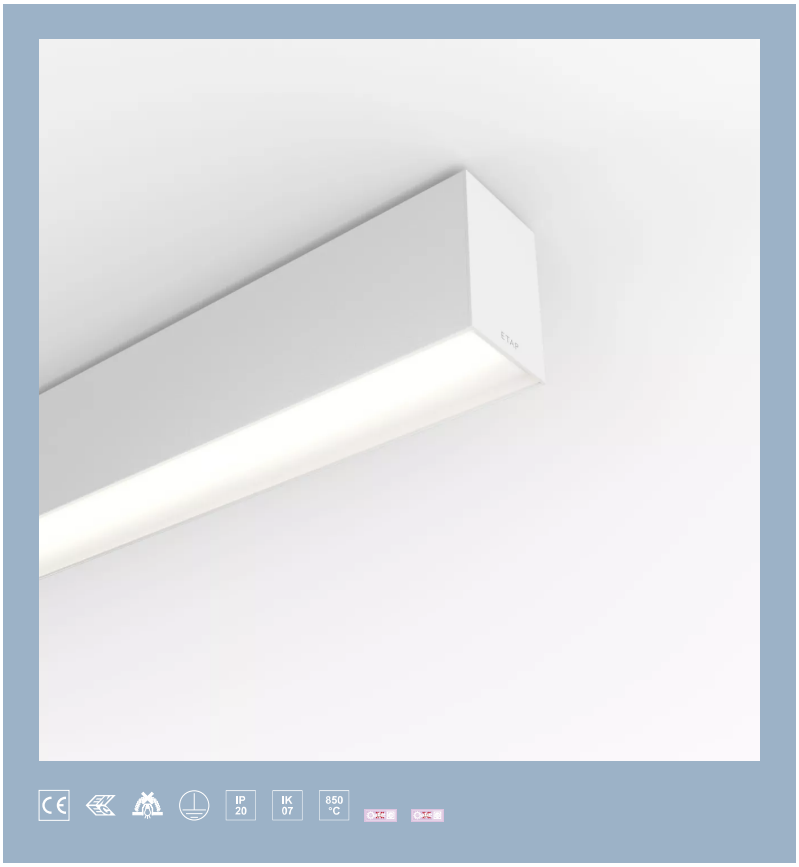
V3RDJ0M/N0L0D0X1



luminária de montagem saliente • linear

aplicação : Espaços de trabalho, Auditórios, Áreas de educação gerais, Áreas de saúde gerais

base: alumínio lacado

fonte de luz : LED • 4000 K

óptica : difusor • Acrílico (PMMA) opalino • extensiva

classificação UGR : <=25

fluxo luminoso: 4700 lm

fluxo luminoso específico : 124 lm/W

LLMF: 98% @ 50khrs (Tq=25°C)

Product information

Medidas

dimensões : 2803 mm x 60 mm x 90 mm

cor: RAL9003 - branco (texturado)

tipo : luminária individual

IP: IP20

IK: IK07

Equipamento eléctrico

driver: DALI regulável

potência : 37.9 W

tensão : 220-240V

frequência : 50-60Hz AC

segurança fotobiológica : EN 62471: RISK GROUP 1 UNLIMITED

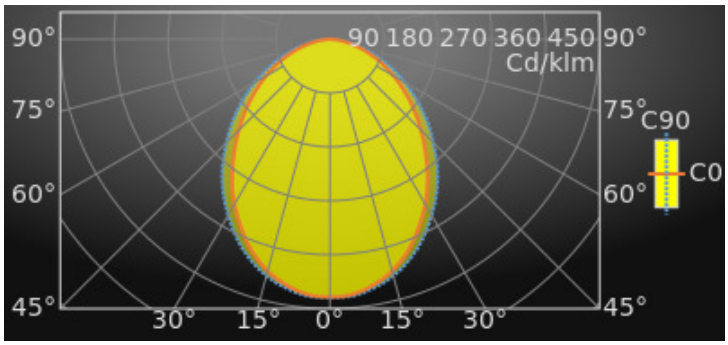
Luminance

fluxo luminoso : 4700 lm

fluxo luminoso específico : 124 lm/W

classificação UGR =: <=25

área luminosa : 0.16 m²



Average Luminances (Cd/m²) for 4700lm

Gamma	C0	C30	C45	C60	C90
45°	8798	9082	9361	9652	9989
50°	8240	8520	8784	9113	9485
55°	7677	7931	8223	8543	8929
60°	7114	7350	7648	7966	8363
65°	6533	6779	7057	7379	7756
70°	5907	6136	6386	6706	7087
75°	5200	5372	5593	5900	6306
80°	4307	4472	4644	4901	5307
85°	3107	3286	3494	3767	4212

Classificações

CIE: 530 / 829 / 967 / 1000 / 1000

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

BZ: BZ4/1.25/BZ3/1.5/BZ4

CAE: Symmetrical

DIN: A40 (Nach Arbeitsblatt 7)

DIN_U: Phi u = 1.00

DIN_SU: Phi su = 0.59

UTE: 1.00 D + 0.00 T

Lifetime Data (Tq=25.0°C)

