

# V3SDJ0M/N5LLD0X2



## pendlad armatur • rektangulär

**installation** : Arbetsytor, Auditorium, Allmänna utbildningslokaler, Allmänna sjukvårdslokaler

**armaturhus**: lackerat aluminium

**ljuskälla** : LED • 4000 K

**Optik** : diffusor • Opal akryl (PMMA) • bredstrålande

**UGR klassificering** : <=19

**ljusutbyte**: 5100 lm

**ljusutbyte** : 135 lm/W

**LLMF**: 98% @ 50khrs (Tq=25°C)

## Product information

### Armatur data

**dimensioner** : 1403 mm x 60 mm x 90 mm

**kulör**: RAL9006 - grå (struktlack)

**typ** : individuell armatur

**IP**: IP20

**IK**: IK07

### Elektrisk data

**drivenhet**: DALI reglerbar

**effekt** : 37.8 W

**spänning** : 220-240V

**frekvens** : 50-60Hz AC

**fotobiologisk säkerhet** : EN 62471: RISK GROUP 1  
UNLIMITED

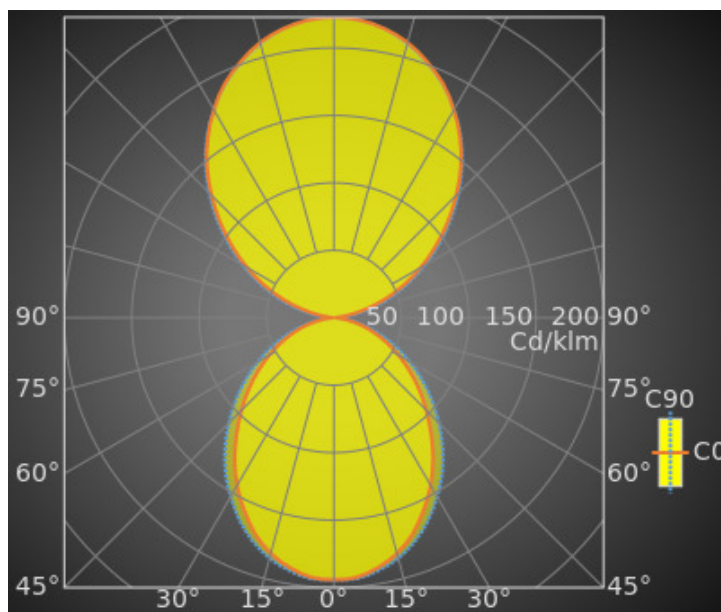
## Luminance

ljusflöde : 5100 lm

ljusutbyte : 135 lm/W

UGR klassificering =: <=19

lysande yta : 0.08 m²



Average Luminances (Cd/m²) for 5100lm

| Gamma | C0   | C30  | C45  | C60  | C90  |
|-------|------|------|------|------|------|
| 45°   | 8607 | 8886 | 9159 | 9444 | 9774 |
| 50°   | 8060 | 8334 | 8592 | 8915 | 9278 |
| 55°   | 7505 | 7754 | 8040 | 8353 | 8730 |
| 60°   | 6949 | 7179 | 7471 | 7782 | 8169 |
| 65°   | 6370 | 6610 | 6881 | 7196 | 7563 |
| 70°   | 5739 | 5961 | 6204 | 6517 | 6886 |
| 75°   | 5013 | 5178 | 5392 | 5689 | 6082 |
| 80°   | 4076 | 4234 | 4397 | 4643 | 5031 |
| 85°   | 2772 | 2936 | 3128 | 3379 | 3794 |

## Klassifisering

CIE: 239 / 374 / 436 / 450 / 1000

CIE FLUXCODE : 0.53 / 0.83 / 0.97 / 0.45 / 1.00

BZ: BZ4/1.25/BZ3/1.5/BZ4

CAE: Symmetrical

DIN: C42 (Nach Arbeitsblatt 7 und 8)

