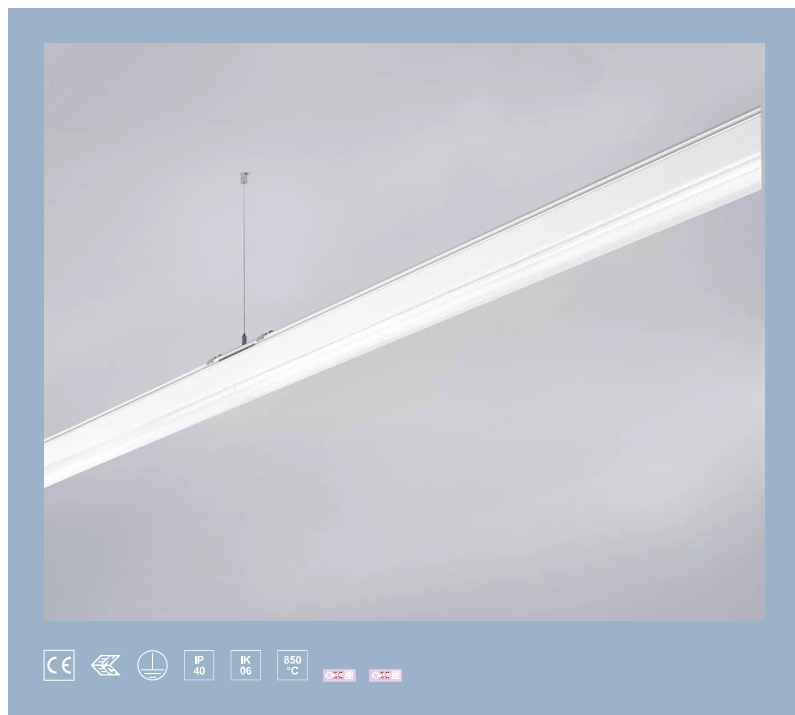


E4001/LED1N030D



industriële armatuur • langwerpig

Toepassing : Productievestigingen

behuizing: gelakt aluminium

lichtbron : led • 4000 K

optiek : DUAL?LENS • Polycarbonaat (PC) •
diepstralend

UGR classificatie : <=22

lichtstroom: 3000 lm

efficiëntie : 120 lm/W

LLMF: 96% @ 50khrs (Tq=25°C)

Product information

Mechanische eigenschappen

afmetingen : 1000 mm x 60 mm x 135 mm

kleur: RAL9016 - verkeerswit (structuurlak)

type : lijnmontage: tussenarmatuur

IP: IP40

IK: IK06

Elektrische uitrusting

driver: DALI dimbaar

opgenomen vermogen : 25 W

spanning : 220-240V

frequentie : 50-60Hz AC

fotobiologische veiligheid : EN 62471: RISK GROUP 1
UNLIMITED

Luminantie

lichtstroom : 3000 lm

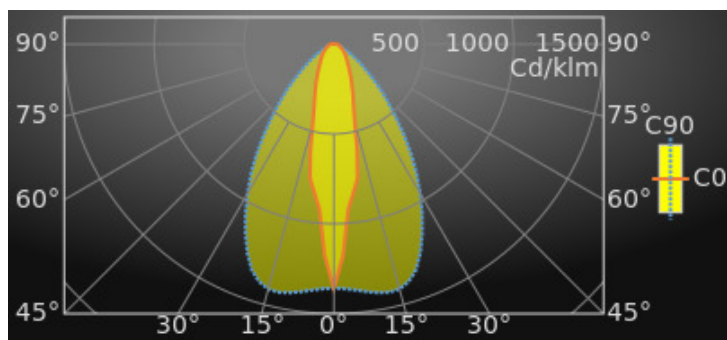
efficiëntie : 120 lm/W

UGR classificatie =: <=22

lichtgevende oppervlakte : 0.06 m²

Average Luminances (Cd/m²) for 3000lm

Gamma	C0	C30	C45	C60	C90
45°	4391	5024	6299	9408	27068
50°	3770	4217	5108	7271	19632
55°	3271	3590	4140	5567	14361
60°	2873	3127	3340	4320	10503
65°	2532	2747	2741	3491	8061
70°	2278	2410	2305	2927	6688
75°	2085	2119	1990	2453	6458
80°	1947	1869	1695	1981	6117
85°	1840	1632	1387	1567	5268



Classificaties

CIE: 710 / 894 / 961 / 989 / 1000

CIE FLUXCODE : 0.72 / 0.90 / 0.97 / 0.99 / 1.00

BZ: BZ1/0.8/BZ2

CAE: CAE 1/15°/CAE 2/25°/CAE 4/75°/CAE 3

DIN: A60 (Nach Arbeitsblatt 7 und 8)

DIN_U: Phi u = 0.99

DIN_SU: Phi su = 0.72

UTE: 0.99 B + 0.01 T

Lifetime Data (Tq=25.0°C)

