

# V3RB10M/N3M0D0X0



ytmonterad armatur • rektangulär

installation : Arbetsytor, Auditorium, Allmänna utbildningslokaler, Allmänna sjukvårdslokaler

armaturhus: lackerat aluminium

ljuskälla : LED • 4000 K

Optik : Shielded lens • Svart polykarbonathölje (PC)  
• medelbredstrålande

UGR klassificering : <=19

ljusutbyte: 2800 lm

ljusutbyte : 120 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

## Product information

### Armatur data

dimensioner : 1371 mm x 60 mm x 90 mm

kulör: RAL9005 - svart (strukurlack)

typ : individuell armatur

IP: IP20

IK: IK07

### Elektrisk data

drivenhet: DALI reglerbar

effekt : 23.3 W

spänning : 220-240V

frekvens : 50-60Hz AC

fotobiologisk säkerhet : EN 62471: RISK GROUP 1  
UNLIMITED

## Luminance

ljusflöde : 2800 lm

ljusutbyte : 120 lm/W

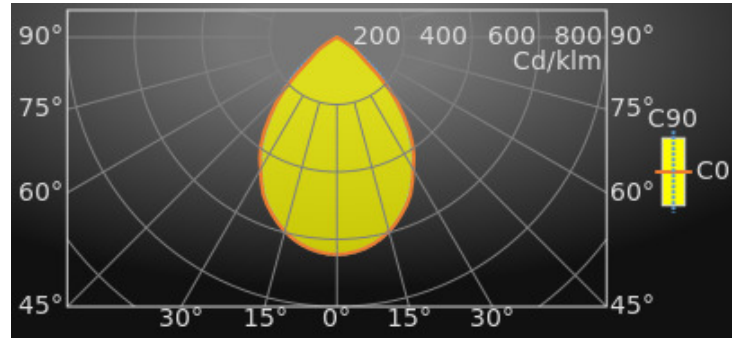
luminans @ 65° <= : 3000 cd/m<sup>2</sup>

UGR klassificering <= : <=19

lysande yta : 0.08 m<sup>2</sup>

Average Luminances (Cd/m<sup>2</sup>) for 2800lm

Gamma	C0	C30	C45	C60	C90
45°	11517	13511	14197	13343	11746
50°	6062	10244	11495	10764	8586
55°	4224	5699	8380	7635	4259
60°	1070	3677	4487	3420	1547
65°	0	693	1793	1161	805
70°	0	1	104	323	178
75°	0	0	0	0	47
80°	0	0	0	0	84
85°	0	0	0	0	34



## Klassifisering

CIE: 739 / 985 / 1000 / 1000 / 1000

CIE FLUXCODE : 0.74 / 0.99 / 1.00 / 1.00 / 1.00

BZ: BZ2/0.8/BZ1

CAE: Symmetrical

DIN: A60 (Nach Arbeitsblatt 7)

DIN\_U: Phi u = 1.00

DIN\_SU: Phi su = 0.73

UTE: 1.00 B + 0.00 T

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Lifetime Data (Tq=25.0°C)

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

UGR klassificering <=

Corrected Glare Ratings for a Total Lamp Flux of 2800lm (S = 0.25H)

	Room Reflection Factors (%)														
	Ceiling	Walls	Floor	70	70	50	50	30	30	70	70	50	50	30	30
	70	70	50	50	30	70	70	50	50	30	70	70	50	50	30
	50	30	50	30	30	50	30	50	30	50	30	50	30	30	30
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Room Dimensions	Viewed Crosswise					Viewed Endwise									
X = 2H Y = 2H	17.8	19.3	18.1	19.6	19.8	18.1	19.6	18.4	19.9	20.1					
Y = 3H	17.6	19.0	17.9	19.3	19.5	17.9	19.3	18.2	19.6	19.9					
Y = 4H	17.5	18.8	17.9	19.1	19.4	17.8	19.1	18.2	19.4	19.7					
Y = 6H	17.4	18.6	17.8	18.9	19.2	17.7	18.9	18.1	19.2	19.6					
Y = 8H	17.4	18.5	17.8	18.8	19.2	17.7	18.8	18.1	19.2	19.5					
Y = 12H	17.4	18.4	17.7	18.8	19.1	17.7	18.8	18.1	19.1	19.4					
X = 4H Y = 2H	17.8	19.0	18.1	19.3	19.6	18.0	19.3	18.4	19.6	19.9					
Y = 3H	17.6	18.7	18.0	19.0	19.4	17.9	19.0	18.3	19.3	19.6					
Y = 4H	17.5	18.5	17.9	18.8	19.2	17.8	18.7	18.2	19.1	19.5					
Y = 6H	17.5	18.3	17.9	18.7	19.1	17.8	18.6	18.2	18.9	19.3					
Y = 8H	17.4	18.2	17.9	18.6	19.0	17.7	18.5	18.1	18.9	19.3					
Y = 12H	17.4	18.1	17.9	18.5	19.0	17.7	18.4	18.1	18.8	19.2					
X = 8H Y = 4H	17.4	18.2	17.9	18.6	19.0	17.7	18.5	18.1	18.9	19.3					
Y = 6H	17.4	18.0	17.8	18.4	18.9	17.7	18.3	18.1	18.7	19.2					
Y = 8H	17.3	17.9	17.8	18.3	18.8	17.6	18.2	18.1	18.6	19.1					
Y = 12H	17.3	17.8	17.8	18.3	18.8	17.6	18.1	18.1	18.5	19.1					
X = 12H Y = 4H	17.4	18.1	17.9	18.5	19.0	17.7	18.4	18.1	18.8	19.2					
Y = 6H	17.3	17.9	17.8	18.3	18.8	17.6	18.2	18.1	18.6	19.1					
Y = 8H	17.3	17.8	17.8	18.3	18.8	17.6	18.1	18.1	18.5	19.1					
<b>UGR Variations with Observer Position for Luminaire Spacings S</b>															
S = 1.0H	+1.7		-3.5		+1.3		-3.3								
S = 1.5H	+3.1		-16.5		+2.5		-12.2								
S = 2.0H	+4.6		-76.4		+4.1		-17.1								

