

Wall Round



Specification

Luminaire body material: 6061 aluminum (processed by CNC technology);
 Anti-glare louvers design for different optics, High efficiency;
 Surface color of luminaire: Matte gray, black, white;
 Protection, Insulation & Performance Ratings;
 IP rating: IP66;
 IK rating: IK07;
 Insulation class: Class I;
 Surface temperature: < 55°;
 Working temperature: -20°C~50°C;
 Symmetrical light: 1°, 3°, 5°, 10°, 15°, 24°, 36°, 60°;
 Multiple elliptical lenses are available, including 1*60°, 1*40°, 1*15°, 10*60°, 10*40°, and 15*60°.

Size

Downlight					
	15W D60mm	18W D80mm	24W D100mm	36W D130mm	48W D160mm
Up/down light					
	2*8W D60mm	2*9W D100mm	2*15W D130mm	2*24W D160mm	36/48W D180mm

Ceiling Round



Specification

Luminaire body material: 6061 aluminum (processed by CNC technology);

Anti-glare louvers design for different optics, High efficiency;

Surface color of luminaire: Matte gray, black, white;

Protection, Insulation & Performance Ratings;

IP rating: IP66;

IK rating: IK07;

Insulation class: Class I;

Surface temperature: < 55°;

Working temperature: -20°C~50°C;

Symmetrical light: 1°, 3°, 5°, 10°, 15°, 24°, 36°, 60°;

Multiple elliptical lenses are available, including 1*60°, 1*40°, 1*15°, 10*60°, 10*40°, and 15*60°.

Size

Ceiling
Downlight



15W
D60mm



18W
D80mm



24W
D100mm



36W
D130mm

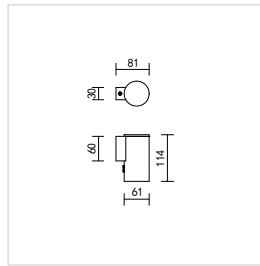


48W
D160mm

Wall round / ceiling round
D60mm downlight

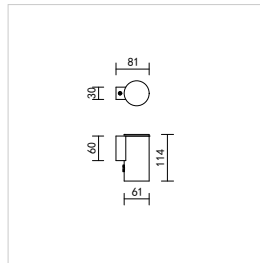


Wall light Reflector version



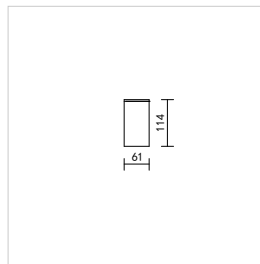
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP60-WF15WA13Q27-LV	15	8394	14	27	1350	90
SP60-WF15WA22Q35-LV	15	5801	22	35	1350	90
SP60-WF15WA34Q47-LV	15	3382	34	47	1350	90
SP60-WF15WA49Q77-LV	15	1475	49	77	1431	955
SP60-WF15WA1040-LV	15	3647	10°40		1113	556
SP60-WF15WA1060-LV	15	2290	10°60		1215	608
SP60-WF15WA1460-LV	15	1562	14°60		1305	653
SP60-WF15WA2063-LV	15	1177	20°63		1245	623

Wall light Lens version

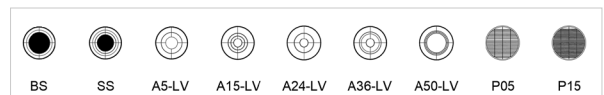


CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP60-W15WA15-LV	15	4864	18	34	1455	585
SP60-W15WA24-LV	15	2769	22	41	1455	481
SP60-W15WA36-LV	15	1923	39	64	1455	851
SP60-W15WA50-LV	15	1256	51	81	1455	904
SP60-W15WA0520-LV	15	9110	5°20		1154	450
SP60-W15WA15-LV-RGBW	15	3162	18	34	946	380
SP60-W15WA24-LV-RGBW	15	1800	22	41	946	313
SP60-W15WA36-LV-RGBW	15	1250	39	64	946	553
SP60-W15WA50-LV-RGBW	15	816	51	81	946	588

Ceiling downlight Reflector version

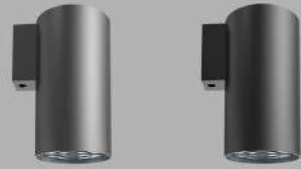


CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP60-DF15WA13Q27-LV	15	8394	13	27	1350	604
SP60-DF15WA22Q35-LV	15	5801	22	35	1350	857
SP60-DF15WA34Q47-LV	15	3382	34	47	1350	1006
SP60-DF15WA49Q77-LV	15	1475	49	77	1431	955
SP60-DF15WA1040-LV	15	3647	10°40		1113	556
SP60-DF15WA1060-LV	15	2290	10°60		1215	608
SP60-DF15WA1460-LV	15	1562	14°60		1305	653
SP60-DF15WA2063-LV	15	1177	20°63		1245	623

