

V3RB10M/W3M0D0X0

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 • 3000 K

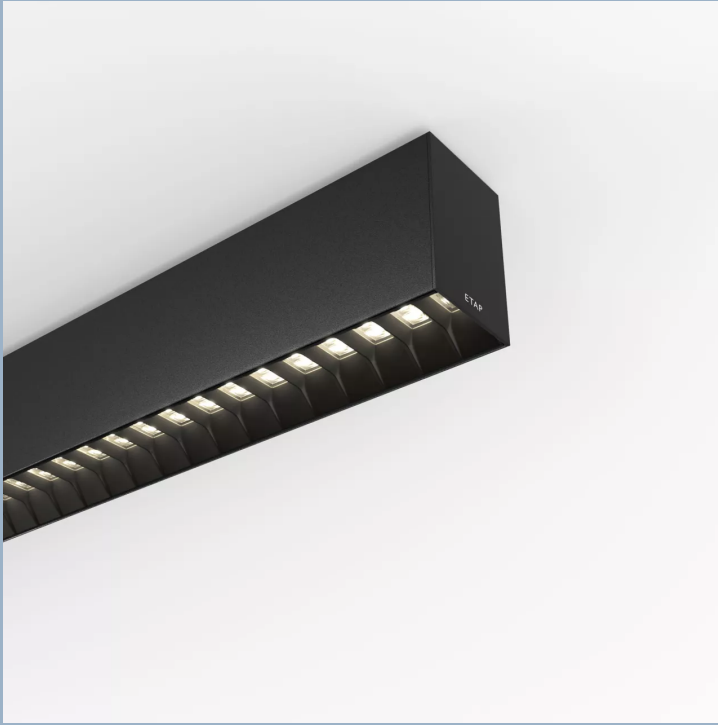
óptica : Shielded lens • Preto policarbonato (PC) • extensiva média

classificação UGR : <=19

fluxo luminoso: 2700 lm

fluxo luminoso específico : 116 lm/W

LLMF: 95% @ 50khrs (Tq=25°C)



Product information

Medidas

dimensões : 1371 mm x 60 mm x 90 mm

cor: RAL9005 - preto (texturado)

tipo : luminária individual

IP: IP20

IK: IK07

Equipamento eléctrico

driver: DALI regulável

potência : 23.3 W

tensão : 220-240V

frequência : 50-60Hz AC

segurança fotobiológica : EN 62471: RISK GROUP 1 UNLIMITED

Luminance

fluxo luminoso : 2700 lm

fluxo luminoso específico : 116 lm/W

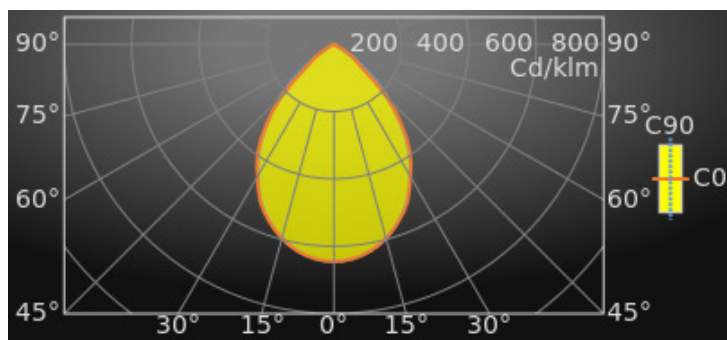
luminância @ 65° = : 3000 cd/m²

classificação UGR =: <=19

área luminosa : 0.08 m²

Average Luminances (Cd/m²) for 2700lm

Gamma	C0	C30	C45	C60	C90
45°	11106	13029	13690	12866	11326
50°	5846	9878	11084	10380	8280
55°	4073	5495	8081	7362	4107
60°	1032	3546	4326	3298	1492
65°	0	668	1729	1119	776
70°	0	1	100	311	171
75°	0	0	0	0	45
80°	0	0	0	0	81
85°	0	0	0	0	32



Classificações

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

Lifetime Data (Tq=25.0°C)

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

Intensidades luminosas em cd

Intensity for 2700lm

Gamma	C0	C45	C90
0°	1741.0	1741.0	1741.0
5°	1725.5	1723.3	1724.3
10°	1683.7	1678.0	1680.1
15°	1610.8	1612.1	1608.1
20°	1511.8	1519.1	1501.4
25°	1392.9	1402.2	1373.5
30°	1221.5	1260.4	1210.7
35°	1063.2	1107.5	1021.2
40°	836.8	935.2	815.7
45°	601.6	741.6	613.5
50°	287.9	545.8	407.7
55°	179.0	355.1	180.4
60°	39.5	165.7	57.1
65°	0.0	56.0	25.1
70°	0.0	2.6	4.5
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

classificação UGR =

Corrected Glare Ratings for a Total Lamp Flux of 2700lm (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	17.6	19.2	17.9	19.4	19.7	17.9	19.5	18.2	19.7	20.0
Y = 3H	17.5	18.8	17.8	19.1	19.4	17.8	19.2	18.1	19.4	19.7
Y = 4H	17.4	18.7	17.7	19.0	19.3	17.7	19.0	18.1	19.3	19.6
Y = 6H	17.3	18.5	17.7	18.8	19.1	17.6	18.8	18.0	19.1	19.4
Y = 8H	17.3	18.4	17.6	18.7	19.1	17.6	18.7	18.0	19.0	19.4
Y = 12H	17.2	18.3	17.6	18.6	19.0	17.6	18.6	17.9	19.0	19.3
X = 4H Y = 2H	17.6	18.9	18.0	19.2	19.5	17.9	19.2	18.2	19.5	19.8
Y = 3H	17.5	18.6	17.9	18.9	19.2	17.8	18.8	18.1	19.2	19.5
Y = 4H	17.4	18.4	17.8	18.7	19.1	17.7	18.6	18.1	19.0	19.3
Y = 6H	17.4	18.2	17.8	18.5	18.9	17.6	18.4	18.0	18.8	19.2
Y = 8H	17.3	18.1	17.8	18.5	18.9	17.6	18.3	18.0	18.7	19.2
Y = 12H	17.3	18.0	17.7	18.4	18.8	17.6	18.2	18.0	18.7	19.1
X = 8H Y = 4H	17.3	18.1	17.8	18.5	18.9	17.6	18.3	18.0	18.7	19.2
Y = 6H	17.3	17.9	17.7	18.3	18.8	17.5	18.1	18.0	18.6	19.0
Y = 8H	17.2	17.8	17.7	18.2	18.7	17.5	18.0	18.0	18.5	19.0
Y = 12H	17.2	17.7	17.7	18.1	18.7	17.5	17.9	18.0	18.4	18.9
X = 12H Y = 4H	17.3	18.0	17.7	18.4	18.8	17.6	18.2	18.0	18.7	19.1
Y = 6H	17.2	17.8	17.7	18.2	18.7	17.5	18.0	18.0	18.5	19.0
Y = 8H	17.2	17.7	17.7	18.1	18.7	17.5	17.9	18.0	18.4	18.9
	UGR Variations with Observer Position for Luminaire Spacings S									
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		

Colour properties

Correlated Colour Temperature : 3000

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	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 (%)									
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

Acessórios

V3H2500 *Suportes de montagem no teto*

V3H9900 *Manual de instalação*

V3H9960 *Ferramenta de instalação*



Esboço