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

Intensidades luminosas em cd

Intensity for 4700lm

Gamma	C0	C45	C90
0°	2023.4	2023.4	2023.4
5°	2012.8	2017.2	2023.9
10°	1960.8	1970.0	1982.9
15°	1884.4	1899.6	1923.8
20°	1778.6	1804.3	1836.1
25°	1640.9	1683.5	1725.8
30°	1496.7	1547.3	1596.4
35°	1337.6	1399.3	1460.9
40°	1169.8	1238.4	1308.6
45°	1010.3	1075.0	1147.1
50°	860.2	916.9	990.1
55°	715.1	766.0	831.7
60°	577.6	621.0	679.1
65°	448.4	484.3	532.3
70°	328.1	354.7	393.6
75°	218.6	235.1	265.1
80°	121.5	131.0	149.7
85°	44.0	49.5	59.6
90°	0.1	0.1	0.6

classificação UGR =

Corrected Glare Ratings for a Total Lamp Flux of 4700lm (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	19.2	20.9	19.5	21.2	21.4	19.9	21.7	20.3	21.9	22.2
Y = 3H	20.4	21.9	20.7	22.2	22.5	21.3	22.8	21.6	23.1	23.4
Y = 4H	20.8	22.3	21.2	22.6	22.9	21.7	23.2	22.1	23.5	23.9
Y = 6H	21.1	22.5	21.4	22.8	23.1	22.1	23.5	22.4	23.8	24.1
Y = 8H	21.1	22.5	21.5	22.8	23.2	22.1	23.5	22.5	23.8	24.2
Y = 12H	21.2	22.5	21.6	22.8	23.1	22.2	23.5	22.6	23.8	24.2
X = 4H Y = 2H	19.8	21.3	20.1	21.6	21.9	20.4	21.9	20.7	22.2	22.5
Y = 3H	21.2	22.4	21.6	22.8	23.1	21.9	23.2	22.3	23.5	23.9
Y = 4H	21.7	22.9	22.1	23.2	23.6	22.5	23.7	22.9	24.0	24.4
Y = 6H	22.1	23.1	22.5	23.5	23.9	23.0	24.0	23.4	24.4	24.8
Y = 8H	22.2	23.1	22.6	23.6	24.0	23.1	24.0	23.5	24.5	24.9
Y = 12H	22.2	23.1	22.7	23.5	24.0	23.2	24.0	23.6	24.5	24.9
X = 8H Y = 4H	22.0	22.9	22.4	23.3	23.7	22.7	23.7	23.1	24.1	24.5
Y = 6H	22.5	23.3	22.9	23.7	24.2	23.3	24.1	23.7	24.5	25.0
Y = 8H	22.6	23.3	23.1	23.8	24.3	23.5	24.2	23.9	24.6	25.1
Y = 12H	22.7	23.3	23.2	23.8	24.3	23.6	24.2	24.1	24.7	25.2
X = 12H Y = 4H	22.0	22.8	22.4	23.3	23.7	22.7	23.6	23.2	24.0	24.4
Y = 6H	22.5	23.2	23.0	23.7	24.2	23.3	24.0	23.8	24.4	24.9
Y = 8H	22.7	23.3	23.2	23.8	24.3	23.5	24.1	24.0	24.6	25.1
	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		-0.4		
S = 2.0H	+0.5		-0.9			+0.5		-0.8		

Colour properties

Correlated Colour Temperature : 4000

Ra: CRI (Ra) 80

Eficiência

Utilisation Factors according to IES (%)

	Room Reflection Factors (%)									
Ceiling Walls Floor	80 50 20	80 30 20	80 10 20	50 50 20	50 30 20	50 10 20	30 50 20	30 30 20	30 10 20	0 0 0
RCR = 1	104	101	99	98	95	94	94	92	91	85
2	91	86	82	86	82	79	83	79	77	72
3	80	74	69	76	71	67	73	69	66	62
4	72	64	59	68	62	58	66	61	57	53
5	65	57	51	61	55	50	59	54	50	47
6	59	51	45	56	49	44	54	48	44	41
7	53	45	40	51	44	39	50	44	39	37
8	49	41	36	47	40	35	46	40	35	33
9	45	38	32	43	37	32	42	36	32	30
10	42	34	30	40	34	29	39	33	29	27

Utilisation Factors according to LiTG (%)

	Room Reflection Factors (%)									
Ceiling **Walls** **Floor**	80 50 30	80 30 30	80 50 10	50 30 10	50 50 30	50 30 30	50 50 10	50 30 10	30 30 10	0 0 0
k = 0.60	51	42	48	41	49	41	47	40	40	34
0.80	62	53	58	51	59	51	56	50	49	43
1.00	71	62	66	58	67	59	63	57	56	50
1.25	81	72	74	67	76	69	71	66	65	59
1.50	87	78	79	73	81	75	76	71	70	64
2.00	96	88	85	80	89	83	82	78	77	71
2.50	102	95	90	85	94	89	87	83	82	77
3.00	107	101	94	90	98	94	90	87	86	81
4.00	112	106	97	93	102	98	93	91	89	85
5.00	116	111	99	96	105	102	96	94	92	88

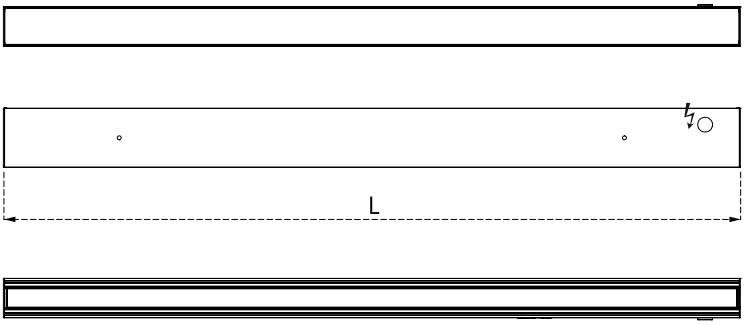
Acessórios

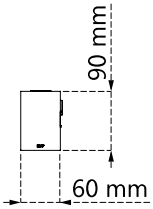
V3H2500 *Suportes de montagem no teto*

V3H9900 *Manual de instalação*

V3H9960 *Ferramenta de instalação*

Esboço





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