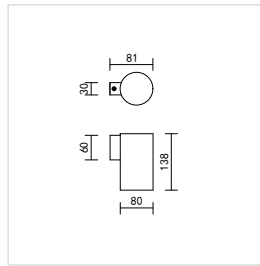


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Wall round / ceiling round
D80mm downlight

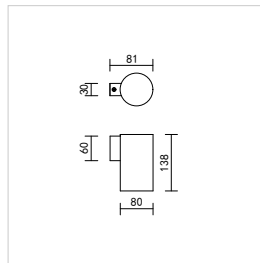


Wall light
Reflector -Ultra narrow beam



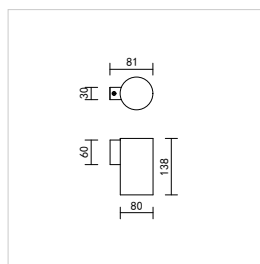
CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP80-WP3WA1Q3-BS	3	12368	1.2	3.2	175	12
SP80-WP3WA2Q6-SS	3	20079	2	5.6	175	58
SP80-WP3WA3Q6-SS	3	30923	2.6	6.2	175	127
SP80-WG5WA2Q7-LV	5	26240	2	7.1	242	123
SP80-WH9WA3Q6-BS	9	12320	3.1	6	447	53
SP80-WH9WA4Q7-SS	9	18349	3.5	7	427	90

Wall light
Reflector version

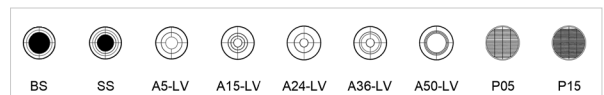


CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP80-WF18WA12Q24-LV	18	12802	12	24	1646	729
SP80-WF18WA17Q30-LV	18	9157	17	30	1602	869
SP80-WF18WA20Q35-LV	18	8682	20	35	1569	1114
SP80-WF18WA30Q46-LV	18	5149	30	46	1542.5	1300
SP80-WF18WA48Q70-LV	18	1583	48	70	1481	921
SP80-WF18WA1040-LV	18	4377	10°40		1335	668
SP80-WF18WA1060-LV	18	2748	10°60		1458	729
SP80-WF18WA1460-LV	18	1875	14°60		1566	783
SP80-WF18WA2063-LV	18	1413	20°63		1494	747

Wall light
Reflector version wall washer

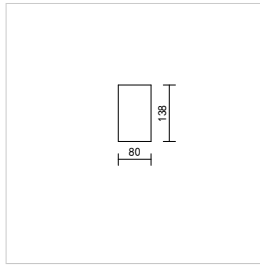


CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP80-WF12WP15W	12	1080	44°72° P15	88°140:P15	925	925
SP80-WF12WP15H	12	2232	32°54:P15	45°90:P15	1080	1080
SP80-WF12WP15HW	12	1453	30°63:P15	80°160:P15	852	852



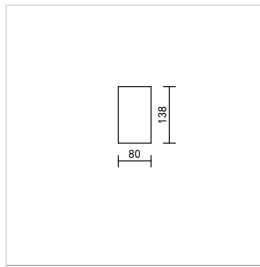
Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Ceiling downlight
Reflector -Ultra narrow beam



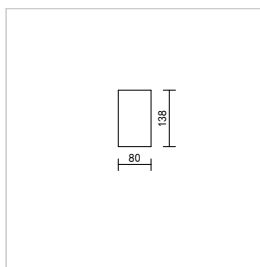
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP80-DP3WA1Q3-BS	3	12368	1.2	3.2	175	12
SP80-DP3WA2Q6-SS	3	20079	2	5.6	175	58
SP80-DG5WA2Q7-LV	5	26240	2	7.1	242	123
SP80-DH9WA3Q6-BS	9	12320	3.1	6	447	53
SP80-DH9WA4Q7-SS	9	18349	3.5	7	427	90

Ceiling downlight
Reflector version

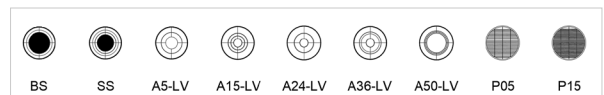


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP80-DF18WA12Q24-LV	18	12802	12	24	1646	726
SP80-DF18WA17Q30-LV	18	9157	17	30	1602	869
SP80-DF18WA20Q35-LV	18	8682	20	35	1569	1114
SP80-DF18WA30Q46-LV	18	5149	30	46	1543	1300
SP80-DF18WA48Q70-LV	18	1583	48	70	1481	921
SP80-DF18WA1040-LV	18	8754	10*40		1335	668
SP80-DF18WA1060-LV	18	5496	10*60		1458	729
SP80-DF18WA1460-LV	18	3750	14*60		1566	783
SP80-DF18WA2063-LV	18	2826	20*63		1494	747

