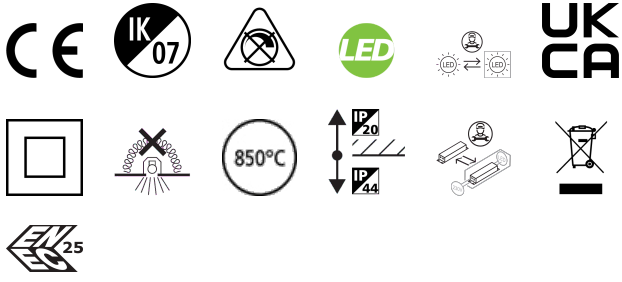


# Insaver UGR19 IP44 225 2950LM 830

Item No: 0030506

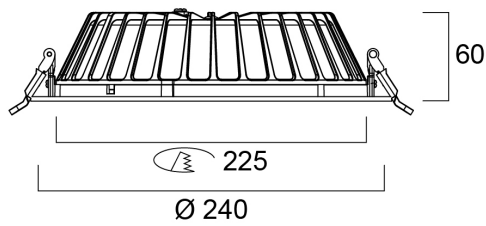
**SYLVANIA**

**PRO**



## Technical Assets

### Dimensions (mm)



### Photometrics

Beam Angle	Beam Diameter (mm)	Beam Area (mm²)	Beam Area (ft²)	Beam Area (sq ft)
0.5	0.6	0.28	0.003	0.003
1.0	1.2	1.13	0.012	0.012
1.5	1.8	2.54	0.027	0.027
2.0	2.4	4.52	0.049	0.049
2.5	3.0	7.07	0.076	0.076
3.0	3.6	10.17	0.110	0.110
3.5	4.2	13.82	0.150	0.150
4.0	4.8	18.10	0.197	0.197
4.5	5.4	23.00	0.251	0.251
5.0	6.0	28.27	0.305	0.305
5.5	6.6	33.91	0.367	0.367
6.0	7.2	40.00	0.429	0.429
6.5	7.8	46.55	0.499	0.499
7.0	8.4	53.57	0.577	0.577
7.5	9.0	61.07	0.662	0.662
8.0	9.6	69.06	0.744	0.744
8.5	10.2	77.55	0.833	0.833
9.0	10.8	86.55	0.928	0.928
9.5	11.4	96.07	1.029	1.029
10.0	12.0	106.17	1.136	1.136
10.5	12.6	116.87	1.249	1.249
11.0	13.2	128.17	1.368	1.368
11.5	13.8	139.99	1.493	1.493
12.0	14.4	152.34	1.624	1.624
12.5	15.0	165.23	1.761	1.761
13.0	15.6	178.67	1.904	1.904
13.5	16.2	192.67	2.053	2.053
14.0	16.8	207.23	2.208	2.208
14.5	17.4	222.37	2.369	2.369
15.0	18.0	238.09	2.536	2.536
15.5	18.6	254.40	2.709	2.709
16.0	19.2	271.31	2.887	2.887
16.5	19.8	288.83	3.071	3.071
17.0	20.4	306.97	3.261	3.261
17.5	21.0	325.74	3.457	3.457
18.0	21.6	345.15	3.659	3.659
18.5	22.2	365.21	3.867	3.867
19.0	22.8	385.93	4.081	4.081
19.5	23.4	407.32	4.301	4.301
20.0	24.0	429.39	4.527	4.527
20.5	24.6	452.15	4.759	4.759
21.0	25.2	475.61	4.997	4.997
21.5	25.8	499.78	5.241	5.241
22.0	26.4	524.67	5.491	5.491
22.5	27.0	550.29	5.747	5.747
23.0	27.6	576.65	6.009	6.009
23.5	28.2	603.76	6.277	6.277
24.0	28.8	631.63	6.551	6.551
24.5	29.4	660.27	6.831	6.831
25.0	30.0	689.69	7.317	7.317
25.5	30.6	719.89	7.609	7.609
26.0	31.2	750.88	7.907	7.907
26.5	31.8	782.67	8.211	8.211
27.0	32.4	815.27	8.521	8.521
27.5	33.0	848.68	8.837	8.837
28.0	33.6	882.91	9.159	9.159
28.5	34.2	917.97	9.487	9.487
29.0	34.8	953.87	9.821	9.821
29.5	35.4	990.62	10.161	10.161
30.0	36.0	1028.23	10.507	10.507
30.5	36.6	1066.71	10.859	10.859
31.0	37.2	1106.07	11.217	11.217
31.5	37.8	1146.32	11.581	11.581
32.0	38.4	1187.47	11.951	11.951
32.5	39.0	1229.53	12.327	12.327
33.0	39.6	1272.51	12.709	12.709
33.5	40.2	1316.42	13.097	13.097
34.0	40.8	1361.27	13.491	13.491
34.5	41.4	1407.07	13.891	13.891
35.0	42.0	1453.83	14.297	14.297
35.5	42.6	1501.56	14.709	14.709
36.0	43.2	1550.27	15.127	15.127
36.5	43.8	1599.97	15.551	15.551
37.0	44.4	1650.67	15.981	15.981
37.5	45.0	1702.38	16.417	16.417
