

ARCHITECTURAL



ARCHITECTURAL

 NEW 1879 SPLIT / P88	 NEW 1891S GEMINI / P90	 NEW 1891M GEMINI / P90	 NEW 1890S GEMINI / P92	 NEW 1890M GEMINI / P92	 NEW ST5214 TUBE / P94	 NEW ST5215 TUBE / P94	 NEW ST5212 CRYSTAL / P96	 NEW ST5216 CRYSTAL / P96	 NEW 6041 FOCUS / P100
 6040 FOCUS / P100	 6051 FOCUS / P102	 6050 FOCUS / P102	 ST6041 FOCUS / P104	 ST6040 FOCUS / P104	 ST6051 FOCUS / P106	 ST6050 FOCUS / P106	 NEW 2601 UNITE / P108	 NEW 2602 UNITE / P108	 NEW 2631L LADI / P110
 NEW 2631S LADI / P110	 NEW 2501 CANDLE / P112	BOLLARD	 6146S-1 MINI LEDSPOT / P8	 6146S-2 MINI LEDSPOT / P8	 6146-2 LEDSPOT / P10	 6142-1 CYLIN / P16	 6142-2 CYLIN / P16	 6161 EGGO / P24	 NEW 2522S ANDA / P28
 NEW 6164S MERIDIAN / P32	 NEW 6164 MERIDIAN / P32	 11876N3 CONE / P38	 21876N3 CONE / P38	 2252S SPRIL / P44	 2252M SPRIL / P44	 2257S GHOST / P50	 6048 FOCUS / P98	 NEW 12603H4 UNITE / P108	 NEW 2604 UNITE / P108
TOP POLE	 6145-1 LEDSPOT / P12	 6145-2 LEDSPOT / P12	 6145-3 LEDSPOT / P12	 2257M GHOST / P52	CEILING	 6042 FOCUS / P98			



MINI LEDSPOT



6144S-1					6144S-2				
CLASS I CE					CLASS I CE				
IP65					IP65				
3LED 9W					6LED 18W				
Die Cast Aluminum					Die Cast Aluminum				
A+					A+				
h(m)	Eavg(lx)	Emax(lx)	D(m)		h(m)	Eavg(lx)	Emax(lx)	D(m)	
1	482.2	787.3	0.74		1	1054	1676	0.75	
2	120.5	196.8	1.47		2	263.5	418.9	1.5	
3	53.57	87.48	2.21		3	117.1	186.2	2.25	
4	30.13	49.21	2.95		4	65.88	104.7	3	
5	19.29	31.49	3.69		5	67.02	7.047	3.75	
Lumen 605					Lumen 1210				
Watt 9					Watt 18				

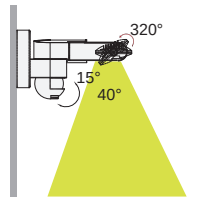
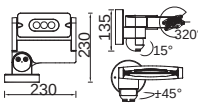


MINI LEDSPOT

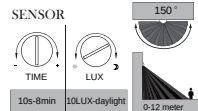
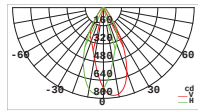


6144S-1-PIR

CLASS I CE
IP54
3LED 9W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	482.2	787.3	0.74
2	120.5	196.8	1.47
3	53.57	87.48	2.21
4	30.13	49.21	2.95
5	19.29	31.49	3.69

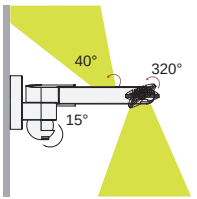
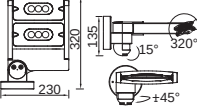


Lumen 605
Watt 9

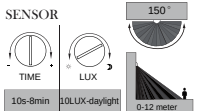
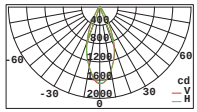


6144S-2-PIR

CLASS I CE
IP54
6LED 18W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1054	1676	0.75
2	263.5	418.9	1.5
3	117.1	186.2	2.25
4	65.88	104.7	3
5	67.02	7.047	3.75



Lumen 1210
Watt 18





US market only

6144-1

CLASS I CE
IP65
8LED 25W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	2540	3973	0.86
2	634.9	993.2	1.71
3	282.2	441.4	2.57
4	158.7	248.3	3.43
5	101.6	158.9	4.28

Lumen	2700
Watt	25

6144-2

CLASS I CE
IP65
16LED 50W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	2540	3973	0.86
2	634.9	993.2	1.71
3	282.2	441.4	2.57
4	158.7	248.3	3.43
5	101.6	158.9	4.28

Lumen	5400
Watt	50



MINI LEDSPOT



6146S-1

CLASS I
IP65
3LED 9W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	482.2	787.3	0.74
2	120.5	196.8	1.47
3	53.57	87.48	2.21
4	30.13	49.21	2.95
5	19.29	31.49	3.69

