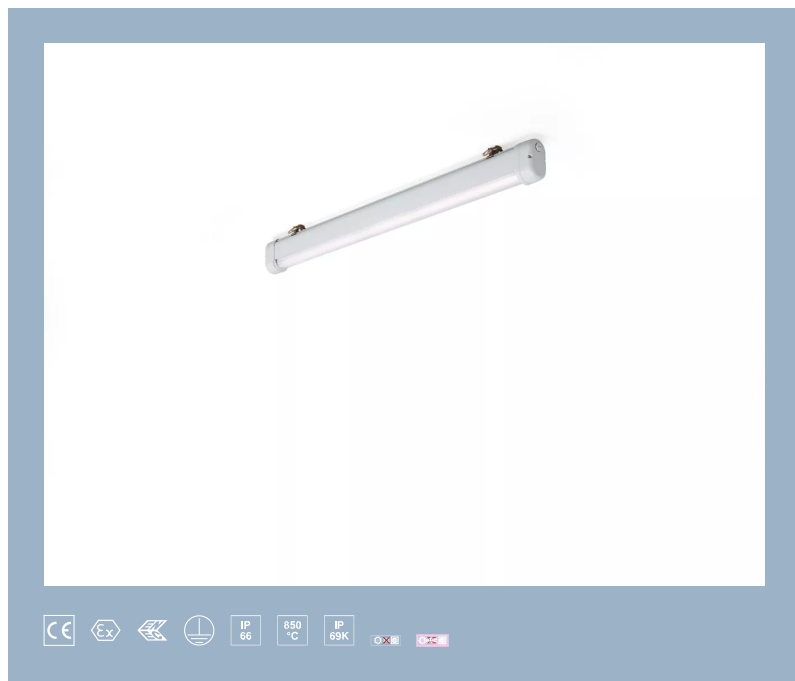


E22/LED5N075D-ATEX1



luminária de montagem saliente • linear

aplicação : Ambientes ATEX

base: alumínio lacado

fonte de luz : LED • 4000 K

óptica : lente linear • Policarbonato (PC) • extensiva

classificação UGR : <=25

fluxo luminoso: 8300 lm

fluxo luminoso específico : 132 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

Product information

Medidas

dimensões : 1370 mm x 80 mm x 135 mm

cor: RAL7035 - cinzento

tipo : luminária individual

IP: IP66, IP69K

temperatura ambiental: -20°C - 40°C •

ATEX : II 2D Ex tb IIIC T80°C Db, II 3G Ex ec IIC T4 Gc

Equipamento eléctrico

driver: DALI regulável

potência : 63 W

tensão : 220-240V

frequência : 50-60Hz AC

segurança fotobiológica : EN 62471: RISK GROUP 1
UNLIMITED

Luminance

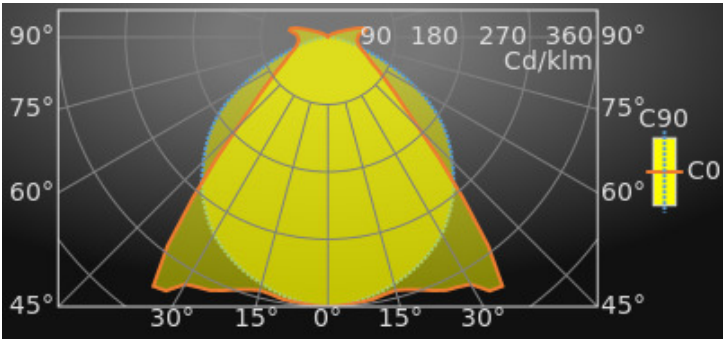
fluxo luminoso : 8300 lm

fluxo luminoso específico : 132 lm/W

classificação UGR =: <=25

área luminosa : 0.08 m²

Gamma	Average Luminances (Cd/m²) for 8300lm				
	C0	C30	C45	C60	C90
45°	16742	21582	29709	33828	33381
50°	12031	14509	20027	28626	32595
55°	9383	10789	14003	21686	31061
60°	7698	8679	10526	16124	27681
65°	6897	7305	8430	12004	22648
70°	6316	6696	7265	9211	17381
75°	6257	6314	6567	7418	12885
80°	6596	6201	6274	6373	9075
85°	7373	6589	6226	5788	4526



