

V3SDJ0M/W5LLD0X1



pendelarmatuur • langwerpig

Toepassing : Werkruimten, Auditoria, Algemene onderwijsruimten, Ruimten voor algemene gezondheidszorg

behuizing: gelakt aluminium

lichtbron : led • 3000 K

optiek : diffusor • Opaal acrylaat (PMMA) • breedstralend

UGR classificatie : <=19

lichtstroom: 4900 lm

efficiëntie : 130 lm/W

LLMF: 97% @ 50khrs (Tq=25°C)

Product information

Mechanische eigenschappen

afmetingen : 1403 mm x 60 mm x 90 mm

kleur: RAL9003 - signaalwit (structuurlak)

type : individueel armatuur

IP: IP20

IK: IK07

Elektrische uitrusting

driver: DALI dimbaar

opgenomen vermogen : 37.8 W

spanning : 220-240V

frequentie : 50-60Hz AC

fotobiologische veiligheid : EN 62471: RISK GROUP 1 UNLIMITED

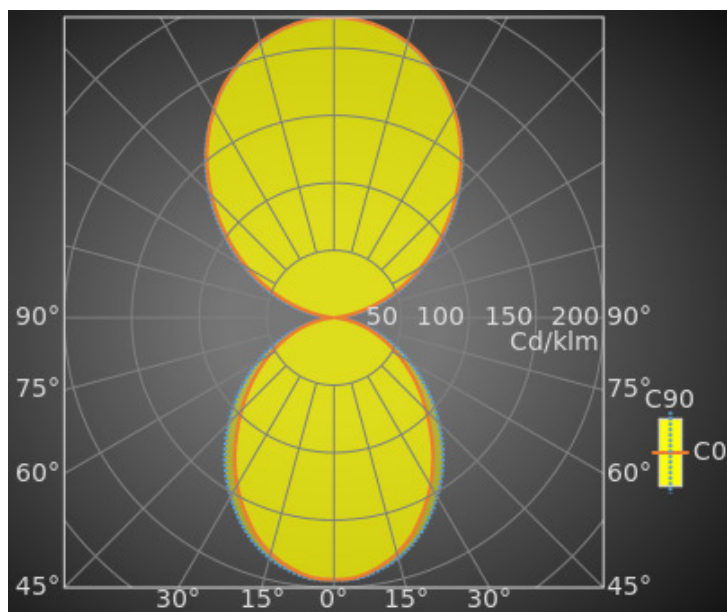
Luminantie

lichtstroom : 4900 lm

efficiëntie : 130 lm/W

UGR classificatie =: <=19

lichtgevende oppervlakte : 0.08 m²



Average Luminances (Cd/m²) for 4900lm

Gamma	C0	C30	C45	C60	C90
45°	8270	8537	8800	9074	9390
50°	7744	8007	8255	8565	8914
55°	7211	7450	7725	8025	8388
60°	6676	6898	7178	7477	7849
65°	6120	6351	6611	6914	7266
70°	5514	5727	5961	6261	6616
75°	4817	4975	5180	5466	5843
80°	3916	4068	4225	4461	4834
85°	2663	2821	3006	3247	3645

Classificaties

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	97	9
60	97	11

Lichtsterkten in cd

Intensity for 4900lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	951.2	951.2	951.2	90°	1.0	1.6	4.2
5°	946.2	948.3	951.4	95°	9.8	14.6	29.7
10°	921.8	926.1	932.2	100°	55.1	69.5	83.6
15°	885.8	893.0	904.4	105°	122.7	137.9	149.6
20°	836.1	848.2	863.1	110°	198.7	213.8	223.2
25°	771.4	791.4	811.3	115°	279.6	294.7	300.9
30°	703.6	727.4	750.4	120°	364.1	377.4	383.5
35°	628.8	657.8	686.8	125°	450.7	463.4	468.2
40°	549.9	582.1	615.1	130°	539.6	551.0	554.2
45°	474.8	505.3	539.2	135°	629.1	638.5	641.7
50°	404.2	430.9	465.3	140°	718.0	722.4	725.3
55°	335.9	359.8	390.7	145°	799.0	803.4	803.6
60°	271.1	291.4	318.7	150°	872.2	874.2	871.1
65°	210.0	226.9	249.4	155°	937.9	937.5	931.2
70°	153.1	165.5	183.7	160°	990.1	990.7	982.7
75°	101.2	108.9	122.8	165°	1035.1	1034.4	1025.7
80°	55.2	59.6	68.2	170°	1065.4	1063.6	1064.8
85°	18.8	21.3	25.8	175°	1084.8	1084.2	1083.8
90°	1.0	1.6	4.2	180°	1091.5	1091.5	1091.5