Lumen 605
Watt 9

6146S-2

CLASS I
IP65
6LED 18W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1054	1676	0.75
2	263.5	418.9	1.5
3	117.1	186.2	2.25
4	65.88	104.7	3
5	67.02	7.047	3.75

Lumen 1210
Watt 18



6146-2

CLASS I

CE

IP65

16LED 50W

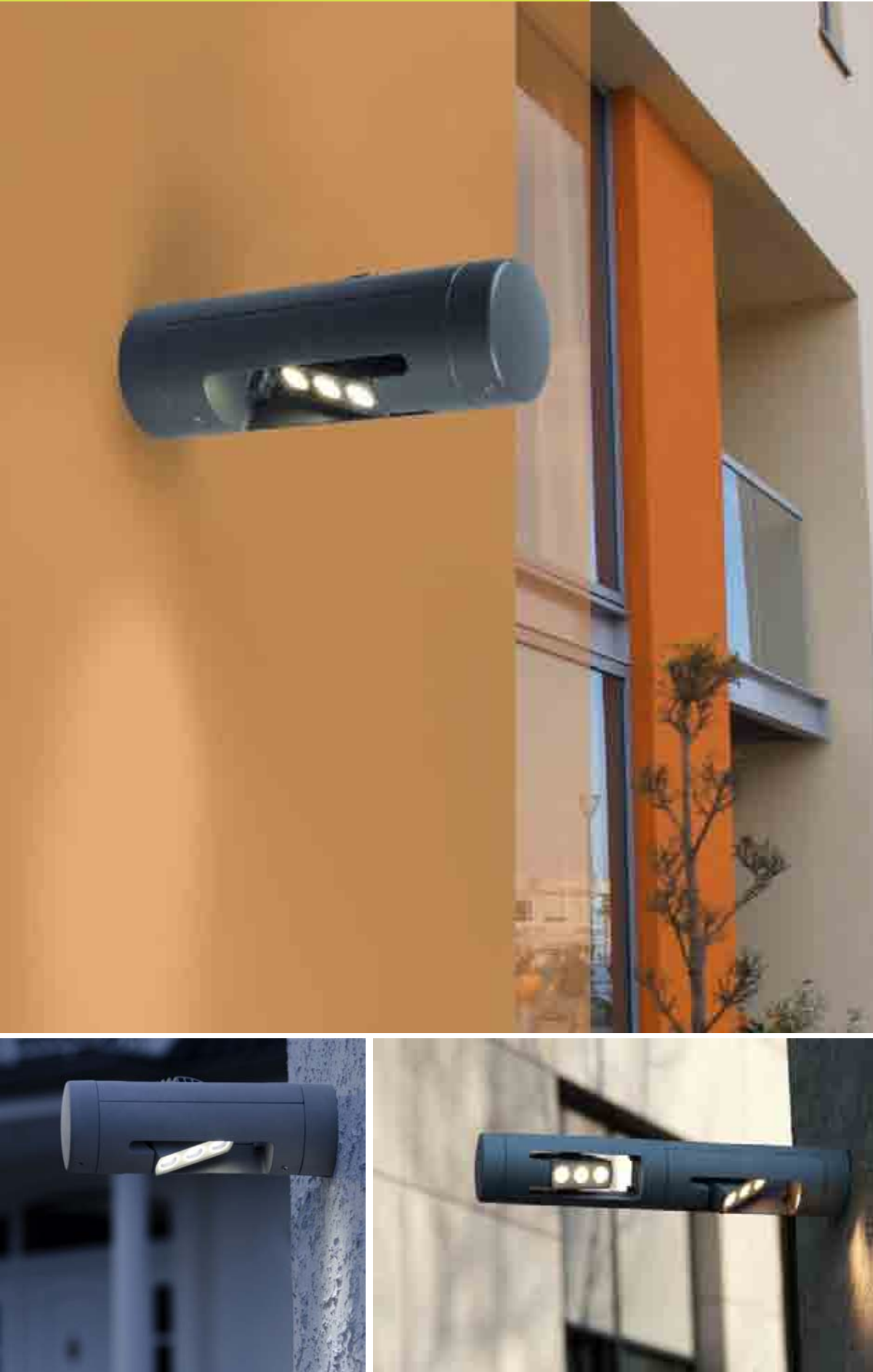
Die Cast Aluminum

A+

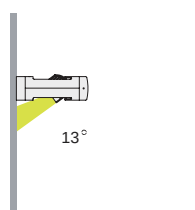
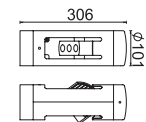
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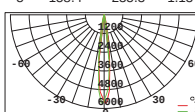
6145-3	6145-2	6145-1																																																																								
CLASS I CE IP65 24LED 75W Die Cast Aluminum A+	CLASS I CE IP65 16LED 50W Die Cast Aluminum A+	CLASS I CE IP65 8LED 25W Die Cast Aluminum A+																																																																								
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Lumen 6030 Watt 75	Lumen 4020 Watt 50	Lumen 2010 Watt 25																																																																								



