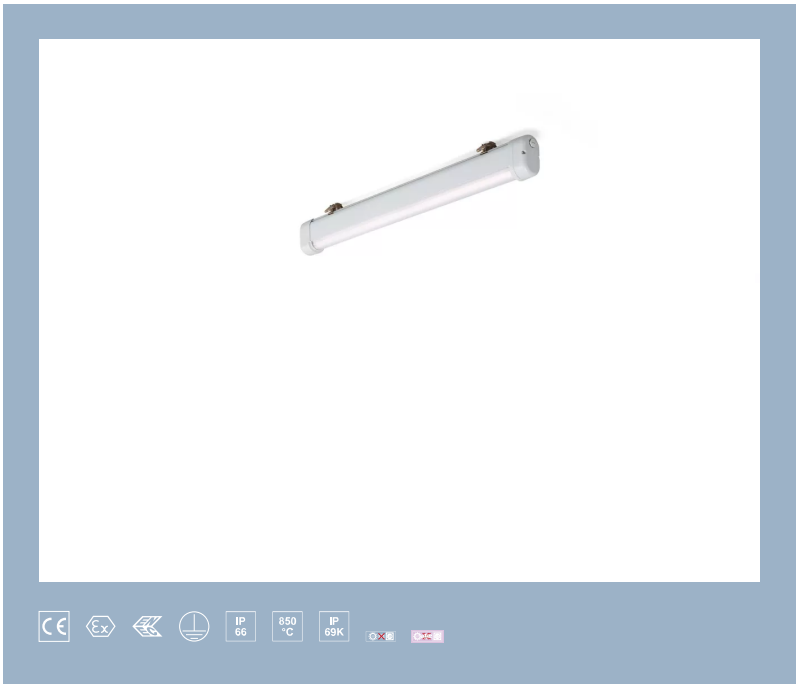
E22/LED4N060D-ATEX1



luminaire en saillie • linéaire

Application : Environnements ATEX

caisson: aluminium laqué

source lumineuse : LED • 4000 K

optique : lentille linéaire • Polycarbonate (PC) • extensive

classification UGR : <=25

flux lumineux: 6650 lm

flux lumineux spécifique : 130 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

Présentation du produit

Caractéristiques mécaniques

dimensions : 1120 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 : 51 W

tension : 220-240V

fréquence : 50-60Hz AC

sécurité photobiologique : EN 62471: RISK GROUP 1 UNLIMITED

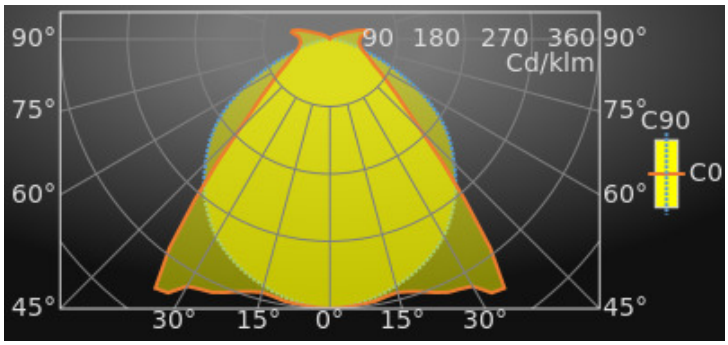
Luminance

flux lumineux : 6650 lm

flux lumineux spécifique : 130 lm/W

classification UGR =: <=25

surface lumineuse : 0.07 m²



Average Luminances (Cd/m²) for 6650lm

Gamma	C0	C30	C45	C60	C90
45°	16826	21689	29857	33996	33547
50°	12090	14581	20127	28768	32757
55°	9430	10842	14072	21794	31216
60°	7736	8722	10579	16204	27819
65°	6932	7341	8471	12063	22761
70°	6347	6730	7301	9256	17467
75°	6288	6346	6600	7455	12949
80°	6629	6232	6305	6405	9120
85°	7410	6622	6257	5817	4548