Ljusstyrka i cd

Intensity for 2800lm

Gamma	C0	C45	C90
0°	1805.5	1805.5	1805.5
5°	1789.4	1787.2	1788.1
10°	1746.1	1740.2	1742.3
15°	1670.4	1671.8	1667.7
20°	1567.8	1575.3	1557.1
25°	1444.5	1454.1	1424.4
30°	1266.7	1307.1	1255.6
35°	1102.6	1148.5	1059.0
40°	867.8	969.9	845.9
45°	623.9	769.1	636.3
50°	298.5	566.0	422.8
55°	185.6	368.2	187.1
60°	41.0	171.9	59.3
65°	0.0	58.0	26.1
70°	0.0	2.7	4.7
75°	0.0	0.0	0.9
80°	0.0	0.0	1.1
85°	0.0	0.0	0.2
90°	0.0	0.0	0.0

Colour properties

Correlated Colour Temperature : 4000

Ra: 80



## Verkningsgrad

Utilisation Factors according to IES (%)

	Room Reflection Factors (%)									
	80	80	80	50	50	50	30	30	30	0
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	109	107	105	102	101	100	99	97	97	91
2	99	95	92	94	91	89	91	88	86	82
3	90	85	81	86	82	79	83	80	77	73
4	82	76	72	78	74	70	76	72	69	66
5	75	69	64	72	67	63	70	66	62	59
6	69	62	58	66	61	57	65	60	56	54
7	64	57	52	61	56	52	60	55	51	49
8	59	52	47	57	51	47	56	50	47	45
9	55	48	43	53	47	43	52	47	43	41
10	51	44	40	49	44	40	49	43	39	38

Utilisation Factors according to LiTG (%)

	Room Reflection Factors (%)									
	80	80	80	50	50	50	50	50	30	0
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	62	55	59	53	60	54	58	53	52	47
0.80	74	67	70	64	71	65	68	63	63	57
1.00	83	75	77	71	79	73	75	70	70	65
1.25	92	85	85	80	87	82	82	79	78	73
1.50	98	91	89	85	92	87	86	83	82	78
2.00	105	99	94	90	98	93	91	88	87	83
2.50	110	104	97	94	102	98	94	92	91	87
3.00	114	109	100	97	105	102	97	95	94	90
4.00	117	113	101	99	108	105	98	97	95	92
5.00	120	117	103	101	110	107	100	99	97	94

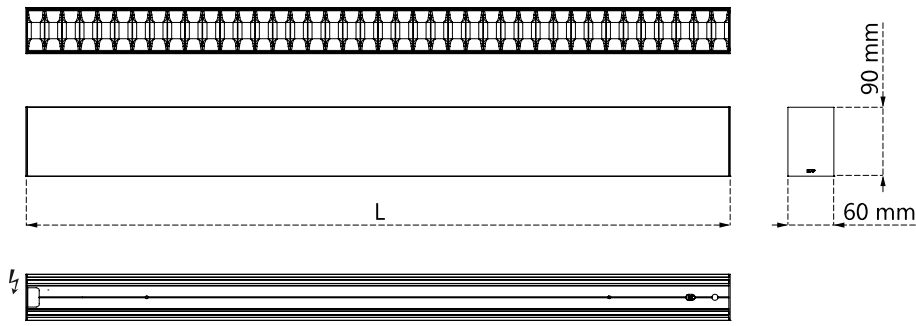
## Tillbehör

V3H2500 *Fästen för takmontage*

V3H9900 *Installationsmanual*

V3H9960 *Verktyg*

## Måttskiss



CODE	L
V3R[S,B,A]*0*/*2*	915 mm
V3R[S,B,A]*0*/*3*	1371 mm
V3R[S,B,A]*0*/*4*	1827 mm
V3R[S,B,A]*0*/*5*	2283 mm
V3R[S,B,A]*0*/*6*	2739 mm