6141-1
CLASS II
IP54
3LED 9W
Die Cast Aluminum
A+



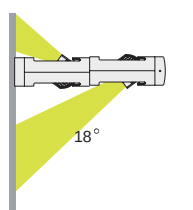
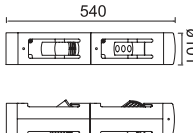
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	3960	5882	0.23
2	990.0	1470	0.45
3	440.0	653.5	0.68
4	247.5	367.6	0.91
5	158.4	235.3	1.13



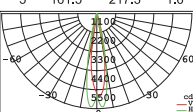
Lumen 500
Watt 9



6141-2
CLASS II
IP54
6LED 19W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	4039	5434	0.32
2	1010	1358	0.64
3	448.7	603.7	0.96
4	252.4	339.6	1.28
5	161.5	217.3	1.6



Lumen 1000
Watt 19





6142-1

CLASS II
IP54
3LED 9W
Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	3960	5882	0.23
2	990.0	1470	0.45
3	440.0	653.5	0.68
4	247.5	367.6	0.91
5	158.4	235.3	1.13

Lumen
Watt

500
9

6142-2

CLASS II
IP54
6LED 19W
Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	4039	5434	0.32
2	1010	1358	0.64
3	448.7	603.7	0.96
4	252.4	339.6	1.28
5	161.5	217.3	1.6

Lumen
Watt

1000
18



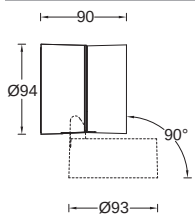


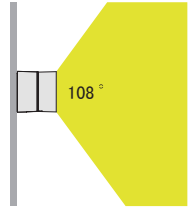
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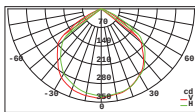
6260

CLASS I 
IP54 
8LED 11W 
Die Cast Aluminum
A+ 





h(m)	Eavg(lx)	Emax(lx)	D(m)
1	110.6	334.5	2.73
2	27.66	83.63	5.46
3	12.29	37.17	8.2
4	6.915	20.91	10.9
5	4.425	13.38	13.7



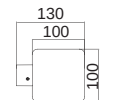
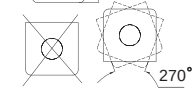
Lumen	840
Watt	11

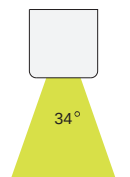




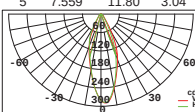
1867

CLASS II  
IP54 
1LED 4W 
Die Cast Aluminum
A+ 



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	189.0	295.1	0.61
2	47.25	73.77	1.21
3	21.00	32.79	1.82
4	11.81	18.44	2.43
5	7.559	11.80	3.04



Lumen 150
Watt 4





6160

CLASS II
IP54
3LED 9W
Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	520.4	796.4	0.61
2	130.1	198.6	1.22
3	57.83	88.29	1.83
4	32.53	49.66	2.45
5	20.82	21.78	3.06



6161

CLASS II
IP54
3LED 9W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	520.4	796.4	0.61
2	130.1	198.6	1.22
3	57.83	88.29	1.83
4	32.53	49.66	2.45
5	20.82	21.78	3.06

Lumen	350
Watt	9



2521S

CLASS I CE
IP54
12LED 18W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	161.3	449.6	2
2	40.32	112.4	4
3	17.92	46.95	6
4	10.08	28.1	8
5	6.452	17.98	10

Lumen 1040
Watt 18



2522S

CLASS I CE
IP65
12LED 18W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	161.3	449.6	2
2	40.32	112.4	4
3	17.92	46.95	6
4	10.08	28.1	8
5	6.452	17.98	10

Lumen 1040
Watt 18



6163					6163S				
CLASS I CE					CLASS I CE				
IP65					IP54				
30LED 22W					22LED 14W				
Die Cast Aluminum					Die Cast Aluminum				
A+					A+				
h(m)	Eavg(lx)	Emax(lx)	D(m)		h(m)	Eavg(lx)	Emax(lx)	D(m)	
1	191.4	505.9	2.29		1	155.7	366.4	1.97	
2	47.85	126.5	4.58		2	38.92	91.59	3.94	
3	21.27	56.21	6.86		3	17.3	40.71	5.91	
4	11.96	31.62	9.15		4	9.729	22.9	7.88	
5	7.657	20.24	11.4		5	6.226	14.65	9.86	
Lumen 1300					Lumen 800				
Watt 22					Watt 14				