UGR classificatie =

Corrected Glare Ratings for a Total Lamp Flux of 4900lm (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	15.2	16.1	16.1	17.0	17.9	15.9	16.8	16.9	17.8	18.7
Y = 3H	16.3	17.1	17.2	18.0	19.0	17.2	18.0	18.1	18.9	19.8
Y = 4H	16.6	17.4	17.6	18.4	19.3	17.6	18.3	18.5	19.3	20.2
Y = 6H	16.8	17.5	17.8	18.5	19.4	17.8	18.5	18.8	19.5	20.4
Y = 8H	16.9	17.5	17.9	18.5	19.5	17.9	18.5	18.9	19.5	20.5
Y = 12H	16.8	17.5	17.8	18.5	19.4	17.9	18.5	18.9	19.5	20.4
X = 4H Y = 2H	15.6	16.4	16.6	17.4	18.3	16.2	17.0	17.2	18.0	18.9
Y = 3H	16.9	17.5	17.9	18.5	19.5	17.6	18.2	18.6	19.2	20.2
Y = 4H	17.3	17.9	18.3	18.9	19.9	18.1	18.7	19.2	19.7	20.7
Y = 6H	17.6	18.1	18.6	19.1	20.1	18.5	19.0	19.5	20.0	21.0
Y = 8H	17.7	18.1	18.7	19.1	20.1	18.6	19.0	19.6	20.0	21.0
Y = 12H	17.7	18.1	18.7	19.1	20.1	18.6	19.0	19.6	20.0	21.0
X = 8H Y = 4H	17.5	17.9	18.5	18.9	19.9	18.2	18.6	19.2	19.7	20.7
Y = 6H	17.8	18.2	18.9	19.3	20.3	18.6	19.0	19.7	20.0	21.1
Y = 8H	17.9	18.2	19.0	19.3	20.3	18.8	19.1	19.8	20.1	21.2
Y = 12H	18.0	18.2	19.0	19.3	20.4	18.8	19.1	19.9	20.2	21.2
X = 12H Y = 4H	17.4	17.8	18.5	18.9	19.9	18.1	18.5	19.2	19.6	20.6
Y = 6H	17.8	18.1	18.9	19.2	20.2	18.6	18.9	19.7	20.0	21.0
Y = 8H	17.9	18.2	19.0	19.3	20.3	18.7	19.0	19.8	20.1	21.1
	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		

Kleureigenschappen

Correlated Colour Temperature : 3000

Ra: CRI (Ra) 80

Rendement

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

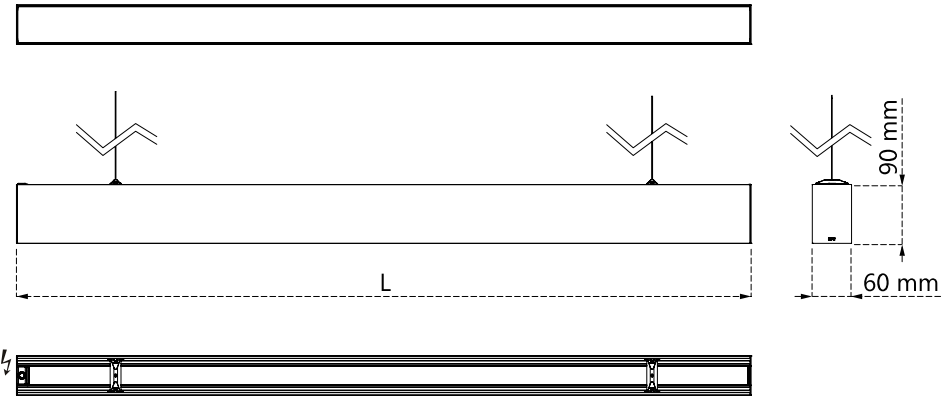
Accessoires

ACC-HI00-X01 *Plafondkap voor pendelarmaturen (R7/R3/Ley) - 5-polig aansluitblok - RAL9003 Signaalwit*

V3-HI01-5P-1500 *Ophangkabelset voor Ley individual - te combineren met plafondkap - 5 polige stroomkabel - 2 staalkabels - 1 kabelhouder - max. 1,5m*

V3-HI02-5P-1500 *Ophangkabelset voor Ley individual - minimalistisch : geen plafondkap - 5 polige stroomkabel - 2 staalkabels - 2 kabelhouders - max. 1,5m*

Maatschets



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