 69 | 63 | 61 | 56 | 57 | 54 | 48 | 37 |
| 1.50                                      | 81                          | 73  | 73 | 68 | 65 | 60 | 61 | 57 | 51 | 40 |
| 2.00                                      | 88                          | 81  | 79 | 74 | 70 | 66 | 65 | 62 | 55 | 42 |
| 2.50                                      | 93                          | 87  | 83 | 79 | 74 | 70 | 68 | 66 | 57 | 45 |
| 3.00                                      | 97                          | 92  | 85 | 82 | 76 | 73 | 70 | 68 | 60 | 46 |
| 4.00                                      | 102                         | 97  | 88 | 85 | 79 | 76 | 72 | 71 | 61 | 47 |
| 5.00                                      | 105                         | 101 | 90 | 88 | 81 | 79 | 74 | 73 | 63 | 48 |

Accesorios

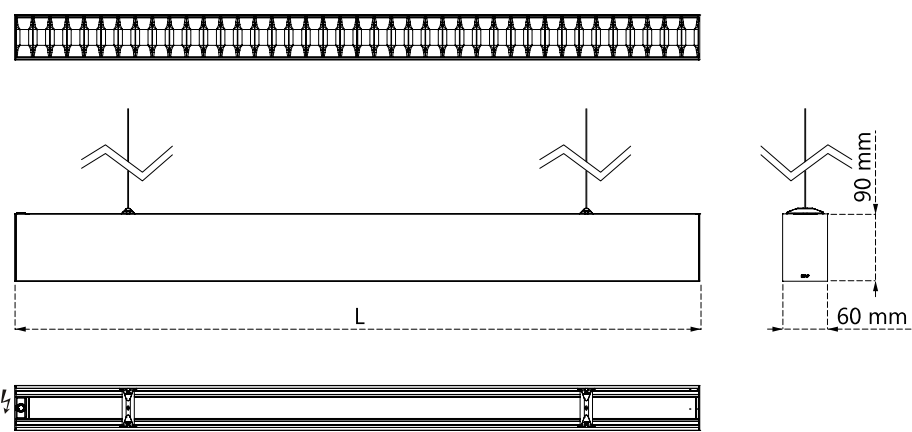
ACC-HI00-X02 *Tapa de techo para luminarias suspendidas (R7/R3/Ley) - Regleta de bornes de 5 polos - RAL9006 Aluminio blanco*

V3-HI01-5P-1500 *Juego de cables de suspensión para Ley individual - para combinar con tapa de techo - cable de alimentación de 5 polos - 2 cables de acero (premontado en la luminaria) - 1 soporte de cable - máx. 1,5 m 1,5m*

V3-HI02-5P-1500 *Juego de cables de suspensión para Ley individual - minimalista: sin tapa de techo - cable de alimentación de 5 polos - 2 cables de acero (premontado en la luminaria) - 2 soportes de cable - máx. 1,5 m 1,5m*



Esquema



| CODE              | L       |
|-------------------|---------|
| V3S[S,B,A]*0*/*2* | 915 mm  |
| V3S[S,B,A]*0*/*3* | 1371 mm |
| V3S[S,B,A]*0*/*4* | 1827 mm |
| V3S[S,B,A]*0*/*5* | 2283 mm |
| V3S[S,B,A]*0*/*6* | 2739 mm |