6164

CLASS I

CE

IP65

30LED 22W

Die Cast Aluminum

A+

260

245

730

98°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	191.4	505.9	2.29
2	47.85	126.5	4.58
3	21.27	56.21	6.86
4	11.96	31.62	9.15
5	7.657	20.24	11.4

3000

4500K

5500K

Lumen

1300

Watt

22

6164S

CLASS I

CE

IP54

22LED 14W

Die Cast Aluminum

A+

180

213

730

89°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	155.7	366.4	1.97
2	38.92	91.59	3.94
3	17.3	40.71	5.91
4	9.729	22.9	7.88
5	6.226	14.65	9.86

3000

4500K

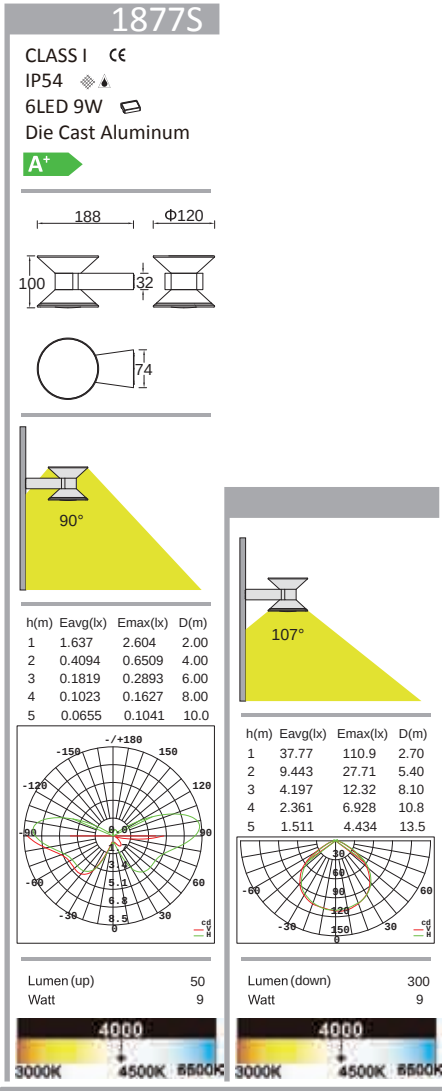
5500K

Lumen

800

Watt

14





1876S

CLASS I CE

IP54 

3LED 4W 

Die Cast Aluminum

A+ 

h(m)	Eavg lx	Emax lx	D(m)
1	22.84	60.36	2.48
2	5.711	15.09	4.96
3	2.538	6.707	7.44
4	1.428	3.773	9.92
5	0.9138	2.415	12.4

Lumen

260

Watt

4

1876

CLASS I CE

IP54 

8LED 12W 

Die Cast Aluminum

A+ 

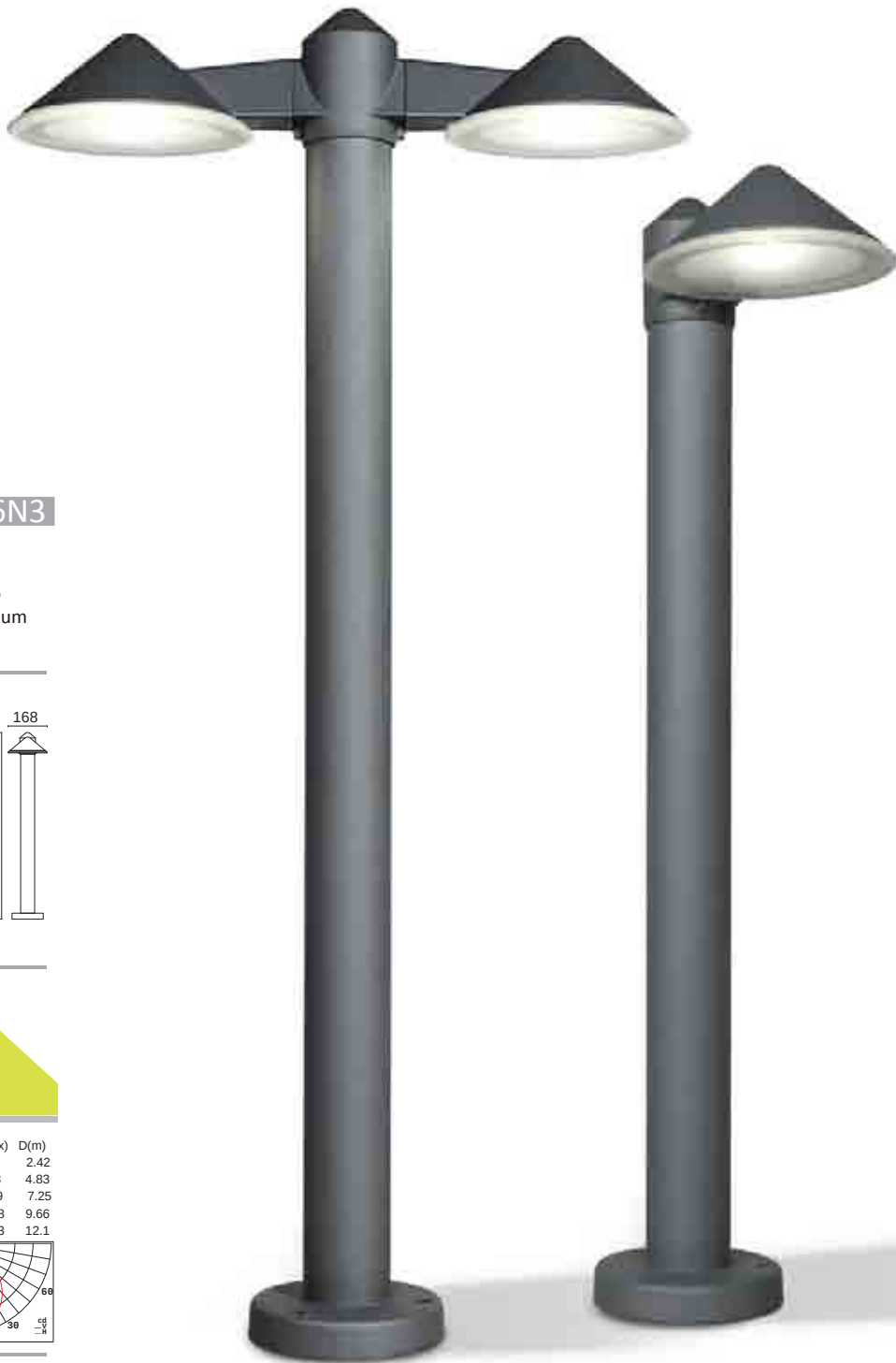
h(m)	Eavg lx	Emax lx	D(m)
1	90.72	248.3	2.42
2	22.68	62.08	4.83
3	10.08	27.59	7.25
4	5.670	15.528	9.66
5	3.639	9.933	12.1