Ceiling downlight
Reflector wall washer



CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP80-DF8WP15W	8	388	44*72:P15	88*140:P15	392	392
SP80-DF12WP15H	12	2687	32*54:P15	45*90:P15	1001	1001
SP80-DF8WP15HW	8	484	30*63:P15	80*160:P15	284	284

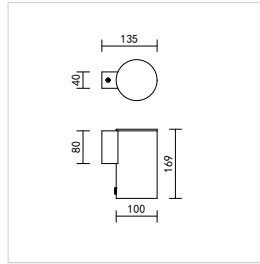


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Wall round / ceiling round
D100mm downlight

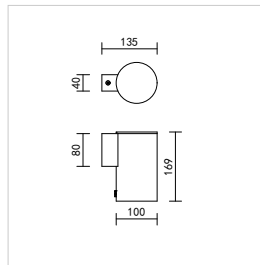


Wall light Reflector -Ultra narrow beam



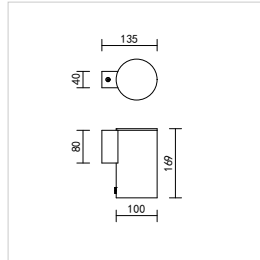
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-WP12WA3Q6-SS	12	54498	3.2	5.7	672	199
SP100-WP12WA4Q7-LV	12	61434	3.4	7.1	672	311

Wall light Reflector version



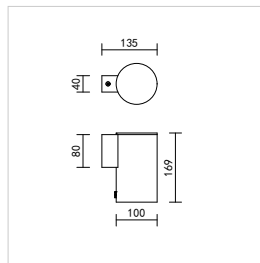
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-WF16WA8Q16-LV	16	14166	8	16	927	364
SP100-WF24WA13Q24-LV	24	11574	13	25	1808	807
SP100-WF24WA20Q36-LV	24	9506	20	36	1911	1277
SP100-WF24WA32Q48-LV	24	4773	32	48	1866	1285
SP100-WF24WA49Q68-LV	24	2160	49	68	2868	1233
SP100-WF24WA1040-LV	24	5836	10*40		1780	890
SP100-WF24WA1060-LV	24	3664	10*60		1944	972
SP100-WF24WA1460-LV	24	2500	14*60		2088	1044
SP100-WF24WA2063-LV	24	1884	20*63		1992	996

Wall light Reflector version wall washer

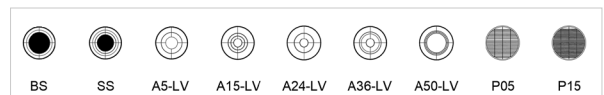


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-WF16WP15W	16	1438	44*72:P15	88*140:P15	1231	1231
SP100-WF24WP15H	24	4463	32*54:P15	45*90:P15	2161	2161
SP100-WF24WP15HW	24	2906	30*63:P15	80*160:P15	1703	1703

Wall light Lens version

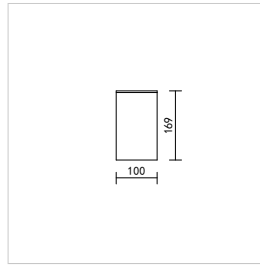


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-W24WA10-LV	24	14308	9	20	2296	628
SP100-W24WA15-LV	24	7524	18	34	2248	904
SP100-W24WA24-LV	24	4284	22	40	2250	745
SP100-W24WA36-LV	24	3078	39	64	2249	1377
SP100-W24WA50-LV	24	1944	51	81	2172	1398
SP100-W24WA0520-LV	24	14575	5*20		1849	721
SP100-W24WA10-LV-RGBW	24	9300	9	20	1492	408
SP100-W24WA15-LV-RGBW	24	4890	18	34	1461	587
SP100-W24WA24-LV-RGBW	24	2784	22	40	1462	484
SP100-W24WA36-LV-RGBW	24	2000	39	64	1461	895
SP100-W24WA50-LV-RGBW	24	1263	51	81	1411	908



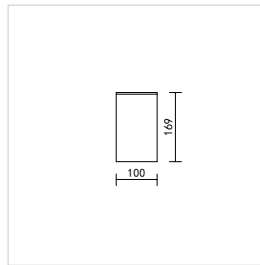
Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Ceiling downlight
Reflector -Ultra narrow beam



