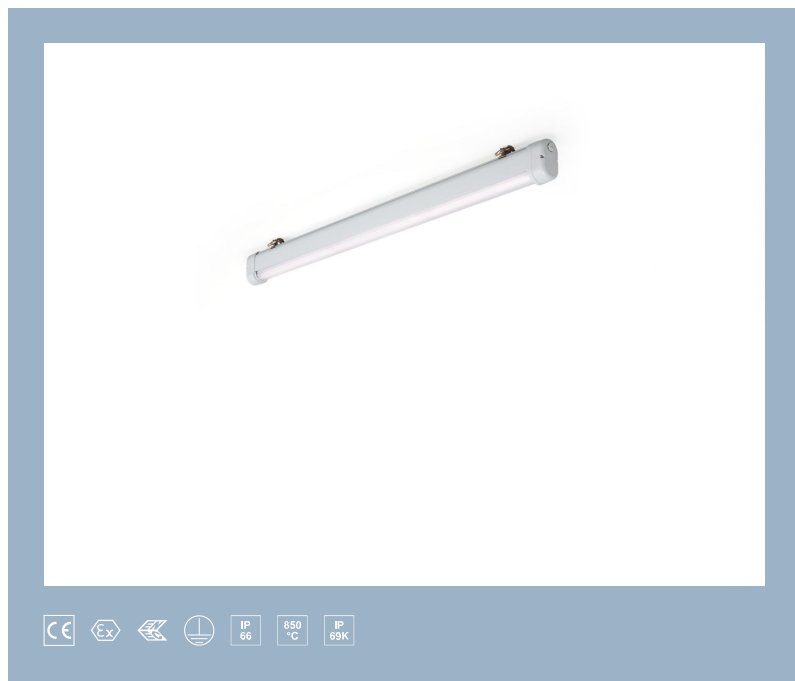


E22/LED6N090S3-ATEX1



opbouwarmatuur • langwerpig

toepassing : ATEX-omgevingen

behuizing: gelakt aluminium

lichtbron : low power led • K

optiek : lineaire lens • Polycarbonaat (PC) • breedstralend

UGR classificatie : ≤25

lichtstroom: 9950 lm

efficiëntie : 133 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

Product information

Mechanische eigenschappen

afmetingen : 1620 mm x 80 mm x 135 mm

kleur: RAL7035 - lichtgrijs

type : individueel armatuur

IP: IP66, IP69K

omgevingstemperatuur: van -20°C tot 40°C •

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

Elektrische uitrusting

driver: niet-dimbaar

opgenomen vermogen : 75 W

spanning : 220-240V

frequentie : 50-60Hz AC

fotobiologische veiligheid : EN 62471: RISK GROUP 1 UNLIMITED

Luminantie

lichtstroom : 9950 lm

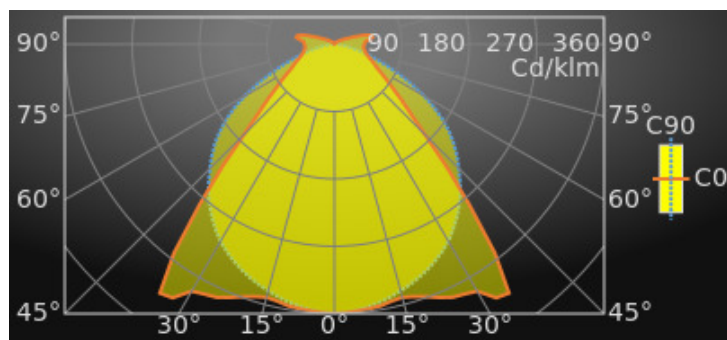
efficiëntie : 133 lm/W

UGR classificatie <=25

lichtgevende oppervlakte : 0.1 m²

Average Luminances (Cd/m²) for 9950lm

Gamma	C0	C30	C45	C60	C90
45°	16687	21511	29612	33717	33271
50°	11991	14462	19961	28532	32488
55°	9353	10753	13957	21615	30959
60°	7673	8650	10492	16071	27590
65°	6875	7281	8402	11964	22574
70°	6295	6674	7241	9180	17324
75°	6236	6294	6546	7393	12842
80°	6574	6180	6253	6352	9045
85°	7349	6567	6205	5769	4511