Lumen

780

Watt

12



11876N3

CLASS I CE
IP54
8LED 12W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	90.72	248.3	2.42
2	22.68	62.08	4.83
3	10.08	27.59	7.25
4	5.670	5.528	9.66
5	3.639	9.933	12.1

Lumen

Watt

4000

3000K 4500K 5500K

21876N3

CLASS I CE
IP54
16LED 24W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	90.72	248.3	2.42
2	22.68	62.08	4.83
3	10.08	27.59	7.25
4	5.670	5.528	9.66
5	3.639	9.933	12.1

Lumen

Watt

4000

3000K 4500K 5500K



2251S

CLASS I CE

IP54

6LED 8.4W

Die Cast Aluminum

A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	112.8	207.0	1.28
2	28.20	51.74	2.56
3	12.53	23.00	3.84
4	7.050	12.94	5.12
5	4.512	8.279	6.40

Lumen 310
Watt 8.4

2253S

CLASS II CE

IP54

6LED 8.4W

Die Cast Aluminum

A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	112.8	207.0	1.28
2	28.20	51.74	2.56
3	12.53	23.00	3.84
4	7.050	12.94	5.12
5	4.512	8.279	6.40

Lumen 310
Watt 8.4



2251M

CLASS I CE
IP54
16LED 22W
Die Cast Aluminum
A+

Φ270

260

100

315

77°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	250.9	507.8	1.60
2	62.74	127.0	3.20
3	27.88	56.43	4.80
4	15.68	31.74	6.40
5	10.04	20.31	8.00

4000

3000K 4500K 5500K

2253M

CLASS I CE
IP54
16LED 22W
Die Cast Aluminum
A+

207

118.5

Φ270

77°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	250.9	507.8	1.60
2	62.74	127.0	3.20
3	27.88	56.43	4.80
4	15.68	31.74	6.40
5	10.04	20.31	8.00

4000

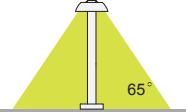
3000K 4500K 5500K



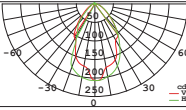
2252S

CLASS I 
IP54 
6LED 8.4W 
Die Cast Aluminum



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	112.8	207.0	1.28
2	28.20	51.74	2.56
3	12.53	23.00	3.84
4	7.050	12.94	5.12
5	4.512	8.279	6.40



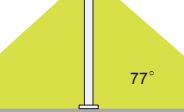
Lumen 310
Watt 8.4



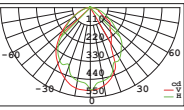
2252M

CLASS I 
IP54 
16LED 22W 
Die Cast Aluminum



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	250.9	507.8	1.60
2	62.74	127.0	3.20
3	27.88	56.43	4.80
4	15.68	31.74	6.40
5	10.04	20.31	8.00