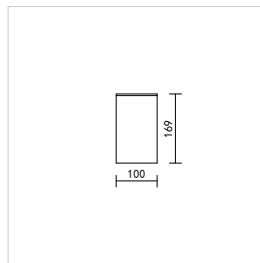
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-DP12WA3Q6-SS	12	54498	3.2	5.7	672	199
SP100-DP12WA4Q7-LV	12	61434	3.4	7.1	672	311

Ceiling downlight
Reflector version

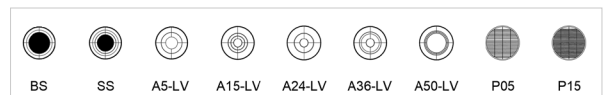


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-DF16WA8Q16-LV	16	14166	8	16	927	364
SP100-DF24WA13Q24-LV	24	11574	13	25	1808	807
SP100-DF24WA20Q36-LV	24	9506	20	36	1911	1277.3
SP100-DF24WA32Q48-LV	24	4773	32	48	1866	1285
SP100-DF24WA49Q68-LV	24	2160	49	68	2868	1233.0
SP100-DF24WA1040-LV	24	5836	10*40		1780	890
SP100-DF24WA1060-LV	24	3664	10*60		1944	972
SP100-DF24WA1460-LV	24	2500	14*60		2088	1044
SP100-DF24WA2063-LV	24	1884	20*63		1992	996

Ceiling downlight
Reflector wall washer



CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-DF16WP15W	16	776	44*72: P15	88*140:P15	784	784
SP100-DF24WP15H	24	5375	32*54:P15	45*90:P15	2003	2003
SP100-DF16WP15HW	16	969	30*63:P15	80*160:P15	568	568

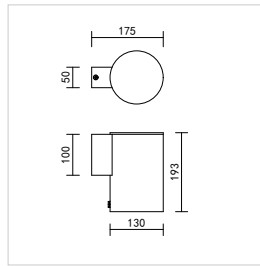


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Wall round / ceiling round
D130mm downlight

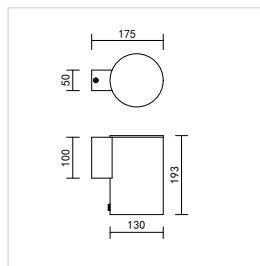


Wall light
Reflector -Ultra narrow beam



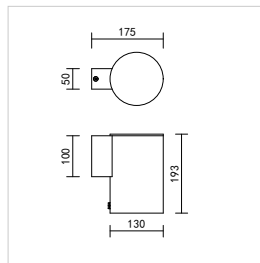
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-WP21WA3Q6-SS	21	96800	3.2	5.7	1176	353
SP135-WP21WA4Q7-LV	21	109120	3.4	7.1	1176	552

Wall light
Reflector version



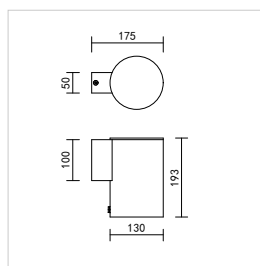
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-WF28WA8Q16-LV	28	14166	8	16	1623	638
SP135-WF36WA13Q24-LV	36	17312	13	25	2704	1207
SP135-WF36WA20Q36-LV	36	14245	20	36	2863.0	1913
SP135-WF36WA32Q48-LV	36	7160	32	48	2799	1928
SP135-WF36WA49Q68-LV	36	3240	49	68	4302.0	1849
SP135-WF36WA1040-LV	36	8755	10*40		2670	1335
SP135-WF36WA1060-LV	36	5496	10*60		2916	1458
SP135-WF36WA1460-LV	36	3750	14*60		3132	1566
SP135-WF36WA2063-LV	36	2826	20*63		2988	1494

Wall light
Reflector wall washer



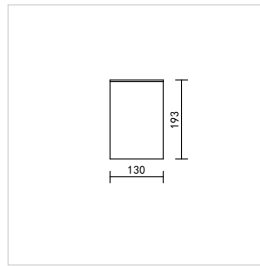
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-WF36WP15W	36	3238	44*72: P15	88*140:P15	2772	2772
SP135-WF36WP15H	36	6695	32*54:P15	45*90:P15	3241	3241
SP135-WF36WP15HW	36	4359	30*63:P15	80*160:P15	2555	2555