Classificaties

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

Lichtsterkten in cd

Intensity for 9950lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	3580.8	3580.8	3580.8	90°	400.6	216.0	2.4
5°	3559.3	3541.2	3548.3	95°	414.1	183.0	0.0
10°	3532.6	3531.3	3484.1	100°	514.6	176.2	0.0
15°	3484.2	3450.9	3394.7	105°	468.8	171.6	0.0
20°	3572.8	3361.1	3296.3	110°	285.1	169.4	0.0
25°	3712.5	3388.1	3172.9	115°	172.0	139.0	0.0
30°	3791.2	3457.4	3026.1	120°	111.6	83.8	0.0
35°	4040.6	3427.0	2825.1	125°	73.6	43.6	0.0
40°	2789.4	3541.9	2600.2	130°	47.3	13.9	0.0
45°	1697.4	2739.2	2337.6	135°	28.0	1.5	0.0
50°	1174.5	1756.0	2074.9	140°	2.9	0.0	0.0
55°	873.9	1155.1	1764.4	145°	0.0	0.0	0.0
60°	676.8	807.1	1370.7	150°	0.0	0.0	0.1
65°	565.9	592.4	947.9	155°	0.0	0.0	0.0
70°	477.1	460.1	588.7	160°	0.0	0.0	0.0
75°	428.3	367.2	330.3	165°	0.0	0.0	0.0
80°	401.5	301.6	156.1	170°	0.2	0.1	0.4
85°	389.4	248.2	39.1	175°	0.0	0.0	0.0
90°	400.6	216.0	2.4	180°	0.0	0.0	0.0

UGR classificatie

Corrected Glare Ratings for a Total Lamp Flux of 9950lm (S = 0.25H)

Ceiling Walls Floor	Room Reflection Factors (%)									
	70	70	50	50	30	70	70	50	50	30
Room Dimensions	50	30	50	30	30	50	30	50	30	30
	20	20	20	20	20	20	20	20	20	20
X = 2H Y = 2H	Viewed Crosswise					Viewed Endwise				
	20.1	21.7	20.4	22.0	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	25.6	24.6	26.0	26.4
Y = 4H	21.0	22.4	21.4	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	25.7	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	24.4	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
	21.2	22.4	21.7	22.8	23.2	24.3	25.4	24.7	25.9	26.3
Y = 3H	21.7	22.8	22.2	23.2	23.7	24.6	25.6	25.1	26.1	26.5
Y = 4H	22.4	23.3	22.9	23.8	24.3	24.8	25.7	25.3	26.2	26.7
Y = 6H	22.8	23.6	23.3	24.2	24.7	24.8	25.7	25.3	26.2	26.7
Y = 12H	23.3	24.0	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
	22.8	23.5	23.3	24.0	24.6	24.9	25.6	25.4	26.1	26.7
Y = 6H	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	26.1	26.7
X = 12H Y = 4H	21.9	22.7	22.5	23.2	23.8	24.6	25.4	25.1	25.9	26.4
	22.9	23.5	23.4	24.0	24.6	24.9	25.5	25.5	26.1	26.7
Y = 6H	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			

Rendement

Utilisation Factors according to IES (%)										
Ceiling Walls Floor	Room Reflection Factors (%)									
	80	80	80	50	50	50	30	30	30	0
	50	30	10	50	30	10	50	30	10	0
	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 (%)										
Ceiling Walls Floor	Room Reflection Factors (%)									
	80	80	80	50	50	50	50	50	30	0
	50	30	50	30	50	30	50	30	30	0
	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