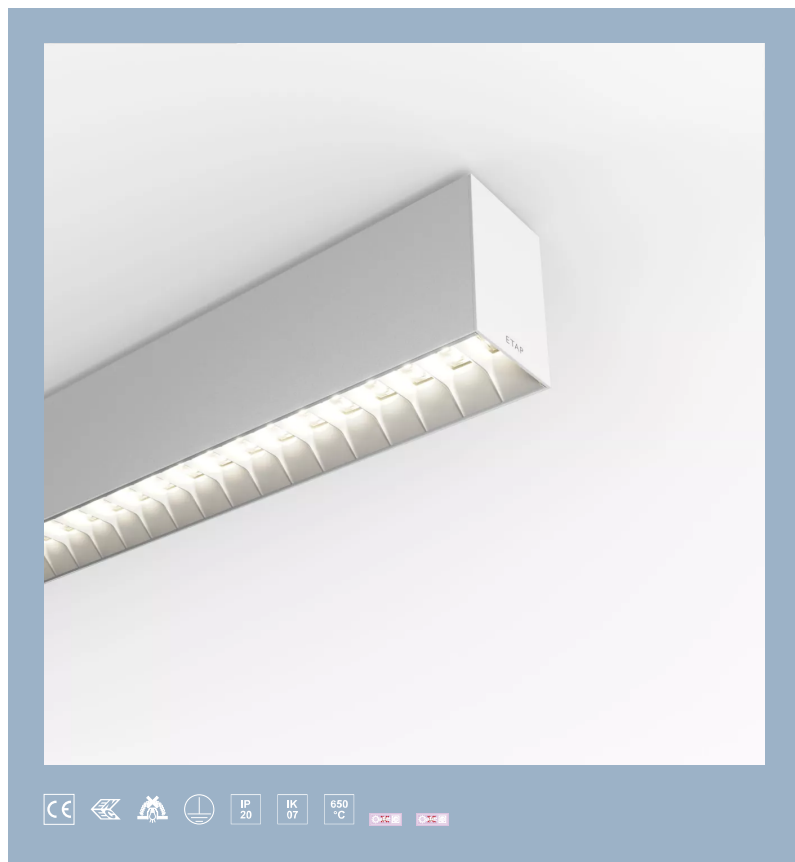


V3RS10M/N3M0D0X1



luminaria adosada • rectangular

aplicación : Áreas de trabajo, Auditorios, Espacios de enseñanza en general, Espacios sanitarios en general

carcasa: aluminio lacado

fuenta luminosa : LED • 4000 K

óptica : Shielded lens • Blanco policarbonato (PC) • extensiva media

clasificación UGR : <=19

flujo luminoso: 2850 lm

flujo luminoso específico : 138 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

Product information

Características mecánicas

dimensiones : 1371 mm x 60 mm x 90 mm

color: RAL9003 - blanco (texturizado)

tipo : luminaria individual

IP: IP20

IK: IK07

Equipo eléctrico

controlador: DALI regulable

potencia : 20.7 W

tensión : 220-240V

frecuencia : 50-60Hz AC

seguridad fotobiológica : EN 62471: RISK GROUP 1 UNLIMITED

Luminance

flujo luminoso : 2850 lm

flujo luminoso específico : 138 lm/W

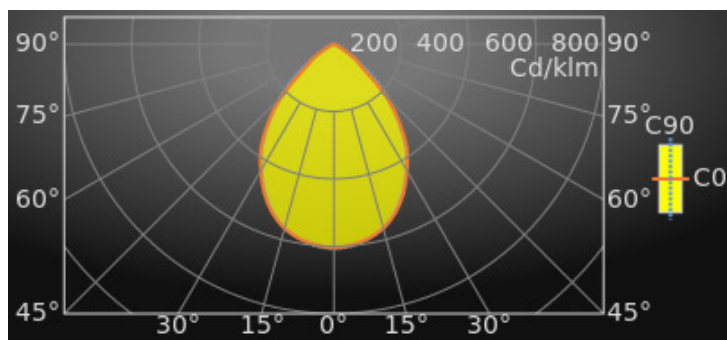
luminancia @ 65° = : 3000 cd/m²

classification UGR =: <=19

superficie luminoso : 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



Clasificaciones

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

Intensidad luminosa en 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

classification 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

Rendimiento

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

Accesorios

V3H2500 *Soportes de montaje en el techo*

V3H9900 *Archivo de instalación*

V3H9960 *Installation tool*



Esquema