Lumen 1030
Watt 22





1880S				1881S																																																			
CLASS I				CLASS I																																																			
IP54				IP54																																																			
15LED 7W				4LED 11W																																																			
Die Cast Aluminum				Die Cast Aluminum																																																			
<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>12.25</td><td>48.90</td><td>1.05</td></tr><tr><td>2</td><td>3.061</td><td>12.23</td><td>2.09</td></tr><tr><td>3</td><td>1.361</td><td>5.433</td><td>3.14</td></tr><tr><td>4</td><td>0.7653</td><td>3.056</td><td>4.19</td></tr><tr><td>5</td><td>0.4898</td><td>1.956</td><td>5.23</td></tr></table>				h(m)	Eavg(lx)	Emax(lx)	D(m)	1	12.25	48.90	1.05	2	3.061	12.23	2.09	3	1.361	5.433	3.14	4	0.7653	3.056	4.19	5	0.4898	1.956	5.23	<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>495.8</td><td>820.4</td><td>0.94</td></tr><tr><td>2</td><td>124</td><td>205.1</td><td>1.87</td></tr><tr><td>3</td><td>55.09</td><td>91.15</td><td>2.81</td></tr><tr><td>4</td><td>30.99</td><td>51.27</td><td>3.75</td></tr><tr><td>5</td><td>19.83</td><td>32.81</td><td>4.68</td></tr></table>				h(m)	Eavg(lx)	Emax(lx)	D(m)	1	495.8	820.4	0.94	2	124	205.1	1.87	3	55.09	91.15	2.81	4	30.99	51.27	3.75	5	19.83	32.81	4.68
h(m)	Eavg(lx)	Emax(lx)	D(m)																																																				
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Lumen 360 Watt 7				Lumen 700 Watt 11																																																			



2256S

CLASS I CE
IP54
12LED 18W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	102.2	341.5	2.78
2	25.54	85.38	5.56
3	11.35	37.95	8.34
4	6.385	21.34	11.1
5	4.086	13.66	13.9

Lumen	1080
Watt	18

1880L

CLASS I CE
IP54
28LED 34W
Die Cast Aluminum
A+

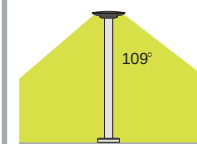
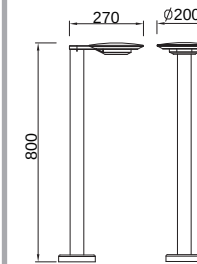
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	191.9	353.1	1.51
2	47.97	88.27	3.02
3	21.32	39.23	4.53
4	11.99	22.07	6.04
5	7.675	14.12	7.56