Classificações

CIE: 528 / 803 / 898 / 942 / 1001

CIE FLUXCODE : 0.56 / 0.85 / 0.95 / 0.94 / 1.00

BZ: BZ4/0.8/BZ3/1/BZ4/1.25/BZ3/1.5/BZ4

CAE: CAE 3/5°/CAE 2/15°/CAE 1/35°/CAE 2/65°/CAE 3

DIN: A40 (Nach Arbeitsblatt 7 und 8)

DIN_U: Phi u = 0.94

DIN_SU: Phi su = 0.60

UTE: 0.94 D + 0.06 T



ETAP redigiu o presente documento com o maior cuidado. No entanto, as informações contidas nesta publicação são de caráter informativo e podem sofrer alterações em função da evolução técnica. ETAP não se responsabiliza por danos de qualquer espécie, resultantes da utilização deste documento.
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Lifetime Data (Tq=25.0°C)

Time(khrs)	LLMF(%)	Cx(%)
10	99	1
20	98	2
30	98	3
40	97	4
50	96	5
60	96	6

Intensidades luminosas em cd

Intensity for 8300lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	2987.0	2987.0	2987.0	90°	334.2	180.2	2.0
5°	2969.1	2954.0	2959.9	95°	345.5	152.6	0.0
10°	2946.8	2945.7	2906.3	100°	429.2	147.0	0.0
15°	2906.4	2878.6	2831.8	105°	391.0	143.1	0.0
20°	2980.3	2803.7	2749.7	110°	237.9	141.3	0.0
25°	3096.9	2826.3	2646.8	115°	143.5	115.9	0.0
30°	3162.5	2884.0	2524.3	120°	93.1	69.9	0.0
35°	3370.6	2858.7	2356.6	125°	61.4	36.3	0.0
40°	2326.8	2954.6	2169.0	130°	39.4	11.6	0.0
45°	1415.9	2284.9	1950.0	135°	23.4	1.2	0.0
50°	979.7	1464.8	1730.9	140°	2.5	0.0	0.0
55°	728.9	963.5	1471.8	145°	0.0	0.0	0.0
60°	564.6	673.2	1143.4	150°	0.0	0.0	0.1
65°	472.0	494.1	790.7	155°	0.0	0.0	0.0
70°	398.0	383.8	491.1	160°	0.0	0.0	0.0
75°	357.3	306.3	275.5	165°	0.0	0.0	0.0
80°	334.9	251.6	130.2	170°	0.2	0.1	0.3
85°	324.8	207.0	32.6	175°	0.0	0.0	0.0
90°	334.2	180.2	2.0	180°	0.0	0.0	0.0

