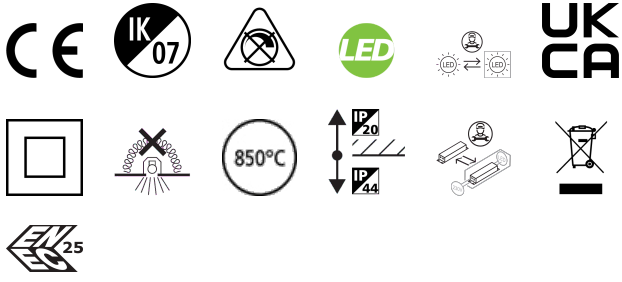


Insaver U19 IP44 205 620-1950 830 Multi

Item No: 0030550

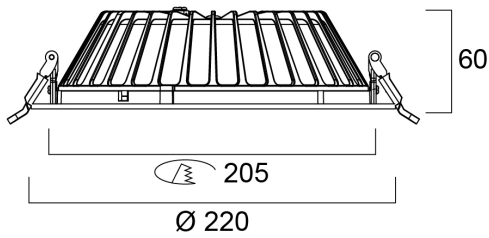
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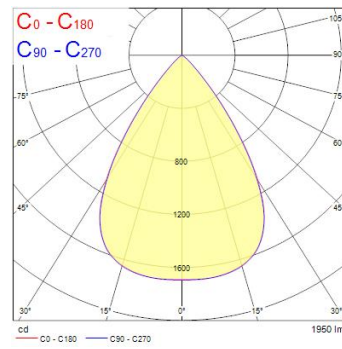
Technical Assets

Dimensions (mm)