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 6650lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	2393.2	2393.2	2393.2	90°	267.7	144.4	1.6
5°	2378.8	2366.8	2371.5	95°	276.8	122.3	0.0
10°	2361.0	2360.1	2328.5	100°	343.9	117.7	0.0
15°	2328.6	2306.4	2268.8	105°	313.3	114.7	0.0
20°	2387.9	2246.3	2203.1	110°	190.6	113.2	0.0
25°	2481.2	2264.4	2120.6	115°	115.0	92.9	0.0
30°	2533.8	2310.7	2022.5	120°	74.6	56.0	0.0
35°	2700.5	2290.4	1888.1	125°	49.2	29.1	0.0
40°	1864.3	2367.2	1737.8	130°	31.6	9.3	0.0
45°	1134.4	1830.7	1562.3	135°	18.7	1.0	0.0
50°	785.0	1173.6	1386.8	140°	2.0	0.0	0.0
55°	584.0	772.0	1179.2	145°	0.0	0.0	0.0
60°	452.3	539.4	916.1	150°	0.0	0.0	0.1
65°	378.2	395.9	633.5	155°	0.0	0.0	0.0
70°	318.9	307.5	393.5	160°	0.0	0.0	0.0
75°	286.3	245.4	220.7	165°	0.0	0.0	0.0
80°	268.3	201.6	104.3	170°	0.1	0.1	0.3
85°	260.2	165.9	26.1	175°	0.0	0.0	0.0
90°	267.7	144.4	1.6	180°	0.0	0.0	0.0

classification UGR =

Corrected Glare Ratings for a Total Lamp Flux of 6650lm (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	25.8
Y = 3H	20.7	22.1	21.1	22.5	22.9	24.2	25.7	24.6	26.1	26.5
Y = 4H	21.0	22.4	21.5	22.8	23.2	24.4	25.8	24.9	26.2	26.6
Y = 6H	21.5	22.8	22.0	23.2	23.6	24.5	25.8	25.0	26.2	26.6
Y = 8H	21.8	23.1	22.3	23.5	23.9	24.5	25.7	25.0	26.2	26.6
Y = 12H	22.2	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	23.4	24.7	23.8	25.1	25.5
Y = 3H	21.2	22.4	21.7	22.8	23.3	24.3	25.5	24.8	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	25.4	26.2	26.7
Y = 12H	23.3	24.1	23.8	24.6	25.1	24.8	25.6	25.4	26.1	26.7
X = 8H Y = 4H	22.0	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	25.5	26.2	26.7
Y = 8H	23.4	24.0	23.9	24.6	25.1	25.0	25.6	25.6	26.2	26.8
Y = 12H	24.0	24.6	24.6	25.1	25.7	25.0	25.6	25.6	26.2	26.8
X = 12H Y = 4H	22.0	22.8	22.5	23.3	23.8	24.6	25.4	25.2	25.9	26.4
Y = 6H	22.9	23.5	23.5	24.1	24.6	24.9	25.6	25.5	26.1	26.7
Y = 8H	23.5	24.1	24.1	24.6	25.2	25.1	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

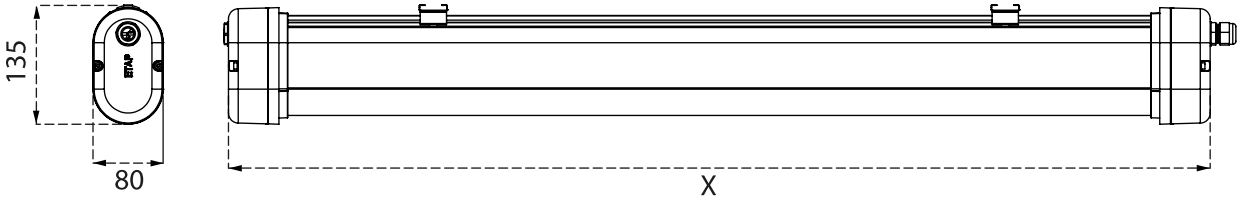
Utilisation Factors according to IES (%)

	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