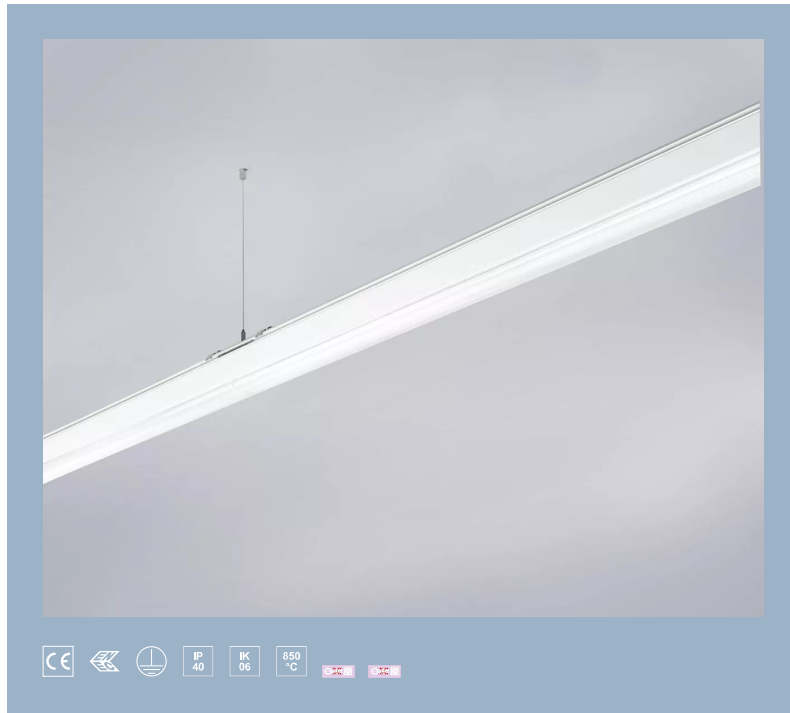


E4001/LED1W030S



industriarmatur • rektangulär

installation : Produktionsanläggningar

armaturhus: lackerat aluminium

ljuskälla : LED • 3000 K

Optik : DUAL?LENS • Polykarbonat (PC) • smalstrålande

UGR klassificering : <=22

ljusutbyte: 3050 lm

ljusutbyte : 117 lm/W

LLMF: 95% @ 50khrs (Tq=25°C)

Product information

Armatur data

dimensioner : 1000 mm x 60 mm x 135 mm

kulör: RAL9016 - trafik vit (struktlack)

typ : rampmontage: mellanliggande armatur

IP: IP40

IK: IK06

Elektrisk data

drivenhet: ej dimbar

effekt : 26 W

spänning : 220-240V

frekvens : 50-60Hz AC

fotobiologisk säkerhet : EN 62471: RISK GROUP 1
UNLIMITED

Luminance

ljusflöde : 3050 lm

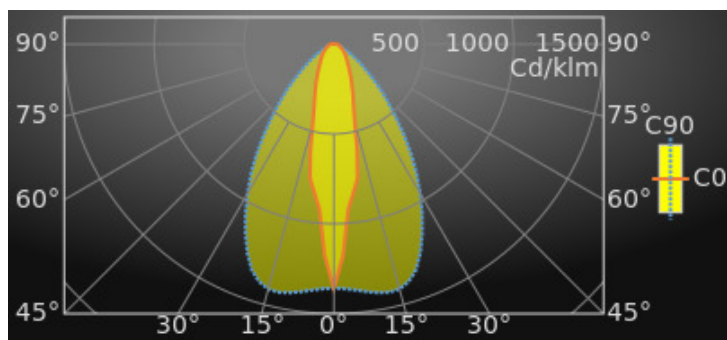
ljusutbyte : 117 lm/W

UGR klassificering =: <=22

lysande yta : 0.06 m²

Average Luminances (Cd/m²) for 3050lm

Gamma	C0	C30	C45	C60	C90
45°	4464	5108	6404	9565	27520
50°	3833	4287	5193	7392	19959
55°	3326	3650	4209	5660	14600
60°	2921	3179	3395	4392	10678
65°	2574	2792	2786	3549	8195
70°	2316	2450	2343	2975	6799
75°	2120	2154	2023	2494	6566
80°	1980	1900	1723	2014	6219
85°	1871	1659	1410	1593	5356



Klassifisering

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	98	4
30	98	6
40	97	8
50	96	10
60	95	12