Wall light
Lens version



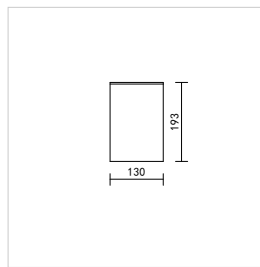
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-W36WA10-LV	36	54834	9	20	1926	942
SP135-W36WA15-LV	36	11286	18	34	3372	1356
SP135-W36WA24-LV	36	6426	22	40	3375	1117
SP135-W36WA36-LV	36	4617	39	64	3374	2066
SP135-W36WA50-LV	36	2916	51	81	3258	2098
SP135-W36WA0520-LV	36	21864	5*20		2772	1081
SP135-W36WA10-LV-RGBW	36	35642	9	20	1251	612
SP135-W36WA15-LV-RGBW	36	7335	18	34	2191	881
SP135-W36WA24-LV-RGBW	36	4176	22	40	2194	726
SP135-W36WA36-LV-RGBW	36	3001	39	64	2193	1342
SP135-W36WA50-LV-RGBW	36	1895	51	81	2117	1363

Ceiling downlight
Reflector -Ultra narrow beam



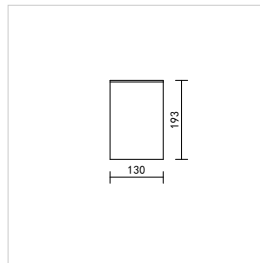
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-DP21WA3Q6-SS	21	96800	3.2	5.7	1176	353
SP135-DP21WA4Q7-LV	21	109120	3.4	7.1	1176	552

Ceiling downlight
Reflector version

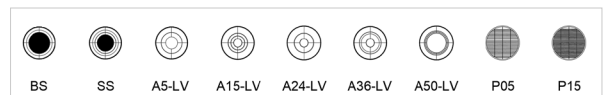


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-DF28WA8Q16-LV	28	14166	8	16	1623	638
SP135-DF36WA13Q24-LV	36	17312	13	25	2704	1207
SP135-DF36WA20Q36-LV	36	14245	20	36	2863	1913
SP135-DF36WA32Q48-LV	36	7160	32	48	2799	1928
SP135-DF36WA49Q68-LV	36	3240	49	68	4302	1849
SP135-DF36WA1040-LV	36	8755	10*40		2670	1335
SP135-DF36WA1060-LV	36	5496	10*60		2916	1458
SP135-DF36WA1460-LV	36	3750	14*60		3132	1566
SP135-DF36WA2063-LV	36	2826	20*63		2988	1494

Ceiling downlight
Reflector wall washer

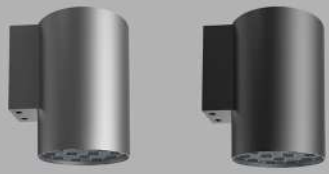


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-DF24WP15W	24	1164	44*72:P15	88*140:P15	1175	1175
SP135-DF36WP15H	36	8058	32*54:P15	45*90:P15	3003	3003
SP135-DF24WP15HW	24	1453	30*63:P15	80*160:P15	852	851.5

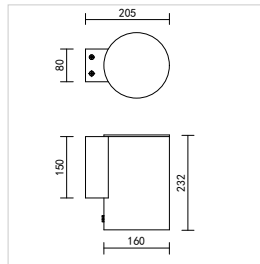


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Wall round / ceiling round
D160mm downlight

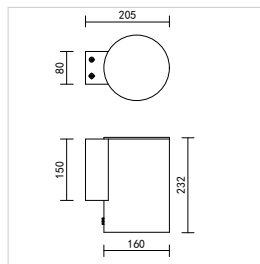


Wall light
Reflector -Ultra narrow beam



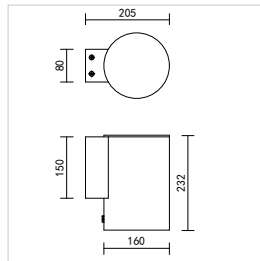
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-WP36WA3Q6-SS	36	163592	3.2	5.7	2016	597
SP160-WP36WA4Q7-LV	36	184413	3.4	7.1	2016	932

Wall light
Reflector version



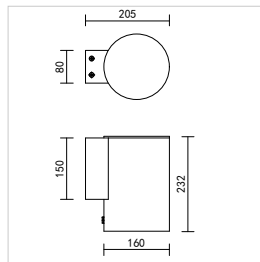
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-WF48WA8Q16-LV	48	42498	8	16	2781	1094
SP160-WF48WA13Q24-LV	48	23099	13	25	3607	1610
SP160-WF48WA20Q36-LV	48	18973	20	36	3814	2549
SP160-WF48WA32Q48-LV	48	9526	32	48	3733	2565
SP160-WF48WA49Q68-LV	48	4320	49	68	5736	2466
SP160-WF48WA1040-LV	48	11672	10*40		3560	1780
SP160-WF48WA1060-LV	48	7328	10*60		3888	1944
SP160-WF48WA1460-LV	48	5000	14*60		4176	2088
SP160-WF48WA2063-LV	48	3768	20*63		3984	1992