DIN\_U: Phi u = 0.45

DIN\_SU: Phi su = 0.59

UTE: 0.45 D + 0.55 T

Lifetime Data (Tq=25.0°C)

| Time(khrs) | LLMF(%) | Cx(%) |
|------------|---------|-------|
| 10         | 99      | 2     |
| 20         | 99      | 4     |
| 30         | 98      | 6     |
| 40         | 98      | 8     |
| 50         | 98      | 9     |
| 60         | 97      | 11    |

## Ljusstyrka i cd

Intensity for 5100lm

| Gamma | C0    | C45   | C90   | Gamma | C0     | C45    | C90    |
|-------|-------|-------|-------|-------|--------|--------|--------|
| 0°    | 990.0 | 990.0 | 990.0 | 90°   | 1.1    | 1.7    | 4.4    |
| 5°    | 984.8 | 987.0 | 990.2 | 95°   | 10.1   | 15.2   | 31.0   |
| 10°   | 959.4 | 963.9 | 970.2 | 100°  | 57.4   | 72.3   | 87.1   |
| 15°   | 922.0 | 929.4 | 941.3 | 105°  | 127.7  | 143.6  | 155.7  |
| 20°   | 870.2 | 882.8 | 898.4 | 110°  | 206.8  | 222.5  | 232.3  |
| 25°   | 802.9 | 823.7 | 844.4 | 115°  | 291.1  | 306.7  | 313.2  |
| 30°   | 732.3 | 757.0 | 781.1 | 120°  | 379.0  | 392.8  | 399.2  |
| 35°   | 654.5 | 684.6 | 714.8 | 125°  | 469.1  | 482.3  | 487.3  |
| 40°   | 572.3 | 605.9 | 640.2 | 130°  | 561.6  | 573.5  | 576.8  |
| 45°   | 494.2 | 525.9 | 561.2 | 135°  | 654.8  | 664.5  | 667.8  |
| 50°   | 420.7 | 448.5 | 484.3 | 140°  | 747.3  | 751.8  | 754.9  |
| 55°   | 349.6 | 374.5 | 406.6 | 145°  | 831.6  | 836.2  | 836.4  |
| 60°   | 282.1 | 303.3 | 331.7 | 150°  | 907.8  | 909.9  | 906.6  |
| 65°   | 218.6 | 236.1 | 259.5 | 155°  | 976.2  | 975.8  | 969.2  |
| 70°   | 159.4 | 172.3 | 191.2 | 160°  | 1030.5 | 1031.1 | 1022.9 |
| 75°   | 105.4 | 113.3 | 127.8 | 165°  | 1077.3 | 1076.6 | 1067.6 |
| 80°   | 57.5  | 62.0  | 70.9  | 170°  | 1108.9 | 1107.0 | 1108.3 |
| 85°   | 19.6  | 22.1  | 26.9  | 175°  | 1129.0 | 1128.5 | 1128.0 |
| 90°   | 1.1   | 1.7   | 4.4   | 180°  | 1136.1 | 1136.1 | 1136.1 |