Lumen	2000
Watt	34

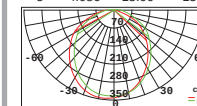


50

CLASS I 
IP54 
12LED 18W 
Die Cast Aluminum

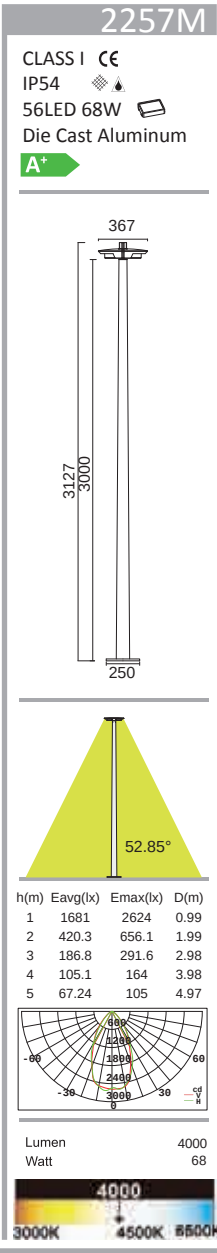
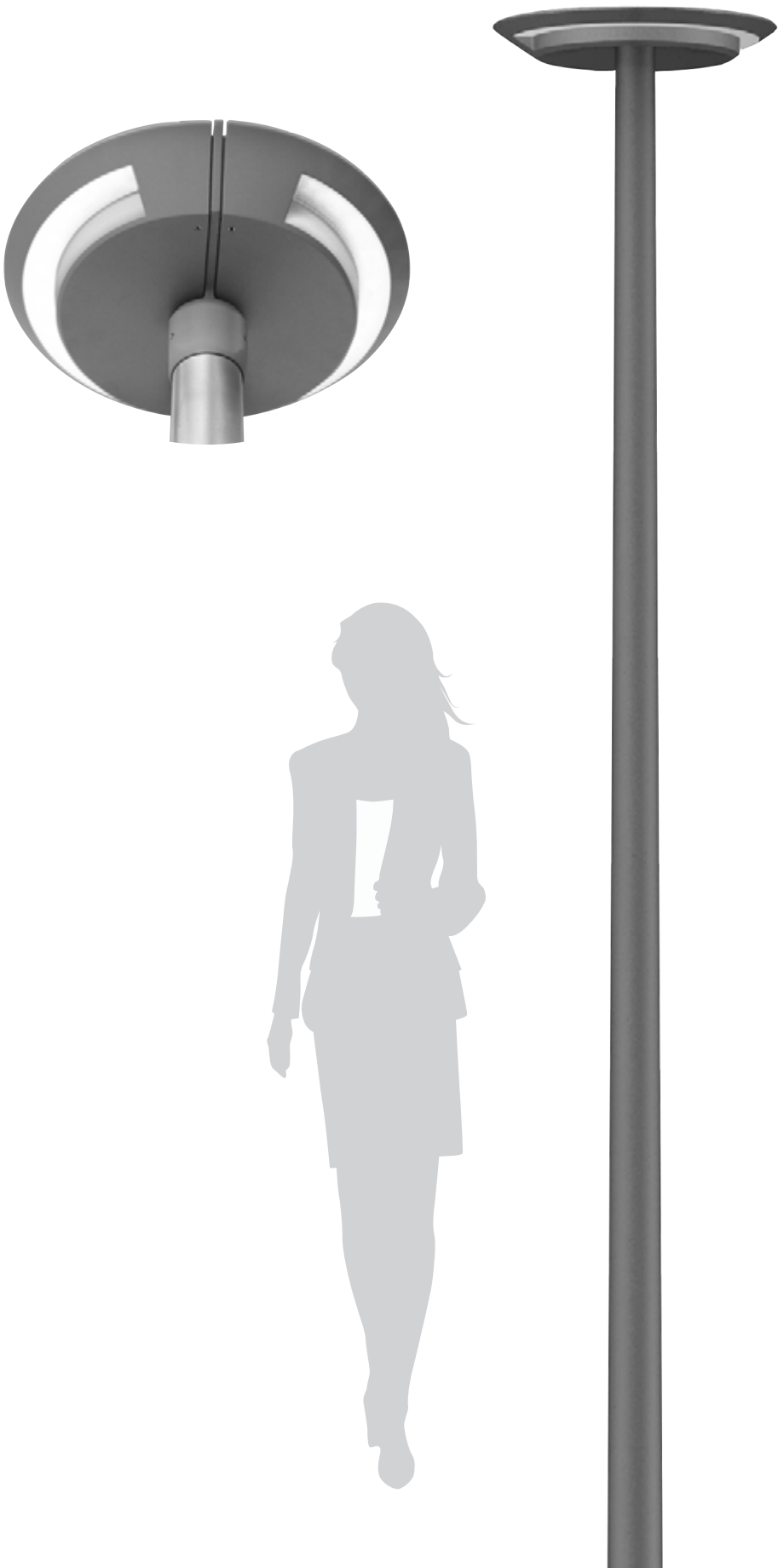



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	102.2	341.5	2.78
2	25.54	85.38	5.56
3	11.35	37.95	8.34
4	6.385	21.34	11.1
5	4.086	13.66	13.9



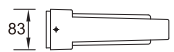
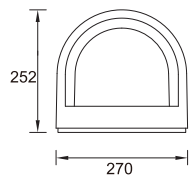
Lumen	1080
Watt	18







1849
CLASS I CE
IP54
E27 CFL 23W
Die Cast Aluminum





BOX CUBE



1846	1843
CLASS I CE IP54 E27 Max.60W E27 CFL 13W Die Cast Aluminum	CLASS I CE IP54 E27 CFL 23W Die Cast Aluminum



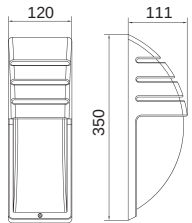
1853

CLASS I CE
IP44
E27 CFL 18W
Die Cast Aluminum

370 118 157



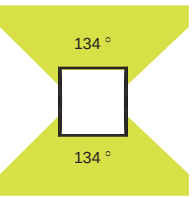
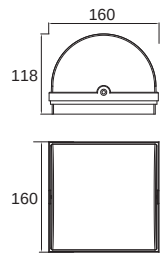
1836
CLASS I CE
IP44
E27 Max.60W
E27 CFL 23W
Die Cast Aluminum



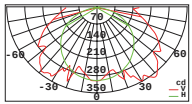


1838S-LED

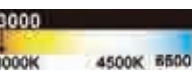
CLASS II 
IP44 
6LED 6W 
Die Cast Aluminum
A+ 



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	5.59	31.911	4.76
2	1.397	7.978	9.52
3	0.6211	3.546	14.3
4	0.3494	1.994	19
5	0.2236	1.276	23.8

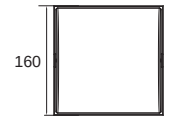
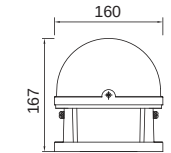


