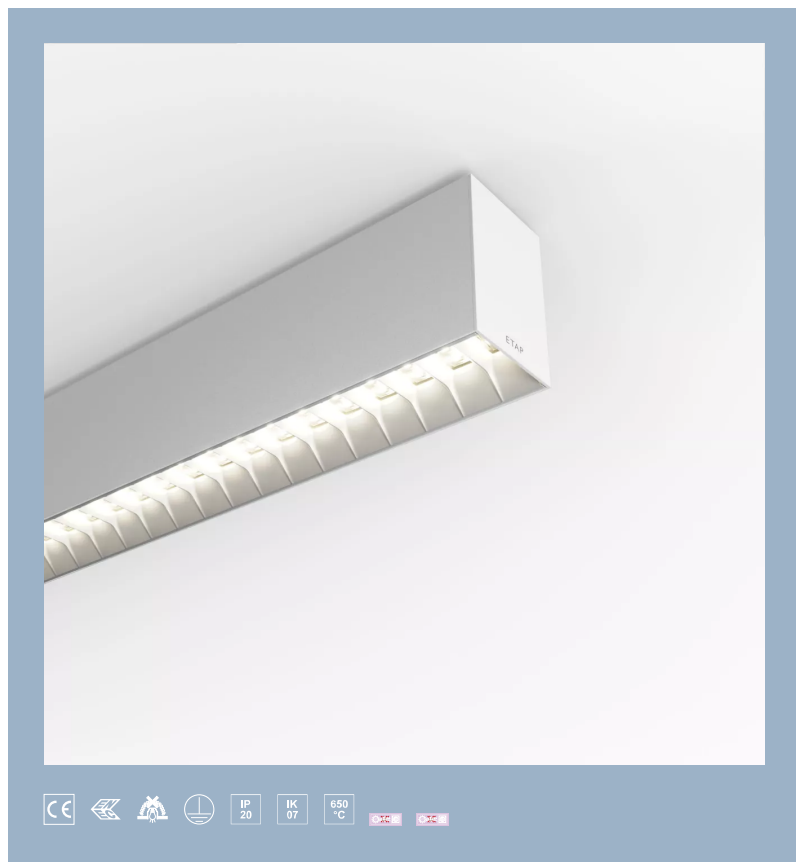


V3RS10M/N3M0D0X1



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 : Shielded lens • Branco policarbonato (PC) • extensiva média

classificação UGR : <=19

fluxo luminoso: 2850 lm

fluxo luminoso específico : 138 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

Product information

Medidas

dimensões : 1371 mm x 60 mm x 90 mm

cor: RAL9003 - branco (texturado)

tipo : luminária individual

IP: IP20

IK: IK07

Equipamento eléctrico

driver: DALI regulável

potência : 20.7 W

tensão : 220-240V

frequência : 50-60Hz AC

segurança fotobiológica : EN 62471: RISK GROUP 1 UNLIMITED

Luminance

fluxo luminoso : 2850 lm

fluxo luminoso específico : 138 lm/W

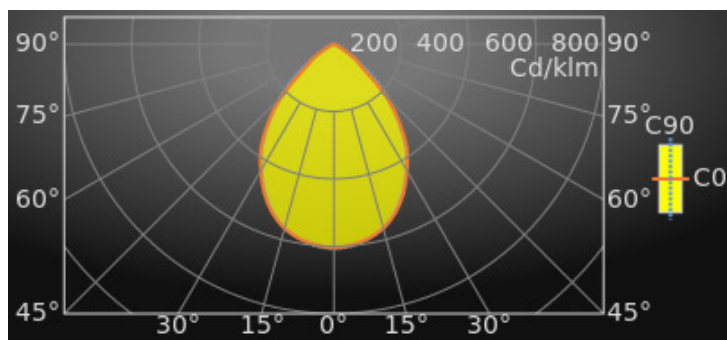
luminância @ 65° = : 3000 cd/m²

classificação UGR =: <=19

área luminosa : 0.08 m²

Average Luminances (Cd/m²) for 2850lm

Gamma	C0	C30	C45	C60	C90
45°	11658	13635	14445	13622	11888
50°	6711	10890	11880	11311	9325
55°	4964	6477	9158	8707	5490
60°	2145	4531	5537	4652	2770
65°	953	1677	2929	2358	2122
70°	661	805	1085	1526	1474
75°	515	571	691	927	1184
80°	348	430	486	599	995
85°	1	5	58	261	704



Classificações

CIE: 709 / 966 / 997 / 1000 / 1000

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

BZ: BZ2

CAE: Symmetrical

DIN: A60 (Nach Arbeitsblatt 7)

DIN_U: Phi u = 1.00

DIN_SU: Phi su = 0.71

UTE: 1.00 C + 0.00 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	10
60	96	12