Wall light
Reflector wall washer



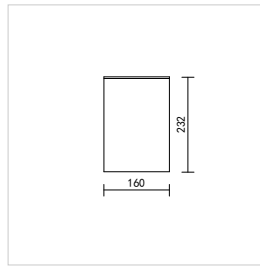
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-WF48WP15W	48	4318	44*72: P15	88*140:P15	3697	3697
SP160-WF48WP15H	48	8922	32*54:P15	45*90:P15	4319	4319
SP160-WF48WP15HW	48	5812	30*63:P15	80*160:P15	3406	3406

Wall light
Lens version



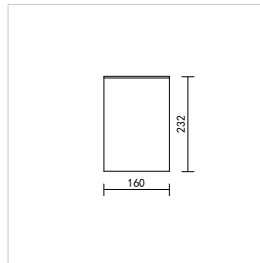
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-W48WA10-LV	48	28616	9	20	4593	1256
SP160-W48WA15-LV	48	15048	18	34	4496	1808
SP160-W48WA24-LV	48	8568	22	40	4500	1489
SP160-W48WA36-LV	48	6156	39	64	4499	2754
SP160-W48WA50-LV	48	3888	51	81	4344	2797
SP160-W48WA0520-LV	48	29152	5*20		3695	1441
SP160-W48WA10-LV-RGBW	48	18600	9	20	2985	816
SP160-W48WA15-LV-RGBW	48	9781	18	34	2922	1175
SP160-W48WA24-LV-RGBW	48	5569	22	40	2925	967
SP160-W48WA36-LV-RGBW	48	4001	39	64	2924	1790
SP160-W48WA50-LV-RGBW	48	2527	51	81	2823	1818

Ceiling downlight
Reflector -Ultra narrow beam



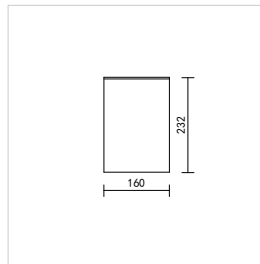
CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-DP36WA3Q6-SS	36	163592	3.2	5.7	2016	597
SP160-DP36WA4Q7-LV	36	184413	3.4	7.1	2016	932

Ceiling downlight
Reflector version



CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-DF48WA8Q16-LV	48	42498	8	16	2781	1094
SP160-DF48WA13Q24-LV	48	23099	13	25	3607	1610
SP160-DF48WA20Q36-LV	48	18973	20	36	3814	2549
SP160-DF48WA32Q48-LV	48	9526	32	48	3733	2565
SP160-DF48WA49Q68-LV	48	4320	49	68	5736	2466
SP160-DF48WA1040-LV	48	23344	10*40		3560	1780
SP160-DF48WA1060-LV	48	14656	10*60		3888	1944
SP160-DF48WA1460-LV	48	10000	14*60		4176	2088
SP160-DF48WA2063-LV	48	7536	20*63		3984	1992

Ceiling downlight
Reflector wall washer



CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-DF48WP15W	48	2323	44*72: P15	88*140:P15	2346	2346
SP160-DF48WP15H	48	10749	32*54:P15	45*90:P15	4006	4006
SP160-DF48WP15HW	48	2906	30*63:P15	80*160:P15	1703	1703

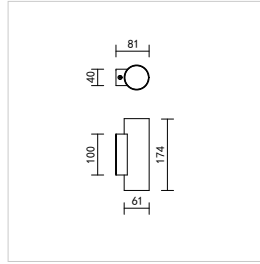


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Wall round
D60mm updown light

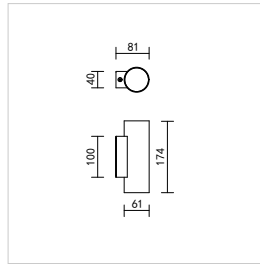


Wall updown light Lens version

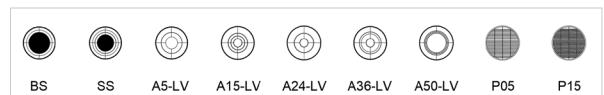


CODE	WATT (W)	FWHM (°)	Without LOUVER (lm)	With LOUVER (lm)
SP60-W2*8WA10-LV	2*8	10		
SP60-W2*8WA15-LV	2*8	15		
SP60-W2*8WA24-LV	2*8	24		
SP60-W2*8WA36-LV	2*8	36		
SP60-W2*8WA50-LV	2*8	50		
SP60-W2*8WA15-LV-RGBW	2*8	15		
SP60-W2*8WA24-LV-RGBW	2*8	24		
SP60-W2*8WA36-LV-RGBW	2*8	36		
SP60-W2*8WA50-LV-RGBW	2*8	50		