## UGR klassificering =

Corrected Glare Ratings for a Total Lamp Flux of 5100lm (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   | 15.3                                                           | 16.2 | 16.3 | 17.2 | 18.1 | 16.1           | 17.0 | 17.0 | 17.9 | 18.8 |
| Y = 3H          | 16.4                                                           | 17.2 | 17.4 | 18.2 | 19.1 | 17.3           | 18.1 | 18.3 | 19.1 | 20.0 |
| Y = 4H          | 16.8                                                           | 17.5 | 17.7 | 18.5 | 19.4 | 17.7           | 18.5 | 18.7 | 19.4 | 20.4 |
| Y = 6H          | 17.0                                                           | 17.6 | 18.0 | 18.6 | 19.6 | 17.9           | 18.6 | 18.9 | 19.6 | 20.6 |
| Y = 8H          | 17.0                                                           | 17.7 | 18.0 | 18.7 | 19.6 | 18.0           | 18.7 | 19.0 | 19.7 | 20.6 |
| Y = 12H         | 17.0                                                           | 17.6 | 18.0 | 18.6 | 19.6 | 18.0           | 18.6 | 19.0 | 19.6 | 20.6 |
| X = 4H Y = 2H   | 15.8                                                           | 16.5 | 16.7 | 17.5 | 18.4 | 16.4           | 17.1 | 17.4 | 18.1 | 19.0 |
| Y = 3H          | 17.0                                                           | 17.6 | 18.0 | 18.6 | 19.6 | 17.8           | 18.4 | 18.8 | 19.4 | 20.3 |
| Y = 4H          | 17.5                                                           | 18.0 | 18.5 | 19.0 | 20.0 | 18.3           | 18.8 | 19.3 | 19.8 | 20.8 |
| Y = 6H          | 17.7                                                           | 18.2 | 18.8 | 19.3 | 20.2 | 18.6           | 19.1 | 19.6 | 20.1 | 21.1 |
| Y = 8H          | 17.8                                                           | 18.2 | 18.8 | 19.3 | 20.3 | 18.7           | 19.1 | 19.7 | 20.2 | 21.2 |
| Y = 12H         | 17.8                                                           | 18.2 | 18.8 | 19.2 | 20.2 | 18.7           | 19.1 | 19.8 | 20.2 | 21.2 |
| X = 8H Y = 4H   | 17.6                                                           | 18.0 | 18.6 | 19.1 | 20.1 | 18.3           | 18.8 | 19.4 | 19.8 | 20.8 |
| Y = 6H          | 18.0                                                           | 18.3 | 19.0 | 19.4 | 20.4 | 18.8           | 19.1 | 19.8 | 20.2 | 21.2 |
| Y = 8H          | 18.1                                                           | 18.4 | 19.1 | 19.4 | 20.5 | 18.9           | 19.2 | 20.0 | 20.3 | 21.3 |
| Y = 12H         | 18.1                                                           | 18.4 | 19.2 | 19.4 | 20.5 | 19.0           | 19.2 | 20.0 | 20.3 | 21.3 |
| X = 12H Y = 4H  | 17.6                                                           | 18.0 | 18.6 | 19.0 | 20.0 | 18.3           | 18.7 | 19.3 | 19.7 | 20.7 |
| Y = 6H          | 18.0                                                           | 18.3 | 19.0 | 19.3 | 20.4 | 18.7           | 19.1 | 19.8 | 20.1 | 21.1 |
| Y = 8H          | 18.1                                                           | 18.4 | 19.2 | 19.4 | 20.5 | 18.9           | 19.2 | 20.0 | 20.2 | 21.3 |
|                 | UGR Variations with Observer Position for Luminaire Spacings S |      |      |      |      |                |      |      |      |      |
| S = 1.0H        | +0.1                                                           |      | -0.2 |      |      | +0.1           |      | -0.2 |      |      |
| S = 1.5H        | +0.3                                                           |      | -0.5 |      |      | +0.2           |      | -0.5 |      |      |
| S = 2.0H        | +0.5                                                           |      | -0.9 |      |      | +0.6           |      | -0.8 |      |      |

## Colour properties

Correlated Colour Temperature : 4000

Ra: CRI (Ra) 80

## Verkningsgrad

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 | 94                          | 92 | 90 | 71 | 70 | 69 | 58 | 57 | 56 | 38 |
| 2       | 83                          | 79 | 76 | 63 | 60 | 58 | 51 | 49 | 48 | 33 |
| 3       | 74                          | 68 | 64 | 56 | 52 | 50 | 45 | 43 | 41 | 28 |
| 4       | 65                          | 59 | 55 | 50 | 46 | 43 | 41 | 38 | 35 | 24 |
| 5       | 58                          | 52 | 47 | 45 | 40 | 37 | 37 | 33 | 31 | 21 |
| 6       | 52                          | 45 | 41 | 40 | 36 | 32 | 33 | 30 | 27 | 19 |
| 7       | 47                          | 40 | 35 | 37 | 32 | 28 | 30 | 27 | 24 | 17 |
| 8       | 43                          | 36 | 31 | 33 | 29 | 25 | 28 | 24 | 21 | 15 |
| 9       | 39                          | 32 | 28 | 31 | 26 | 22 | 26 | 22 | 19 | 13 |
| 10      | 36                          | 29 | 25 | 28 | 23 | 20 | 24 | 20 | 17 | 12 |