Photometrics

Beam Angle (°)	Beam Diameter (mm)	Beam Area (cm²)	Beam Area (ft²)
0.5	6.6	0.034	0.0004
1.0	13.2	0.136	0.0015
1.5	19.8	0.314	0.0034
2.0	26.4	0.554	0.0060
2.5	33.0	0.858	0.0092
3.0	39.6	1.227	0.0133
3.5	46.2	1.662	0.0181
4.0	52.8	2.164	0.0236
4.5	59.4	2.734	0.0298
5.0	66.0	3.372	0.0367
5.5	72.6	4.079	0.0443
6.0	79.2	4.854	0.0526
6.5	85.8	5.698	0.0616
7.0	92.4	6.612	0.0713
7.5	99.0	7.596	0.0827
8.0	105.6	8.650	0.0948
8.5	112.2	9.774	0.1076
9.0	118.8	10.968	0.1211
9.5	125.4	12.232	0.1353
10.0	132.0	13.566	0.1503
10.5	138.6	14.970	0.1660
11.0	145.2	16.444	0.1824
11.5	151.8	17.988	0.1995
12.0	158.4	19.602	0.2173
12.5	165.0	21.286	0.2358
13.0	171.6	23.040	0.2550
13.5	178.2	24.864	0.2749
14.0	184.8	26.758	0.2955
14.5	191.4	28.722	0.3168
15.0	198.0	30.756	0.3388
15.5	204.6	32.860	0.3615
16.0	211.2	35.034	0.3849
16.5	217.8	37.278	0.4090
17.0	224.4	39.592	0.4338
17.5	231.0	41.976	0.4593
18.0	237.6	44.430	0.4855
18.5	244.2	46.954	0.5124
19.0	250.8	49.548	0.5400
19.5	257.4	52.212	0.5683
20.0	264.0	54.946	0.5973
20.5	270.6	57.750	0.6270
21.0	277.2	60.624	0.6574
21.5	283.8	63.568	0.6885
22.0	290.4	66.582	0.7203
22.5	297.0	69.666	0.7528
23.0	303.6	72.820	0.7860
23.5	310.2	76.044	0.8199
24.0	316.8	79.338	0.8545
24.5	323.4	82.702	0.8898
25.0	330.0	86.136	0.9258
25.5	336.6	89.640	0.9625
26.0	343.2	93.214	0.9998
26.5	349.8	96.858	1.0378
27.0	356.4	100.572	1.0764
27.5	363.0	104.356	1.1156
28.0	369.6	108.210	1.1554
28.5	376.2	112.134	1.1958
29.0	382.8	116.128	1.2368
29.5	389.4	120.192	1.2784
30.0	396.0	124.326	1.3206
30.5	402.6	128.530	1.3634
31.0	409.2	132.804	1.4068
31.5	415.8	137.148	1.4508
32.0	422.4	141.562	1.4954
32.5	429.0	146.046	1.5406
33.0	435.6	150.600	1.5864
33.5	442.2	155.224	1.6328
34.0	448.8	159.918	1.6798
34.5	455.4	164.682	1.7274
35.0	462.0	169.516	1.7756
35.5	468.6	174.420	1.8244
36.0	475.2	179.394	1.8738
36.5	481.8	184.438	1.9238
37.0	488.4	189.552	1.9744
37.5	495.0	194.736	2.0256
38.0	501.6	199.990	2.0774
38.5	508.2	205.314	2.1298
39.0	514.8	210.718	2.1828
39.5	521.4	216.192	2.2364
40.0	528.0	221.736	2.2906
40.5	534.6	227.350	2.3454
41.0	541.2	233.034	2.4008
41.5	547.8	238.788	2.4568
42.0	554.4	244.612	2.5134
42.5	561.0	250.506	2.5706
43.0	567.6	256.470	2.6284
43.5	574.2	262.504	2.6868
44.0	580.8	268.608	2.7458
44.5	587.4	274.782	2.8054
45.0	594.0	281.026	2.8656
45.5	600.6	287.340	2.9264
46.0	607.2	293.724	2.9878
46.5	613.8	300.178	3.0498
47.0	620.4	306.702	3.1124
47.5	627.0	313.296	3.1756
48.0	633.6	319.960	3.2394
48.5	640.2	326.694	3.3038
49.0	646.8	333.508	3.3688
49.5	653.4	340.392	3.4344
50.0	660.0	347.346	3.5006
50.5	666.6	354.370	3.5674
51.0	673.2	361.464	3.6348
51.5	679.8	368.628	3.7028
52.0	686.4	375.862	3.7714
52.5	693.0	383.166	3.8406
53.0	699.6	390.540	3.9104
53.5	706.2	397.984	3.9808
54.0	712.8	405.498	4.0518
54.5	719.4	413.082	4.1234
55.0	726.0	420.736	4.1956
55.5	732.6	428.460	4.2684
56.0	739.2	436.254	4.3418
56.5	745.8	444.118	4.4158
57.0	752.4	452.052	4.4904
57.5	759.0	460.056	4.5656
58.0	765.6	468.130	4.6414
58.5	772.2	476.274	4.7178
59.0	778.8	484.488	4.7948
59.5	785.4	492.772	4.8724
60.0	792.0	501.126	4.9506
60.5	798.6	509.550	5.0294
61.0	805.2	518.044	5.1088
61.5	811.8	526.608	5.1888
62.0	818.4	535.242	5.2694
62.5	825.0	543.946	5.3506
63.0	831.6	552.720	5.4324
63.5	838.2	561.564	5.5148
64.0	844.8	570.478	5.5978
64.5	851.4	579.462	5.6814
65.0	858.0	588.516	5.7656
65.5	864.6	597.640	5.8504
66.0	871.2	606.834	5.9358
66.5	877.8	616.098	6.0218
67.0	884.4	625.432	6.1084
67.5	891.0	634.836	6.1956
68.0	897.6	644.310	6.2834
68.5	904.2	653.854	6.3718
69.0	910.8	663.468	6.4608
69.5	917.4	673.152	6.5504
70.0	924.0	682.906	6.6406
70.5	930.6	692.730	6.7314
71.0	937.2	702.624	6.8228
71.5	943.8	712.588	6.9148
72.0	950.4	722.622	7.0074
72.5	957.0	732.726	7.1006
73.0	963.6	742.890	7.1944
73.5	970.2	753.114	7.2888
74.0	976.8	763.408	7.3838
74.5	983.4	773.772	7.4794
75.0	990.0	784.206	7.5756
75.5	996.6	794.710	7.6724
76.0	1003.2	805.284	7.7698
76.5	1009.8	815.928	7.8678
77.0	1016.4	826.642	7.9664
77.5	1023.0	837.426	8.0656
78.0	1029.6	848.280	8.1654
78.5	1036.2	859.204	8.2658
79.0	1042.8	870.198	8.3668
79.5	1049.4	881.262	8.4684
80.0	1056.0	892.396	8.5706
80.5	1062.6	903.590	8.6734
81.0	1069.2	914.854	8.7768
81.5	1075.8	926.188	8.8808
82.0	1082.4	937.592	8.9854
82.5	1089.0	949.066	9.0906
83.0	1095.6	960.610	9.1964
83.5	1102.2	972.224	9.3028
84.0	1108.8	983.908	9.4098
84.5	1115.4	995.662	9.5174
85.0	1122.0	1007.486	9.6256
85.5	1128.6	1019.380	9.7344
86.0	1135.2	1031.344	9.8438
86.5	1141.8	1043.378	9.9538
87.0	1148.4	1055.482	10.0644
87.5	1155.0	1067.656	10.1756
88.0	1161.6	1079.890	10.2874
88.5	1168.2	1092.194	10.3998
89.0	1174.8	1104.568	10.5128
89.5	1181.4	1117.012	10.6264
90.0	1188.0	1129.526	10.7406
90.5	1194.6	1142.110	10.8554
91.0	1201.2	1154.764	10.9708
91.5	1207.8	1167.488	11.0868
92.0	1214.4	1180.282	11.2034
92.5	1221.0	1193.146	11.3206
93.0	1227.6	1206.080	11.4384
93.5	1234.2	1219.084	11.5568
94.0	1240.8	1232.158	11.6758
94.5	1247.4	1245.302	11.7954
95.0	1254.0	1258.516	11.9156
95.5	1260.6	1271.790	12.0364
96.0	1267.2	1285.134	12.1578
96.5	1273.8	1298.548	12.2798
97.0	1280.4	1312.032	12.4024
97.5	1287.0	1325.586	12.5256
98.0	1293.6	1339.210	12.6494
98.5	1300.2	1352.904	12.7738
99.0	1306.8	1366.668	12.8988
99.5	1313.4	1380.502	13.0244
100.0	1320.0	1394.406	13.1506



Insaver U19 IP44 205 620-1950 830 Multi

Item No: 0030550

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General data

Product name	Insaver U19 IP44 205 620-1950 830 Multi
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	4278527
Warranty	5 years

Optical data

Useful luminous flux (Φ _{use})	1950
Fixture luminous flux (lm)	1950
Luminaire efficacy (lm/W)	122
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)	16
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)	500
Inrush Current (A)	10
Inrush Duration (µs)	100
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	32
Max. products per 16A C Breaker	51
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	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 U19 IP44 205 620-1950 830 Multi

Item No: 0030550



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)	220
Built-in diameter (mm)	205
Weight (kg)	0.73

Packaging

Product EAN number	5410288305509
Packaging single width (cm)	23.2
Packaging single depth (cm)	8.0
DUN14 (inner)	15410288305506
Packaging outer length / height (cm)	48.0

Safety data

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