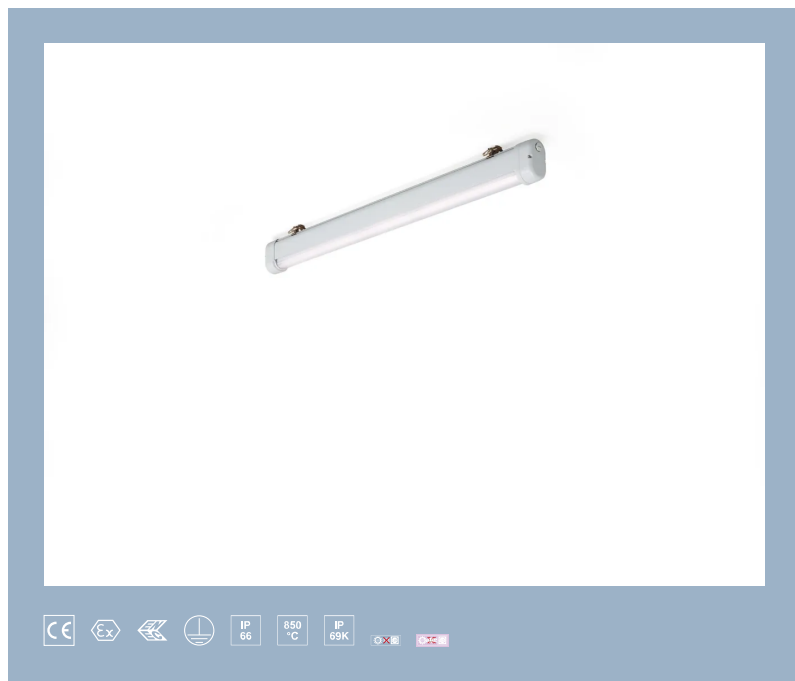


E22/LED5N075D-ATEX1



luminaire en saillie • linéaire

Application : Industrie ? Environnements ATEX

caisson: aluminium laqué

source lumineuse : LED • 4000 K

optique : lentille linéaire • Polycarbonate (PC) • extensive

classification UGR : <=25

flux lumineux: 8300 lm

flux lumineux spécifique : 132 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

Présentation du produit

Caractéristiques mécaniques

dimensions : 1370 mm x 80 mm x 135 mm

couleur: RAL7035 - gris clair

type : luminaire individuel

IP: IP66, IP69K

température ambiante: -20°C - 40°C •

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

Equipement électrique

driver: DALI gradable

puissance : 63 W

tension : 220-240V

fréquence : 50-60Hz AC

sécurité photobiologique : EN 62471: RISK GROUP 1 UNLIMITED

Luminance

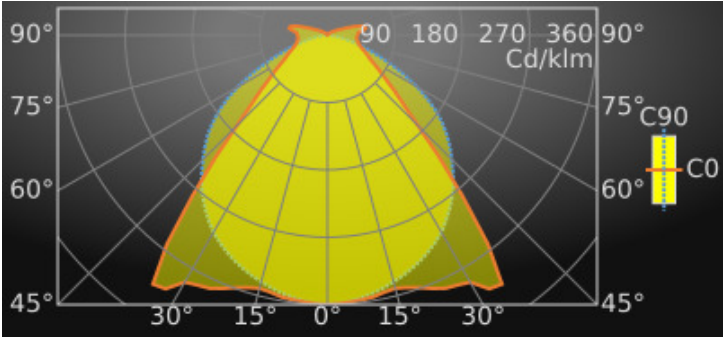
flux lumineux : 8300 lm

flux lumineux spécifique : 132 lm/W

classification UGR =: <=25

surface lumineuse : 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



Classifications

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

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

Intensités lumineuses en 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

classification 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

Rendement

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

Esquisse



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