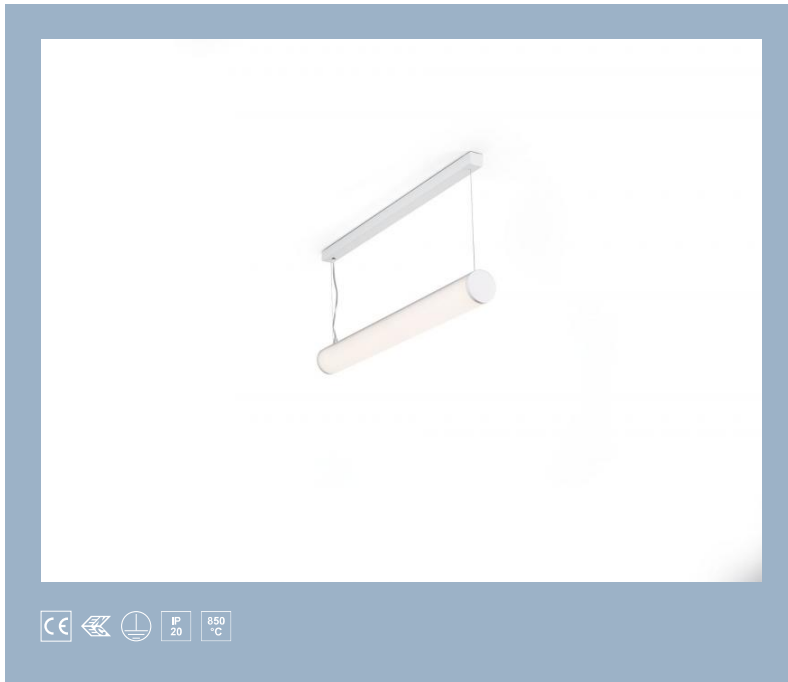


R811R1/LEDW25D



Pendelleuchte • linear

Anwendung : Büro, Gesundheitswesen, Bildungswesen, Bewirtung, Einzelhandel, Freizeit

Lichtquelle : low power LED • 3000 K

Optik : HaloOptics Diffusor • Polycarbonat (PC)
HaloOptics® • breit strahlend

UGR-Klassifizierung : <=25

Lichtstrom: 2450 lm

Spezifischer Lichtstrom : 111 lm/W

LLMF: 95% @ 50khrs (Tq=25°C)

Product information

Mechanische Merkmale

Farbe: RAL9003 - signalweiß (Strukturlack)

Typ : Einzelleuchte

IP: IP20

Elektrische Ausrüstung

Betriebsgerät: DALI dimmbar

Stromverbrauch : 22 W

Spannung : 220-240V

Frequenz : 50-60Hz AC

Fotobiologische Sicherheit : EN 62471: RISK GROUP 0
UNLIMITED

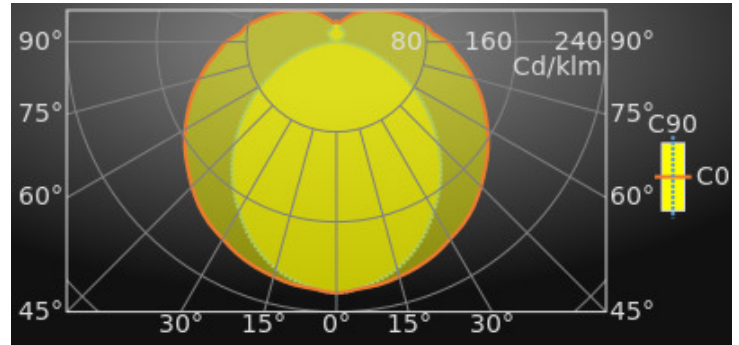
Leuchtdichte

Lichtstrom : 2450 lm

Spezifischer Lichtstrom : 111 lm/W

UGR-Klassifizierung ≤ 25

leuchtende Fläche : 0.06 m²



Average Luminances (Cd/m²) for 2450lm

Gamma	C0	C30	C45	C60	C90
45°	5127	5115	5142	5328	7107
50°	4906	4867	4865	4984	6776
55°	4723	4648	4589	4646	6421
60°	4547	4432	4343	4327	6010
65°	4396	4256	4124	4023	5567
70°	4267	4093	3943	3764	5074
75°	4134	3961	3790	3548	4454
80°	4046	3871	3671	3375	3731
85°	3943	3770	3570	3266	2619

Klassifikationen

CIE: 300 / 522 / 679 / 788 / 1000

CIE FLUXCODE : 0.38 / 0.66 / 0.86 / 0.79 / 1.00

BZ: BZ10/1.25/BZ5/1.5/BZ10

CAE: CAE 4/5°/CAE 3/25°/CAE 2/75°/CAE 3

DIN: B30 (Nach Arbeitsblatt 7 und 8)

DIN_U: Phi u = 0.79

DIN_SU: Phi su = 0.45

UTE: 0.79 H + 0.21 T



Lichtstärken in cd

Lifetime Data (Tq=25.0°C)

