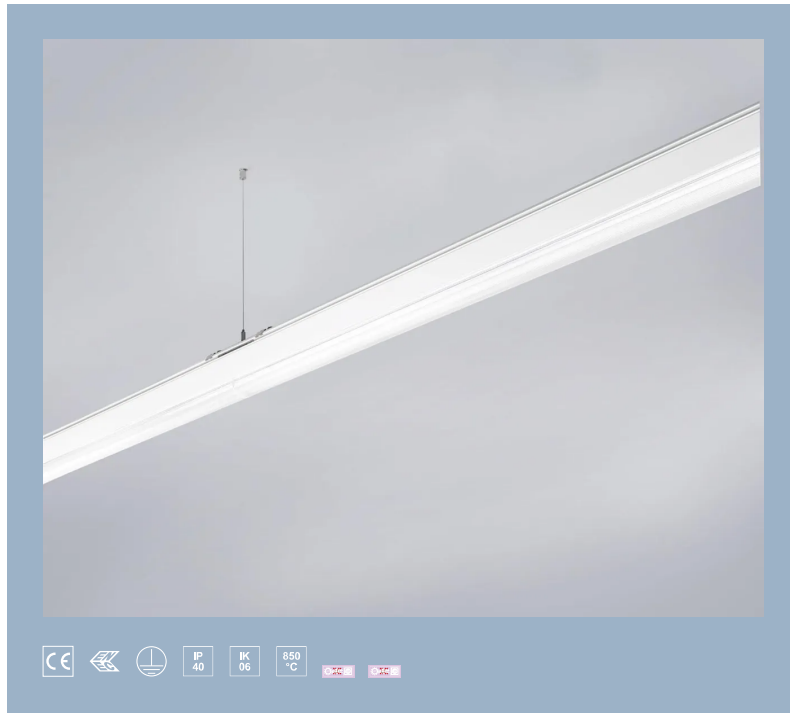


E4601/LED1N020S



industriarmatur • rektangulär

installation : Industri ? Produktionsområde, Industri ? Lagerlokal

armaturhus: lackerat aluminium

ljuskälla : LED • 4000 K

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

UGR klassificering : <=22

ljusutbyte: 2500 lm

ljusutbyte : 139 lm/W

LLMF: 97% @ 50khrs (Tq=25°C)

Product information

Armatur data

dimensioner : 1000 mm x 60 mm x 135 mm

kulör: RAL9016 - trafik vit

typ : rampmontage: mellanliggande armatur

IP: IP40

IK: IK06

Elektrisk data

drivenhet: ej dimbar

effekt : 18 W

spänning : 220-240V

frekvens : 50-60Hz AC

fotobiologisk säkerhet : EN 62471: RISK GROUP 1
UNLIMITED

Luminance

ljusflöde : 2500 lm

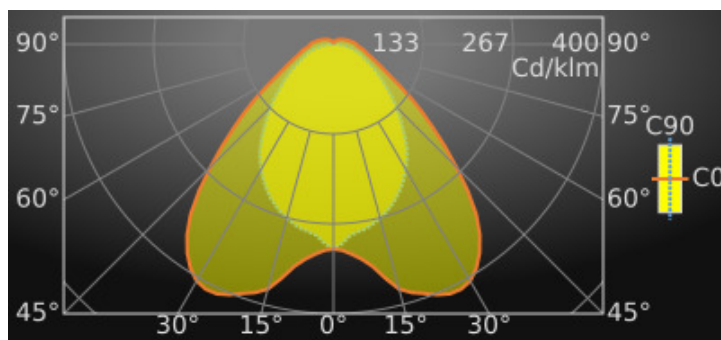
ljusutbyte : 139 lm/W

UGR klassificering =: <=22

lysande yta : 0.06 m²

Average Luminances (Cd/m²) for 2500lm

Gamma	C0	C30	C45	C60	C90
45°	10111	11415	12856	13443	7792
50°	7810	8594	9281	11719	6870
55°	5990	6313	6565	8584	6176
60°	4469	4711	4723	5827	5553
65°	3638	3780	3632	4263	5106
70°	3153	3258	3012	3373	5091
75°	2859	2946	2641	2896	5004
80°	2777	2788	2460	2662	4745
85°	2596	2691	2342	2503	3570



Klassifisering

CIE: 513 / 797 / 893 / 939 / 1000

CIE FLUXCODE : 0.55 / 0.85 / 0.95 / 0.94 / 1.00

BZ: BZ4/1.25/BZ3/1.5/BZ4

CAE: CAE 4/25°/CAE 3

DIN: A40 (Nach Arbeitsblatt 7 und 8)

DIN_U: Phi u = 0.94

DIN_SU: Phi su = 0.59

UTE: 0.94 D + 0.06 T

Lifetime Data (Tq=25.0°C)