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 | 42                          | 34 | 40 | 33 | 33 | 28 | 32 | 27 | 23 | 15 |
| 0.80     | 52                          | 44 | 49 | 42 | 41 | 35 | 39 | 34 | 29 | 19 |
| 1.00     | 60                          | 51 | 56 | 49 | 47 | 41 | 44 | 39 | 34 | 23 |
| 1.25     | 68                          | 60 | 63 | 56 | 53 | 47 | 50 | 45 | 38 | 26 |
| 1.50     | 74                          | 66 | 67 | 61 | 57 | 52 | 53 | 49 | 42 | 29 |
| 2.00     | 82                          | 75 | 74 | 68 | 62 | 58 | 58 | 55 | 46 | 32 |
| 2.50     | 88                          | 81 | 78 | 73 | 67 | 63 | 62 | 59 | 49 | 35 |
| 3.00     | 93                          | 86 | 81 | 77 | 70 | 66 | 64 | 61 | 52 | 37 |
| 4.00     | 98                          | 92 | 84 | 81 | 73 | 70 | 67 | 65 | 54 | 38 |
| 5.00     | 101                         | 97 | 87 | 84 | 75 | 73 | 69 | 67 | 56 | 39 |

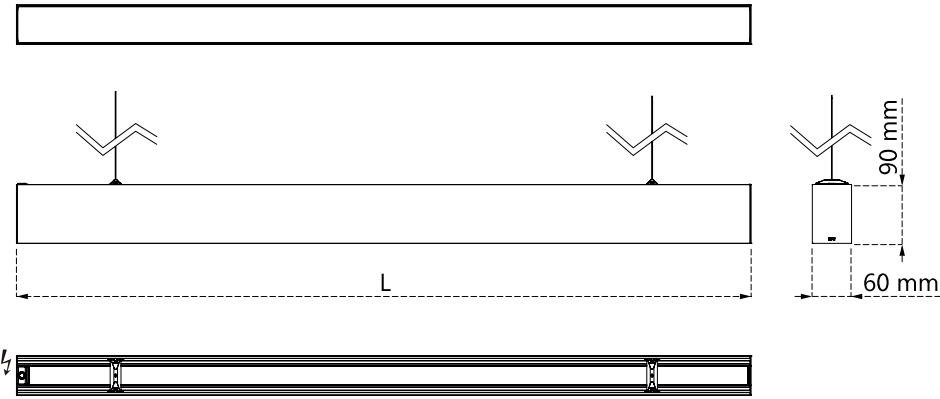
## Tillbehör

ACC-HI00-X02 Takkopp för nedpendlade armaturer (R7/R3/Ley) - 5-polig kopplingsplint - RAL9006 Grå

V3-HI01-5P-1500 Pendelset för Ley individual - att kombinera med takkopp - 5-polig kabel - 2 stålsvajrar - 1 kabelhållare - max. 1,5m

V3-HI02-5P-1500 Pendelset för Ley individual - minimalistisk : ingen takkopp - 5-polig kabel - 2 stålsvajrar - 2 kabelhållare - max. 1,5m

Måttskiss



| CODE        | L       |
|-------------|---------|
| V3SD*0*/*3* | 843 mm  |
| V3SD*0*/*4* | 1123 mm |
| V3SD*0*/*5* | 1403 mm |
| V3SD*0*/*6* | 1683 mm |
| V3SD*0*/*7* | 1963 mm |
| V3SD*0*/*8* | 2243 mm |
| V3SD*0*/*9* | 2523 mm |
| V3SD*0*/*0* | 2803 mm |