Ljusstyrka i cd

Intensity for 3050lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	4142.6	4142.6	4142.6	90°	54.1	25.0	1.2
5°	2816.0	3321.3	4187.6	95°	44.1	15.4	0.0
10°	2315.4	2480.9	4282.0	100°	34.2	7.7	0.0
15°	1361.8	2065.2	4304.3	105°	24.5	2.7	0.0
20°	953.4	1400.9	4073.4	110°	15.5	0.6	0.0
25°	716.1	1031.3	3545.8	115°	8.0	0.1	0.0
30°	534.6	793.0	2929.2	120°	2.6	0.0	0.0
35°	419.3	615.7	2287.2	125°	0.5	0.0	0.0
40°	343.1	475.7	1662.3	130°	0.1	0.0	0.0
45°	284.1	367.8	1167.6	135°	0.0	0.0	0.0
50°	235.9	284.7	769.8	140°	0.0	0.0	0.0
55°	196.2	218.0	502.5	145°	0.0	0.0	0.0
60°	163.5	164.2	320.3	150°	0.0	0.0	0.0
65°	135.3	124.2	207.8	155°	0.0	0.0	0.0
70°	112.8	94.8	139.5	160°	0.0	0.0	0.0
75°	94.3	72.9	102.0	165°	0.0	0.0	0.0
80°	79.1	54.0	64.8	170°	0.0	0.0	0.0
85°	65.7	37.2	28.0	175°	0.0	0.0	0.0
90°	54.1	25.0	1.2	180°	0.0	0.0	0.0

UGR klassificering =

Corrected Glare Ratings for a Total Lamp Flux of 3050lm (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	14.0	15.4	14.3	15.7	15.9	19.8	21.2	20.1	21.5	21.8
Y = 3H	15.1	16.4	15.4	16.7	17.0	20.3	21.6	20.7	21.9	22.2
Y = 4H	15.6	16.9	16.0	17.2	17.5	20.6	21.8	21.0	22.1	22.5
Y = 6H	16.2	17.3	16.5	17.6	18.0	20.9	22.0	21.2	22.3	22.7
Y = 8H	16.4	17.5	16.8	17.9	18.2	20.9	22.0	21.3	22.4	22.7
Y = 12H	16.7	17.7	17.1	18.1	18.4	21.0	22.0	21.4	22.4	22.8
X = 4H Y = 2H	14.5	15.7	14.9	16.0	16.3	19.7	20.9	20.0	21.2	21.5
Y = 3H	15.8	16.9	16.2	17.2	17.6	20.3	21.4	20.7	21.7	22.1
Y = 4H	16.5	17.4	16.9	17.8	18.2	20.7	21.6	21.1	22.0	22.4
Y = 6H	17.2	18.0	17.7	18.4	18.9	21.1	21.9	21.5	22.3	22.7
Y = 8H	17.6	18.3	18.0	18.7	19.2	21.2	22.0	21.7	22.4	22.8
Y = 12H	17.9	18.6	18.4	19.0	19.5	21.3	22.0	21.8	22.4	22.9
X = 8H Y = 4H	16.7	17.5	17.2	17.9	18.3	20.7	21.4	21.1	21.9	22.3
Y = 6H	17.6	18.2	18.1	18.7	19.2	21.1	21.7	21.6	22.2	22.7
Y = 8H	18.1	18.6	18.6	19.1	19.6	21.3	21.9	21.8	22.3	22.8
Y = 12H	18.6	19.0	19.1	19.5	20.1	21.4	21.9	21.9	22.4	23.0
X = 12H Y = 4H	16.7	17.4	17.2	17.9	18.3	20.7	21.4	21.1	21.8	22.3
Y = 6H	17.7	18.2	18.1	18.7	19.2	21.1	21.7	21.6	22.1	22.6
Y = 8H	18.2	18.7	18.7	19.2	19.7	21.3	21.8	21.8	22.3	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		

Colour properties

Correlated Colour Temperature : 3000

Ra: CRI (Ra) 80

Verkningsgrad

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

Tillbehör

E7H301 *Anslutningsdon, 5- eller 7-polig, per enhet*

E4H1000 *Gavel*

E4H111 *Enkelfäste för takmontage*

E4H112 *Dubbelfäste för takmontage*

E4H121 *Enkelfäste till gängad stång*

E4H122 *Dubbelfäste till gängad stång*

E4H131 *Enkelfäste till kedja*

E4H141 *Enkelfäste till wire*

E4H142 *Dubbelfäste till wire*

E4H132 *Dubbelfäste till kedja*

E4H103 *Inriktningfäste*