Time(khrs)	LLMF(%)	Cx(%)
10	100	2
20	99	4
30	99	6
40	98	8
50	98	10
60	97	12

Ljusstyrka i cd

Intensity for 2500lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	759.7	759.7	759.7	90°	85.2	58.6	16.2
5°	782.0	739.7	712.4	95°	74.1	47.3	3.0
10°	837.6	882.9	694.5	100°	63.7	36.6	3.7
15°	940.7	828.3	668.4	105°	54.1	33.0	4.3
20°	984.5	898.0	634.0	110°	46.7	29.2	4.5
25°	1022.3	912.4	589.7	115°	41.3	25.4	4.9
30°	1014.5	916.0	535.9	120°	35.6	21.9	5.2
35°	945.1	904.2	473.9	125°	30.5	19.5	5.4
40°	823.6	879.5	397.9	130°	26.3	17.4	5.7
45°	643.4	738.3	330.6	135°	22.6	15.5	5.9
50°	480.7	508.8	264.9	140°	19.3	13.9	6.1
55°	353.4	340.0	212.5	145°	16.7	12.3	6.2
60°	250.2	228.4	166.6	150°	14.2	11.0	6.4
65°	191.2	161.9	129.5	155°	12.2	9.9	6.5
70°	153.6	121.9	104.5	160°	10.4	8.8	6.6
75°	127.3	95.1	77.7	165°	8.9	8.1	6.7
80°	111.0	77.0	49.4	170°	7.8	7.4	6.8
85°	91.1	61.7	18.7	175°	7.2	6.9	6.8
90°	85.2	58.6	16.2	180°	6.8	6.8	6.8

UGR klassificering =

Corrected Glare Ratings for a Total Lamp Flux of 2500lm (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	18.6	20.2	19.0	20.6	21.0	18.4	20.0	18.8	20.4	20.7
Y = 3H	19.2	20.6	19.6	21.0	21.4	19.0	20.4	19.4	20.8	21.2
Y = 4H	19.5	20.9	19.9	21.3	21.7	19.2	20.6	19.7	21.0	21.4
Y = 6H	19.8	21.1	20.3	21.6	22.0	19.5	20.8	19.9	21.2	21.6
Y = 8H	20.0	21.3	20.5	21.7	22.1	19.6	20.8	20.0	21.2	21.7
Y = 12H	20.2	21.4	20.7	21.8	22.3	19.6	20.8	20.1	21.2	21.7
X = 4H Y = 2H	18.8	20.2	19.2	20.6	21.0	18.6	19.9	19.0	20.4	20.8
Y = 3H	19.6	20.7	20.0	21.2	21.6	19.3	20.5	19.8	20.9	21.4
Y = 4H	20.0	21.1	20.5	21.5	22.0	19.7	20.7	20.2	21.2	21.7
Y = 6H	20.5	21.5	21.1	22.0	22.5	20.0	21.0	20.6	21.5	22.0
Y = 8H	20.8	21.7	21.4	22.2	22.7	20.2	21.0	20.7	21.6	22.1
Y = 12H	21.1	21.9	21.6	22.4	23.0	20.2	21.0	20.8	21.6	22.1
X = 8H Y = 4H	20.1	21.0	20.7	21.5	22.0	19.8	20.7	20.3	21.2	21.7
Y = 6H	20.8	21.6	21.4	22.1	22.7	20.3	21.0	20.9	21.6	22.1
Y = 8H	21.2	21.9	21.8	22.4	23.0	20.5	21.2	21.1	21.7	22.3
Y = 12H	21.7	22.2	22.3	22.8	23.4	20.7	21.2	21.3	21.8	22.4
X = 12H Y = 4H	20.1	20.9	20.7	21.4	22.0	19.8	20.6	20.4	21.2	21.7
Y = 6H	20.9	21.5	21.5	22.1	22.7	20.4	21.0	21.0	21.6	22.1
Y = 8H	21.3	21.9	21.9	22.5	23.1	20.6	21.2	21.2	21.8	22.4
	UGR Variations with Observer Position for Luminaire Spacings S									
S = 1.0H	+0.4		-0.5			+0.7		-0.6		
S = 1.5H	+0.7		-1.0			+1.1		-1.2		
S = 2.0H	+1.4		-1.3			+1.6		-1.5		

Colour properties

Correlated Colour Temperature : 4000

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	103	100	97	94	92	90	89	88	86	80
2	90	85	81	83	79	76	79	76	73	68
3	80	74	69	74	69	65	70	66	63	58
4	71	64	59	66	61	56	63	58	55	50
5	64	57	51	60	54	49	57	52	48	44
6	58	50	45	54	48	43	52	46	42	39
7	53	45	39	49	43	38	47	42	37	35
8	48	40	35	45	39	34	44	38	33	31
9	44	37	32	42	35	31	40	34	30	28
10	41	33	28	39	32	28	37	31	27	25

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	49	41	47	39	46	39	45	38	37	31
0.80	61	52	57	50	57	50	55	48	47	40
1.00	70	61	65	58	65	57	61	55	54	47
1.25	79	71	73	66	73	66	69	64	62	55
1.50	86	77	78	72	79	72	74	69	67	60
2.00	94	86	84	78	86	80	79	75	73	67
2.50	100	93	88	84	91	86	84	80	78	72
3.00	105	99	92	88	95	90	87	84	82	76
4.00	110	104	95	91	98	95	90	87	85	79
5.00	113	109	97	94	101	98	92	90	87	81

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 *Inriktningsfäste*