Time(khrs)	LLMF(%)	Cx(%)
10	99	2
20	98	4
30	97	6
40	97	8
50	96	10
60	95	12

Intensity for 2450lm

Gamma	C0	C45	C90	Gamma	C0	C45	C90
0°	547.1	547.1	547.1	90°	240.3	156.4	2.9
5°	540.2	539.2	538.9	95°	211.1	135.0	2.7
10°	536.8	532.1	527.6	100°	199.2	125.8	4.4
15°	529.4	520.9	511.5	105°	179.9	113.4	6.8
20°	521.2	505.4	488.0	110°	163.1	102.4	10.0
25°	510.4	484.9	458.8	115°	146.4	92.8	13.4
30°	495.8	462.3	424.8	120°	131.9	84.7	16.7
35°	483.1	437.9	391.5	125°	118.8	77.6	19.3
40°	466.2	410.9	354.6	130°	107.3	71.4	22.6
45°	445.7	382.3	312.8	135°	97.0	65.4	25.8
50°	424.4	354.6	271.1	140°	87.3	60.3	27.6
55°	403.4	325.1	229.2	145°	77.1	56.0	29.0
60°	380.4	296.6	187.0	150°	68.4	51.4	28.5
65°	357.4	268.9	146.4	155°	60.1	47.5	29.2
70°	334.2	242.9	108.0	160°	53.2	43.6	28.4
75°	308.9	218.2	71.7	165°	47.4	40.1	33.6
80°	285.5	194.8	40.3	170°	42.5	39.7	39.1
85°	259.8	172.0	14.2	175°	42.4	42.2	42.6
90°	240.3	156.4	2.9	180°	44.6	44.6	44.6

UGR-Klassifizierung

Corrected Glare Ratings for a Total Lamp Flux of 2450lm (S = 0.25H)

Ceiling Walls Floor	Room Reflection Factors (%)									
	70	70	50	50	30	70	70	50	50	30
Room Dimensions	Viewed Crosswise					Viewed Endwise				
X = 2H Y = 2H	17.1	18.5	17.7	19.1	19.7	15.8	17.2	16.4	17.9	18.4
Y = 3H	19.1	20.5	19.8	21.1	21.7	17.1	18.4	17.7	19.0	19.6
Y = 4H	20.2	21.4	20.8	22.1	22.7	17.5	18.8	18.2	19.4	20.0
Y = 6H	21.2	22.3	21.8	23.0	23.6	17.8	19.0	18.4	19.6	20.3
Y = 8H	21.7	22.8	22.3	23.5	24.1	17.9	19.0	18.5	19.7	20.3
Y = 12H	22.1	23.2	22.8	23.9	24.5	17.9	18.9	18.5	19.6	20.3
X = 4H Y = 2H	17.6	18.8	18.2	19.5	20.1	16.6	17.8	17.2	18.5	19.1
Y = 3H	19.9	21.0	20.6	21.7	22.3	18.1	19.2	18.8	19.9	20.5
Y = 4H	21.1	22.1	21.8	22.8	23.4	18.7	19.7	19.4	20.4	21.1
Y = 6H	22.3	23.2	23.0	23.9	24.6	19.1	20.0	19.9	20.8	21.4
Y = 8H	22.9	23.7	23.6	24.4	25.1	19.3	20.1	20.0	20.8	21.5
Y = 12H	23.4	24.2	24.2	25.0	25.7	19.3	20.1	20.0	20.8	21.5
X = 8H Y = 4H	21.4	22.2	22.1	22.9	23.6	19.4	20.2	20.1	20.9	21.6
Y = 6H	22.8	23.5	23.6	24.3	25.0	20.1	20.8	20.8	21.6	22.3
Y = 8H	23.6	24.2	24.3	25.0	25.7	20.4	21.0	21.1	21.8	22.5
Y = 12H	24.3	24.9	25.1	25.7	26.4	20.5	21.1	21.3	21.9	22.7
X = 12H Y = 4H	21.4	22.1	22.1	22.9	23.6	19.5	20.3	20.2	21.0	21.7
Y = 6H	22.9	23.5	23.7	24.3	25.0	20.4	21.0	21.1	21.8	22.5
Y = 8H	23.7	24.3	24.5	25.1	25.8	20.8	21.3	21.5	22.1	22.9
UGR Variations with Observer Position for Luminaire Spacings S										
S = 1.0H	+0.1		-0.1		+0.1		-0.1			
S = 1.5H	+0.2		-0.2		+0.1		-0.2			
S = 2.0H	+0.2		-0.3		+0.3		-0.4			



Colour properties

Correlated Colour Temperature : 3000

Farbwiedergabeindex Ra: 80

Leuchten-Betriebwirkungsgrad

Utilisation Factors according to IES (%)

	Room Reflection Factors (%)									
	80	80	80	50	50	50	30	30	30	0
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	94	90	88	81	79	77	74	72	70	60
2	81	75	70	69	65	62	63	59	56	48
3	70	63	58	60	55	51	55	50	47	39
4	62	54	48	53	47	43	48	43	39	33
5	55	47	41	48	41	37	43	38	34	28
6	50	41	35	43	36	32	39	34	29	24
7	45	36	31	39	32	28	36	30	26	22
8	41	33	27	36	29	25	33	27	23	19
9	37	29	24	33	26	22	30	25	21	17
10	34	27	22	30	24	20	28	22	19	15

Utilisation Factors according to LiTG (%)

	Room Reflection Factors (%)									
	80	80	80	50	50	50	50	50	30	0
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	41	32	39	31	36	29	35	28	26	19
0.80	51	41	48	39	44	37	42	36	33	25
1.00	59	49	55	46	51	43	48	42	39	30
1.25	67	57	62	54	58	51	55	49	45	36
1.50	74	64	67	59	63	56	59	54	50	40
2.00	82	73	74	67	70	64	65	60	56	46
2.50	89	80	79	72	76	70	70	65	61	51
3.00	94	86	82	77	80	74	74	69	65	54
4.00	100	93	86	82	84	80	77	74	68	58
5.00	104	98	89	85	88	84	80	77	72	61

Zubehör

R8H10 Kupplungsstück für Inline-Montage

Vermaßte Skizze