classificação UGR =

Corrected Glare Ratings for a Total Lamp Flux of 8300lm (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	20.1	21.7	20.5	22.1	22.4	23.4	25.0	23.8	25.4	25.7
Y = 3H	20.6	22.1	21.1	22.5	22.9	24.2	25.7	24.6	26.1	26.4
Y = 4H	21.0	22.4	21.5	22.8	23.2	24.4	25.8	24.8	26.2	26.6
Y = 6H	21.5	22.8	22.0	23.2	23.6	24.5	25.8	24.9	26.2	26.6
Y = 8H	21.8	23.0	22.3	23.5	23.9	24.5	25.7	24.9	26.1	26.6
Y = 12H	22.1	23.3	22.6	23.8	24.2	24.5	25.6	24.9	26.1	26.5
X = 4H Y = 2H	20.4	21.8	20.9	22.2	22.6	23.3	24.7	23.8	25.1	25.5
Y = 3H	21.2	22.4	21.7	22.8	23.3	24.3	25.4	24.7	25.9	26.3
Y = 4H	21.7	22.8	22.2	23.2	23.7	24.6	25.6	25.1	26.1	26.6
Y = 6H	22.4	23.3	22.9	23.8	24.3	24.8	25.7	25.3	26.2	26.7
Y = 8H	22.8	23.7	23.3	24.2	24.7	24.8	25.7	25.3	26.2	26.7
Y = 12H	23.3	24.1	23.8	24.6	25.1	24.8	25.6	25.3	26.1	26.6
X = 8H Y = 4H	21.9	22.8	22.5	23.3	23.8	24.6	25.5	25.1	26.0	26.5
Y = 6H	22.8	23.5	23.4	24.1	24.6	24.9	25.6	25.4	26.2	26.7
Y = 8H	23.3	24.0	23.9	24.5	25.1	25.0	25.6	25.5	26.2	26.7
Y = 12H	24.0	24.5	24.6	25.1	25.7	25.0	25.6	25.6	26.2	26.8
X = 12H Y = 4H	21.9	22.7	22.5	23.3	23.8	24.6	25.4	25.1	25.9	26.4
Y = 6H	22.9	23.5	23.4	24.1	24.6	24.9	25.6	25.5	26.1	26.7
Y = 8H	23.5	24.0	24.1	24.6	25.2	25.0	25.6	25.6	26.2	26.8
	UGR Variations with Observer Position for Luminaire Spacings S									
S = 1.0H	+0.6		-0.6			+0.4		-0.3		
S = 1.5H	+0.9		-0.9			+0.6		-0.8		
S = 2.0H	+1.5		-1.1			+1.5		-1.8		

Colour properties

Correlated Colour Temperature : 4000

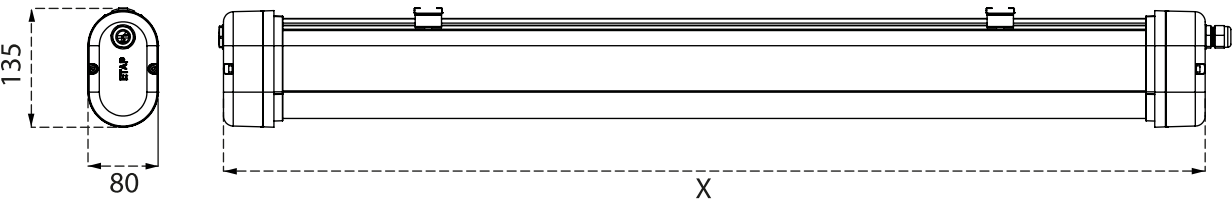
Ra: CRI (Ra) 80

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	103	100	98	95	93	91	90	88	87	80
2	91	86	82	84	80	77	80	76	74	68
3	80	74	70	74	70	66	71	67	64	59
4	72	65	60	67	61	57	64	59	55	51
5	65	57	52	60	54	50	58	53	49	45
6	59	51	45	55	49	44	53	47	43	40
7	53	46	40	50	44	39	48	42	38	35
8	49	41	36	46	39	35	44	38	34	32
9	45	37	32	42	36	31	41	35	31	29
10	41	34	29	39	33	29	38	32	28	26

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	50	41	48	40	47	40	45	39	38	32
0.80	62	53	58	51	58	51	55	49	48	41
1.00	70	61	65	58	65	58	62	56	55	48
1.25	80	71	73	67	74	67	70	64	63	56
1.50	86	78	78	72	79	73	74	70	68	61
2.00	94	87	84	79	86	80	80	76	74	67
2.50	101	94	89	84	91	86	84	81	78	72
3.00	105	99	92	88	95	91	88	85	82	76
4.00	110	105	95	92	99	95	90	88	85	79
5.00	114	109	98	95	102	98	93	90	88	82

Esboço



E2*/LED2*	620 mm
E2*/LED4*	1120 mm
E2*/LED6*	1620 mm