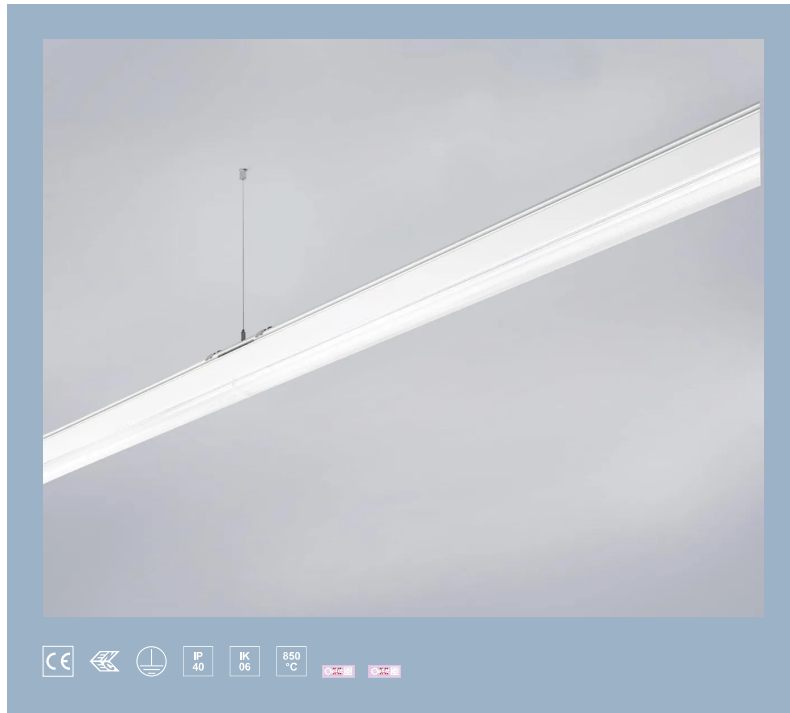


E4601/LED1W020S



industriarmatur • rektangulär

installation : Industri ? Produktionsområde, Industri ? Lagerlokal

armaturhus: lackerat aluminium

ljuskälla : LED • 3000 K

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

UGR klassificering : <=22

ljusutbyte: 2550 lm

ljusutbyte : 134 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 : 19 W

spänning : 220-240V

frekvens : 50-60Hz AC

fotobiologisk säkerhet : EN 62471: RISK GROUP 1
UNLIMITED

Luminance

ljusflöde : 2550 lm

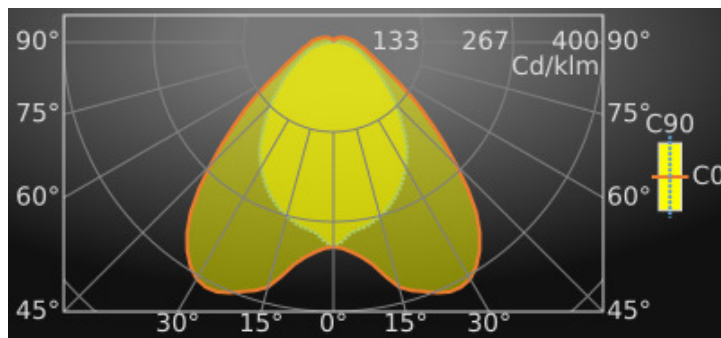
ljusutbyte : 134 lm/W

UGR klassificering =: <=22

lysande yta : 0.06 m²

Average Luminances (Cd/m²) for 2550lm

Gamma	C0	C30	C45	C60	C90
45°	10313	11644	13113	13712	7947
50°	7966	8766	9466	11953	7007
55°	6110	6439	6696	8756	6300
60°	4558	4805	4817	5944	5664
65°	3711	3856	3705	4348	5209
70°	3216	3323	3073	3441	5193
75°	2917	3005	2694	2954	5105
80°	2833	2844	2509	2715	4840
85°	2647	2745	2388	2553	3642