38.0	45.6	1755.11	16.859	16.859
38.5	46.2	1808.87	17.307	17.307
39.0	46.8	1863.67	17.761	17.761
39.5	47.4	1919.51	18.221	18.221
40.0	48.0	1976.41	18.687	18.687
40.5	48.6	2034.37	19.159	19.159
41.0	49.2	2093.40	19.637	19.637
41.5	49.8	2153.51	20.121	20.121
42.0	50.4	2214.71	20.611	20.611
42.5	51.0	2277.01	21.107	21.107
43.0	51.6	2340.42	21.609	21.609
43.5	52.2	2405.94	22.117	22.117
44.0	52.8	2473.58	22.631	22.631
44.5	53.4	2543.35	23.151	23.151
45.0	54.0	2615.26	23.677	23.677
45.5	54.6	2689.32	24.209	24.209
46.0	55.2	2765.54	24.747	24.747
46.5	55.8	2843.93	25.291	25.291
47.0	56.4	2924.50	25.841	25.841
47.5	57.0	3007.25	26.397	26.397
48.0	57.6	3092.19	26.959	26.959
48.5	58.2	3179.33	27.527	27.527
49.0	58.8	3268.67	28.101	28.101
49.5	59.4	3360.22	28.681	28.681
50.0	60.0	3453.98	29.267	29.267
50.5	60.6	3549.96	29.859	29.859
51.0	61.2	3648.16	30.457	30.457
51.5	61.8	3748.59	31.061	31.061
52.0	62.4	3851.26	31.671	31.671
52.5	63.0	3956.17	32.287	32.287
53.0	63.6	4063.33	32.909	32.909
53.5	64.2	4172.75	33.537	33.537
54.0	64.8	4284.43	34.171	34.171
54.5	65.4	4398.38	34.811	34.811
55.0	66.0	4514.61	35.457	35.457
55.5	66.6	4633.12	36.109	36.109
56.0	67.2	4753.92	36.767	36.767
56.5	67.8	4877.02	37.431	37.431
57.0	68.4	5002.43	38.101	38.101
57.5	69.0	5130.16	38.777	38.777
58.0	69.6	5260.22	39.459	39.459
58.5	70.2	5392.62	40.147	40.147
59.0	70.8	5527.37	40.841	40.841
59.5	71.4	5664.48	41.541	41.541
60.0	72.0	5803.95	42.247	42.247
60.5	72.6	5945.79	42.959	42.959
61.0	73.2	6089.99	43.677	43.677
61.5	73.8	6236.56	44.401	44.401
62.0	74.4	6385.50	45.131	45.131
62.5	75.0	6536.82	45.867	45.867
63.0	75.6	6690.53	46.609	46.609
63.5	76.2	6846.64	47.357	47.357
64.0	76.8	7005.16	48.111	48.111
64.5	77.4	7166.19	48.871	48.871
65.0	78.0	7329.74	49.637	49.637
65.5	78.6	7495.82	50.409	50.409
66.0	79.2	7664.44	51.187	51.187
66.5	79.8	7835.61	51.971	51.971
67.0	80.4	8009.34	52.761	52.761
67.5	81.0	8185.63	53.557	53.557
68.0	81.6	8364.49	54.359	54.359
68.5	82.2	8545.92	55.167	55.167
69.0	82.8	8729.93	55.981	55.981
69.5	83.4	8916.52	56.801	56.801
70.0	84.0	9105.70	57.627	57.627
70.5	84.6	9297.48	58.459	58.459
71.0	85.2	9491.86	59.297	59.297
71.5	85.8	9688.84	60.141	60.141
72.0	86.4	9888.42	60.991	60.991
72.5	87.0	10090.60	61.847	61.847
73.0	87.6	10295.38	62.709	62.709
73.5	88.2	10502.76	63.577	63.577
74.0	88.8	10712.74	64.451	64.451
74.5	89.4	10925.32	65.331	65.331
75.0	90.0	11140.50	66.217	66.217
75.5	90.6	11358.28	67.109	67.109