Wall updown light Reflector version



CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP60-WF2*8WA13Q27-LV	2*8		13	27		
SP60-WF2*8WA22Q35-LV	2*8		22	35		
SP60-WF2*8WA34Q47-LV	2*8		34	47		
SP60-WF2*8WA49Q77-LV	2*8		49	77		

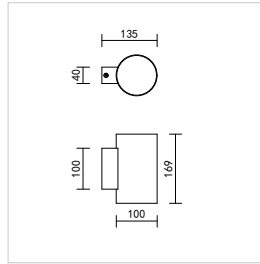


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Wall round
D100mm updown light

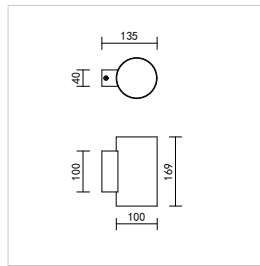


Wall updown light Lens version

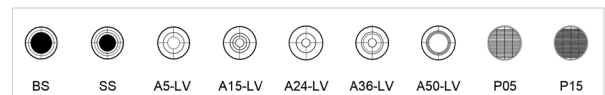


CODE	WATT (W)	FWHM (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-W2*12WA10-LV	2*12	10		
SP100-W2*12WA15-LV	2*12	15		
SP100-W2*12WA24-LV	2*12	24		
SP100-W2*12WA36-LV	2*12	36		
SP100-W2*12WA50-LV	2*12	50		
SP100-W2*12WA10-LV-RGBW	2*12	10		
SP100-W2*12WA15-LV-RGBW	2*12	15		
SP100-W2*12WA24-LV-RGBW	2*12	24		
SP100-W2*12WA36-LV-RGBW	2*12	36		
SP100-W2*12WA50-LV-RGBW	2*12	50		

Wall updown light Reflector version

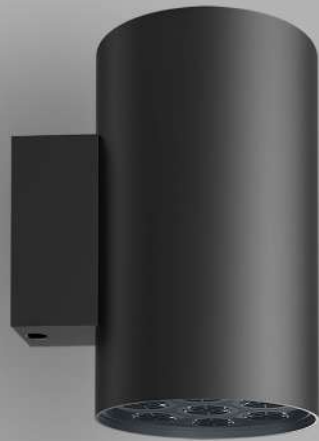


CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP100-WP2*12WA3Q6-SS	2*12		3.4	6.2		
SP100-WP2*12WA4Q7-LV	2*12		3.7	8		
SP100-WF2*12WA8Q16-LV	2*12		7	13		
SP100-WF2*12WA13Q24-LV	2*12		13	24		
SP100-WF2*12WA20Q36-LV	2*12		20	36		
SP100-WF2*12WA32Q48-LV	2*12		30	45		
SP100-WF2*12WA49Q68-LV	2*12		50	60		

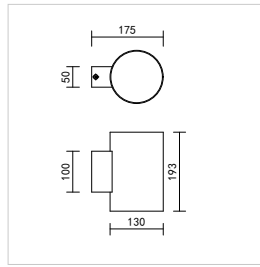
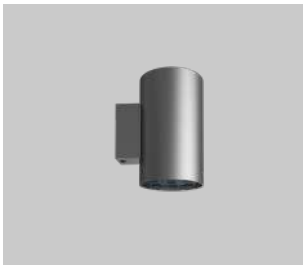


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Wall round
D130mm updown light

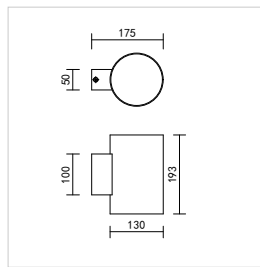


Wall updown light Lens version



CODE	WATT (W)	FWHM (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-W2*18WA10-LV	2*18	10		
SP135-W2*18WA15-LV	2*18	15		
SP135-W2*18WA24-LV	2*18	24		
SP135-W2*18WA36-LV	2*18	36		
SP135-W2*18WA50-LV	2*18	50		
SP135-W2*18WA10-LV-RGBW	2*18	10		
SP135-W2*18WA15-LV-RGBW	2*18	15		
SP135-W2*18WA24-LV-RGBW	2*18	24		
SP135-W2*18WA36-LV-RGBW	2*18	36		
SP135-W2*18WA50-LV-RGBW	2*18	50		

Wall updown light Reflector version



CODE	WATT (W)	Idensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP135-WP2*18WA3Q6-SS	2*18		3.4	6.2		
SP135-WP2*18WA4Q7-LV	2*18		3.7	8		
SP135-WF2*18WA8Q16-LV	2*18		7	13		
SP135-WF2*18WA13Q24-LV	2*18		13	24		
SP135-WF2*18WA20Q36-LV	2*18		20	36		
SP135-WF2*18WA32Q48-LV	2*18		30	45		
SP135-WF2*18WA49Q68-LV	2*18		50	60		

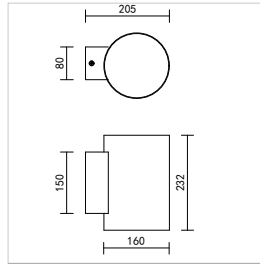


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.