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

Lichtsterkten in cd

Intensity for 3000lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	4074.7	4074.7	4074.7	90°	53.2	24.6	1.1
5°	2769.9	3266.8	4119.0	95°	43.4	15.2	0.0
10°	2277.4	2440.2	4211.8	100°	33.6	7.6	0.0
15°	1339.5	2031.4	4233.8	105°	24.1	2.7	0.0
20°	937.8	1377.9	4006.6	110°	15.2	0.6	0.0
25°	704.3	1014.4	3487.7	115°	7.9	0.1	0.0
30°	525.8	780.0	2881.2	120°	2.5	0.0	0.0
35°	412.5	605.6	2249.7	125°	0.5	0.0	0.0
40°	337.4	467.9	1635.0	130°	0.1	0.0	0.0
45°	279.4	361.8	1148.4	135°	0.0	0.0	0.0
50°	232.1	280.0	757.1	140°	0.0	0.0	0.0
55°	193.0	214.4	494.2	145°	0.0	0.0	0.0
60°	160.8	161.5	315.1	150°	0.0	0.0	0.0
65°	133.0	122.2	204.4	155°	0.0	0.0	0.0
70°	111.0	93.2	137.2	160°	0.0	0.0	0.0
75°	92.8	71.7	100.3	165°	0.0	0.0	0.0
80°	77.8	53.1	63.7	170°	0.0	0.0	0.0
85°	64.6	36.6	27.5	175°	0.0	0.0	0.0
90°	53.2	24.6	1.1	180°	0.0	0.0	0.0

UGR classificatie =

Corrected Glare Ratings for a Total Lamp Flux of 3000lm (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	13.9	15.3	14.2	15.6	15.9	19.7	21.2	20.1	21.5	21.7
Y = 3H	15.0	16.3	15.4	16.6	16.9	20.3	21.6	20.6	21.9	22.2
Y = 4H	15.6	16.8	15.9	17.1	17.4	20.5	21.8	20.9	22.1	22.4
Y = 6H	16.1	17.2	16.5	17.6	17.9	20.8	21.9	21.2	22.3	22.6
Y = 8H	16.4	17.5	16.8	17.8	18.2	20.9	22.0	21.3	22.3	22.7
Y = 12H	16.6	17.7	17.0	18.0	18.4	20.9	22.0	21.3	22.3	22.7
X = 4H Y = 2H	14.4	15.7	14.8	16.0	16.3	19.6	20.9	20.0	21.2	21.5
Y = 3H	15.8	16.8	16.2	17.2	17.5	20.3	21.3	20.7	21.7	22.0
Y = 4H	16.5	17.4	16.9	17.8	18.1	20.6	21.6	21.1	21.9	22.3
Y = 6H	17.2	18.0	17.6	18.4	18.8	21.0	21.8	21.4	22.2	22.6
Y = 8H	17.5	18.3	18.0	18.7	19.1	21.1	21.9	21.6	22.3	22.8
Y = 12H	17.8	18.5	18.3	19.0	19.4	21.2	21.9	21.7	22.4	22.8
X = 8H Y = 4H	16.7	17.4	17.1	17.9	18.3	20.6	21.4	21.1	21.8	22.2
Y = 6H	17.5	18.2	18.0	18.6	19.1	21.0	21.7	21.5	22.1	22.6
Y = 8H	18.0	18.6	18.5	19.0	19.5	21.2	21.8	21.7	22.3	22.8
Y = 12H	18.5	19.0	19.0	19.5	20.0	21.4	21.9	21.9	22.4	22.9
X = 12H Y = 4H	16.7	17.4	17.1	17.8	18.3	20.6	21.3	21.1	21.7	22.2
Y = 6H	17.6	18.2	18.1	18.6	19.1	21.0	21.6	21.5	22.1	22.6
Y = 8H	18.1	18.6	18.6	19.1	19.6	21.2	21.7	21.8	22.2	22.8
	UGR Variations with Observer Position for Luminaire Spacings S									
S = 1.0H	+0.3		-0.3			+1.0		-0.9		
S = 1.5H	+0.4		-0.6			+2.6		-1.7		
S = 2.0H	+0.4		-0.9			+4.0		-2.4		

Kleureigenschappen

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	107	105	103	100	98	97	96	95	94	88
2	97	93	90	91	88	86	88	85	83	78
3	88	83	79	83	79	76	81	77	75	71
4	81	75	71	77	72	69	75	70	67	64
5	75	68	64	71	66	62	69	65	61	58
6	69	63	58	66	61	57	65	60	56	54
7	64	58	53	62	56	52	61	56	52	50
8	60	54	49	58	52	49	57	52	48	46
9	57	50	46	55	49	45	54	49	45	43
10	53	47	43	52	46	42	51	46	42	40

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	65	58	62	56	63	57	61	56	55	50
0.80	75	67	70	64	72	65	68	63	63	58
1.00	82	75	76	71	78	72	74	70	69	64
1.25	91	83	83	78	86	80	81	77	76	71
1.50	96	89	87	82	90	85	84	81	79	75
2.00	103	96	92	88	95	91	89	86	84	80
2.50	107	102	95	91	99	95	92	89	88	83
3.00	111	106	97	95	103	99	94	92	91	86
4.00	115	110	99	97	105	102	96	94	93	88
5.00	118	114	101	99	107	105	98	96	94	90

Accessoires

- E7H301 Aansluitstekker, 5- of 7-polig, per stuk
- E4H1000 Lijneindstuk, per stuk
- E4H111 Enkelvoudige ophangbeugel voor plafondmontage
- E4H112 Dubbele ophangbeugel voor plafondmontage
- E4H121 Enkelvoudige ophangbeugel voor draadstang
- E4H122 Dubbele ophangbeugel voor draadstang
- E4H131 Enkelvoudige ophangbeugel voor ketting
- E4H141 Enkele ophangbeugel voor staaldraad
- E4H142 Dubbele ophangbeugel voor staaldraad
- E4H132 Dubbelvoudige ophangbeugel voor ketting
- E4H103 Uitlijnbeugel