Intensidades luminosas em cd

Intensity for 2850lm

Gamma	C0	C45	C90
0°	1724.9	1724.9	1724.9
5°	1706.8	1707.3	1713.2
10°	1671.2	1666.0	1667.9
15°	1612.9	1610.1	1606.5
20°	1518.8	1526.9	1501.8
25°	1391.0	1417.8	1366.7
30°	1233.1	1282.9	1217.8
35°	1072.2	1131.1	1042.8
40°	857.0	971.3	838.5
45°	631.5	782.5	644.0
50°	330.5	585.0	459.2
55°	218.1	402.4	241.2
60°	82.2	212.1	106.1
65°	30.8	94.8	68.7
70°	17.3	28.4	38.6
75°	10.2	13.7	23.5
80°	4.6	6.5	13.2
85°	0.0	0.4	4.7
90°	0.0	0.0	0.0

classificação UGR =

Corrected Glare Ratings for a Total Lamp Flux of 2850lm (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	18.0	19.6	18.4	19.9	20.1	18.5	20.1	18.8	20.3	20.6
Y = 3H	17.9	19.3	18.2	19.6	19.9	18.5	19.9	18.8	20.2	20.4
Y = 4H	17.8	19.1	18.2	19.4	19.7	18.4	19.7	18.8	20.0	20.3
Y = 6H	17.7	19.0	18.1	19.3	19.6	18.4	19.6	18.7	19.9	20.2
Y = 8H	17.7	18.9	18.1	19.2	19.5	18.3	19.5	18.7	19.8	20.2
Y = 12H	17.7	18.8	18.1	19.1	19.5	18.3	19.4	18.7	19.7	20.1
X = 4H Y = 2H	18.1	19.4	18.5	19.7	20.0	18.5	19.9	18.9	20.1	20.5
Y = 3H	18.0	19.1	18.4	19.5	19.8	18.5	19.6	18.9	20.0	20.3
Y = 4H	18.0	18.9	18.4	19.3	19.7	18.5	19.5	18.9	19.8	20.2
Y = 6H	17.9	18.7	18.3	19.1	19.5	18.5	19.3	18.9	19.7	20.1
Y = 8H	17.9	18.7	18.3	19.0	19.5	18.5	19.3	18.9	19.7	20.1
Y = 12H	17.8	18.5	18.3	19.0	19.4	18.5	19.2	18.9	19.6	20.0
X = 8H Y = 4H	17.9	18.7	18.3	19.1	19.5	18.4	19.2	18.9	19.6	20.0
Y = 6H	17.8	18.5	18.3	18.9	19.4	18.4	19.1	18.9	19.5	20.0
Y = 8H	17.8	18.4	18.3	18.8	19.3	18.4	19.0	18.9	19.4	19.9
Y = 12H	17.8	18.3	18.3	18.7	19.3	18.4	18.9	18.9	19.3	19.9
X = 12H Y = 4H	17.8	18.6	18.3	19.0	19.4	18.4	19.1	18.9	19.5	20.0
Y = 6H	17.8	18.4	18.3	18.8	19.3	18.4	19.0	18.9	19.4	19.9
Y = 8H	17.8	18.3	18.3	18.7	19.3	18.4	18.9	18.9	19.3	19.9
	UGR Variations with Observer Position for Luminaire Spacings S									
S = 1.0H	+1.4		-2.7			+1.0		-2.1		
S = 1.5H	+2.7		-8.5			+2.0		-6.3		
S = 2.0H	+4.2		-12.3			+3.5		-7.5		

Colour properties

Correlated Colour Temperature : 4000

Ra: CRI (Ra) 80

Eficiência

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	108	106	105	102	100	99	98	97	96	90
2	98	94	91	93	90	87	90	87	85	81
3	89	84	80	84	80	77	82	78	76	72
4	81	75	70	77	72	69	75	71	68	64
5	74	67	62	70	65	61	69	64	61	58
6	67	61	56	65	59	55	63	58	55	52
7	62	55	50	60	54	50	58	53	49	47
8	57	50	46	55	49	45	54	49	45	43
9	53	46	42	52	46	41	50	45	41	39
10	50	43	38	48	42	38	47	42	38	36

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	61	53	58	51	59	52	56	51	50	45
0.80	73	65	68	62	70	63	66	61	61	55
1.00	81	73	75	69	77	71	73	68	68	62
1.25	91	83	83	78	86	80	81	77	76	71
1.50	96	89	87	83	91	86	85	81	80	76
2.00	103	97	92	89	97	92	90	87	86	81
2.50	109	103	96	93	101	97	93	91	90	86
3.00	113	108	99	96	105	101	96	94	93	89
4.00	116	112	101	99	107	104	98	96	95	91
5.00	119	116	103	101	109	107	99	98	96	93

Acessórios

V3H2500	Suportes de montagem no teto
V3H9900	Manual de instalação
V3H9960	Ferramenta de instalação



Esboço