Wall round
D160mm updown light

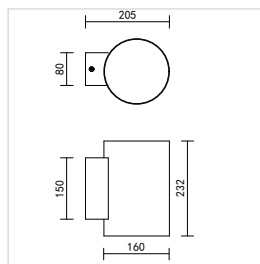


Wall updown light Lens version

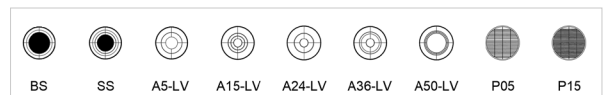


CODE	WATT (W)	FWHM (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-W2*24WA10-LV	2*24	10		
SP160-W2*24WA15-LV	2*24	15		
SP160-W2*24WA24-LV	2*24	24		
SP160-W2*24WA36-LV	2*24	36		
SP160-W2*24WA50-LV	2*24	50		
SP160-W2*24WA10-LV-RGBW	2*24	10		
SP160-W2*24WA15-LV-RGBW	2*24	15		
SP160-W2*24WA24-LV-RGBW	2*24	24		
SP160-W2*24WA36-LV-RGBW	2*24	36		
SP160-W2*24WA50-LV-RGBW	2*24	50		

Wall updown light Reflector version



CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP160-WP2*21WA3Q6-SS	2*21		3.4	6.2		
SP160-WP2*21WA4Q7-LV	2*21		3.7	8		
SP160-WF2*24WA8Q16-LV	2*24		8	16		
SP160-WF2*24WA13Q24-LV	2*24		13	24		
SP160-WF2*24WA20Q36-LV	2*24		20	36		
SP160-WF2*24WA32Q48-LV	2*24		30	45		
SP160-WF2*24WA49Q68-LV	2*24		50	60		

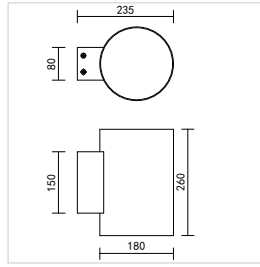


Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10° , and Useful efficiency lost approximately 25%-30%.

Wall round
D160mm updown light

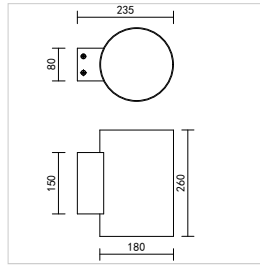


Wall updown light
Lens version

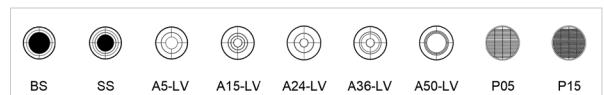


CODE	WATT (W)	FWHM (°)	Without LOUVER (lm)	With LOUVER (lm)
SP180-W2*30WA10-LV	2*30	10		
SP180-W2*30WA15-LV	2*30	15		
SP180-W2*30WA24-LV	2*30	24		
SP180-W2*30WA36-LV	2*30	36		
SP180-W2*30WA50-LV	2*30	50		
SP180-W2*30WA10-LV-RGBW	2*30	10		
SP180-W2*30WA15-LV-RGBW	2*30	15		
SP180-W2*30WA24-LV-RGBW	2*30	24		
SP180-W2*30WA36-LV-RGBW	2*30	36		
SP180-W2*30WA50-LV-RGBW	2*30	50		

Wall updown light
Reflector version



CODE	WATT (W)	Intensity (cd)	FWHM (°)	FA (°)	Without LOUVER (lm)	With LOUVER (lm)
SP180-2*30WA3Q6-SS	2*30		3.4	6.2		
SP180-2*30WA4Q7-LV	2*30		3.7	8		
SP180-2*30WA8Q16-LV	2*30		8	16		
SP180-2*30WA13Q24-LV	2*30		13	24		
SP180-2*30WA20Q36-LV	2*30		20	36		
SP180-2*30WA32Q48-LV	2*30		30	45		
SP180-2*30WA49Q68-LV	2*30		50	60		



Light output value base on 3000K ;
Total efficiency lost with anti-glare accessories, range 40%-60% from 60° to 10°, and Useful efficiency lost approximately 25%-30%.