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	99	2
20	99	4
30	98	6
40	98	8
50	97	10
60	97	12

Ljusstyrka i cd

Intensity for 2550lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	774.9	774.9	774.9	90°	86.9	59.7	16.5
5°	797.6	754.5	726.7	95°	75.6	48.2	3.1
10°	854.3	900.5	708.4	100°	65.0	37.3	3.8
15°	959.5	844.9	681.7	105°	55.2	33.7	4.4
20°	1004.2	916.0	646.7	110°	47.7	29.8	4.6
25°	1042.7	930.7	601.5	115°	42.1	25.9	5.0
30°	1034.8	934.3	546.6	120°	36.4	22.4	5.3
35°	964.0	922.3	483.4	125°	31.1	19.9	5.5
40°	840.1	897.0	405.9	130°	26.8	17.7	5.8
45°	656.3	753.0	337.2	135°	23.1	15.8	6.0
50°	490.3	518.9	270.2	140°	19.6	14.2	6.2
55°	360.4	346.8	216.8	145°	17.0	12.6	6.3
60°	255.2	233.0	169.9	150°	14.5	11.2	6.5
65°	195.0	165.2	132.1	155°	12.4	10.1	6.6
70°	156.7	124.3	106.6	160°	10.6	9.0	6.7
75°	129.8	97.0	79.3	165°	9.1	8.2	6.8
80°	113.2	78.6	50.4	170°	8.0	7.5	6.9
85°	93.0	63.0	19.0	175°	7.3	7.1	6.9
90°	86.9	59.7	16.5	180°	6.9	6.9	6.9

UGR klassificering =

Corrected Glare Ratings for a Total Lamp Flux of 2550lm (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	18.7	20.3	19.1	20.7	21.0	18.5	20.1	18.9	20.5	20.8
Y = 3H	19.2	20.7	19.7	21.1	21.5	19.0	20.5	19.5	20.9	21.3
Y = 4H	19.6	20.9	20.0	21.4	21.8	19.3	20.7	19.8	21.1	21.5
Y = 6H	19.9	21.2	20.4	21.6	22.0	19.5	20.8	20.0	21.3	21.7
Y = 8H	20.1	21.3	20.6	21.8	22.2	19.6	20.9	20.1	21.3	21.7
Y = 12H	20.3	21.5	20.7	21.9	22.3	19.7	20.8	20.1	21.3	21.7
X = 4H Y = 2H	18.8	20.2	19.3	20.6	21.1	18.6	20.0	19.1	20.4	20.8
Y = 3H	19.6	20.8	20.1	21.3	21.7	19.4	20.6	19.8	21.0	21.4
Y = 4H	20.1	21.1	20.6	21.6	22.1	19.7	20.8	20.2	21.3	21.7
Y = 6H	20.6	21.5	21.1	22.0	22.5	20.1	21.0	20.6	21.5	22.0
Y = 8H	20.9	21.8	21.4	22.3	22.8	20.2	21.1	20.8	21.6	22.1
Y = 12H	21.2	22.0	21.7	22.5	23.0	20.3	21.1	20.9	21.6	22.2
X = 8H Y = 4H	20.2	21.1	20.7	21.6	22.1	19.9	20.7	20.4	21.3	21.8
Y = 6H	20.9	21.6	21.5	22.2	22.7	20.4	21.1	20.9	21.7	22.2
Y = 8H	21.3	22.0	21.9	22.5	23.1	20.6	21.2	21.2	21.8	22.4
Y = 12H	21.8	22.3	22.3	22.9	23.5	20.7	21.3	21.3	21.9	22.5
X = 12H Y = 4H	20.2	21.0	20.7	21.5	22.0	19.9	20.7	20.4	21.2	21.8
Y = 6H	21.0	21.6	21.5	22.2	22.7	20.4	21.1	21.0	21.6	22.2
Y = 8H	21.4	22.0	22.0	22.6	23.2	20.7	21.3	21.3	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 : 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	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*