76.0	91.2	11578.66	68.007	68.007
76.5	91.8	11801.64	68.911	68.911
77.0	92.4	12027.22	69.821	69.821
77.5	93.0	12255.40	70.737	70.737
78.0	93.6	12486.18	71.659	71.659
78.5	94.2	12719.56	72.587	72.587
79.0	94.8	12955.54	73.521	73.521
79.5	95.4	13194.12	74.461	74.461
80.0	96.0	13435.30	75.407	75.407
80.5	96.6	13679.08	76.359	76.359
81.0	97.2	13925.46	77.317	77.317
81.5	97.8	14174.44	78.281	78.281
82.0	98.4	14426.02	79.251	79.251
82.5	99.0	14680.20	80.227	80.227
83.0	99.6	14936.98	81.209	81.209
83.5	100.2	15196.36	82.197	82.197
84.0	100.8	15458.34	83.191	83.191
84.5	101.4	15722.92	84.191	84.191
85.0	102.0	15990.10	85.197	85.197
85.5	102.6	16259.88	86.209	86.209
86.0	103.2	16532.26	87.227	87.227
86.5	103.8	16807.24	88.251	88.251
87.0	104.4	17084.82	89.281	89.281
87.5	105.0	17365.00	90.317	90.317
88.0	105.6	17647.78	91.359	91.359
88.5	106.2	17933.16	92.407	92.407
89.0	106.8	18221.14	93.461	93.461
89.5	107.4	18511.72	94.521	94.521
90.0	108.0	18804.90	95.587	95.587
90.5	108.6	19100.68	96.659	96.659
91.0	109.2	19399.06	97.737	97.737
91.5	109.8	19700.04	98.821	98.821
92.0	110.4	20003.62	99.911	99.911
92.5	111.0	20309.80	101.007	101.007
93.0	111.6	206		

# Insaver UGR19 IP44 225 2950LM 830

Item No: 0030506

**SYLVANIA**

## General data

Product name	Insaver UGR19 IP44 225 2950LM 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4278532
Warranty	5 years

## Optical data

Useful luminous flux (Φ <sub>use</sub> )	2950
Fixture luminous flux (lm)	2950
Luminaire efficacy (lm/W)	123
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	24
Primary Supply/Product voltage - min (V)	220.0
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimming method	N/A
Drive current (mA)	630
Inrush Current (A)	26.8
Inrush Duration (µs)	276
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	11
Max. products per 16A C Breaker	17
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

## Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	100000
Lifespan L80 B20	88000
Lifespan L80 B10	80000
Lifespan L90 B50	50000
Lifespan L90 B20	43000
Lifespan L90 B10	39000

# Insaver UGR19 IP44 225 2950LM 830

Item No: 0030506



## Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	240
Built-in diameter (mm)	225
Weight (kg)	0.83

## Packaging

Product EAN number	5410288305066
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.5
DUN14 (inner)	15410288305063
Packaging outer length / height (cm)	52.5

## Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40