Lumen 260
Watt 6



1838S

CLASS I 
IP54 
E27 Max.60W 
E27 CFL 23W 
Die Cast Aluminum





3441

CLASS I CE
IP54
15LED 6W
Die Cast Aluminum
A+

Ø260 75

101°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	21.26	59.18	2.43
2	5.316	14.80	4.87
3	2.363	6.576	7.30
4	1.329	3.699	9.74
5	0.8506	2.367	12.2

Lumen 200
Watt 6

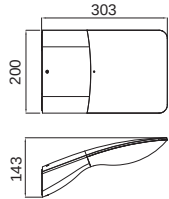
4000

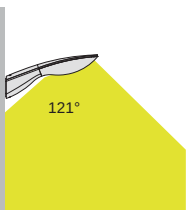
3000K 4500K 5500K



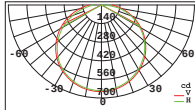
1895

CLASS I 
IP44 
24LED 30W 
Die Cast Aluminum
A+ 





h(m)	Eavg(lx)	Emax(lx)	D(m)
1	155.1	651.5	3.56
2	38.77	162.9	7.11
3	17.23	72.39	10.7
4	9.692	40.72	14.2
5	6.203	26.06	17.8



Lumen 2090
Watt 30

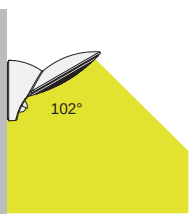
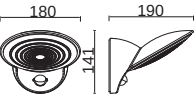




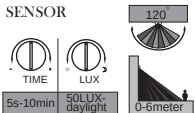
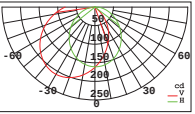
1896-PIR

CLASS I CE
IP44
6LED 8.5W
Die Cast Aluminum

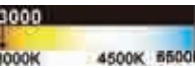
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	60.98	177.4	2.45
2	15.24	44.34	4.90
3	6.775	19.71	7.36
4	3.811	11.09	9.81
5	2.439	7.095	12.3



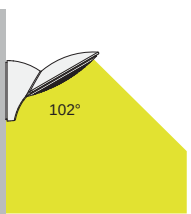
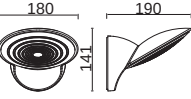
Lumen	540
Watt	8.5



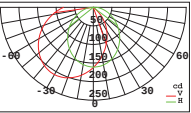
1896

CLASS I CE
IP44
6LED 8.5W
Die Cast Aluminum

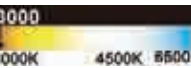
A+

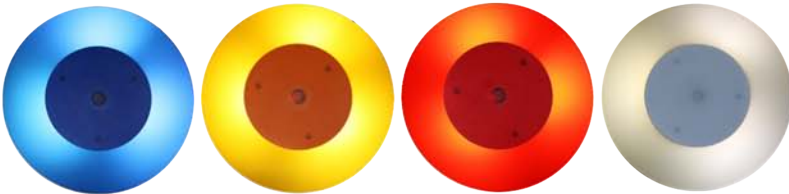


h(m)	Eavg(lx)	Emax(lx)	D(m)
1	60.98	177.4	2.45
2	15.24	44.34	4.90
3	6.775	19.71	7.36
4	3.811	11.09	9.81
5	2.439	7.095	12.3



Lumen	540
Watt	8.5





1875

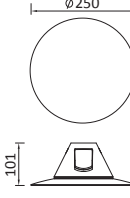
CLASS I 

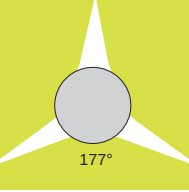
IP54 

6LED 9W 

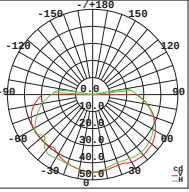
Die Cast Aluminum

A+ 





h(m)	Eavg(lx)	Emax(lx)	D(m)
1	0.3387	71.80	32.51
2	0.0847	17.95	65.03
3	0.0376	7.978	97.54
4	0.0212	4.488	130.05
5	0.0135	2.872	162.57



Lumen440

Watt9





LED LANTERN



1874S

CLASS I 
IP54 
4LED 12W 
Die Cast Aluminum
A+ 

250

220

114

24°

32°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	23.94	27.61	0.41
2	5.985	6.903	0.84
3	2.660	3.068	1.25
4	1.496	1.726	1.67
5	0.958	1.105	2.09

-150

-120

-90

-60

-30

0

30

60

90

120

150

0

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

0

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

Lumen (front)

120

Watt

12

4000

3000K

4500K

5500K

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1154	1701	0.57
2	288.5	425.1	1.14
3	128.2	188.8	1.70
4	72.12	106.3	2.27
5	46.16	68.02	2.84

-150

-120

-90

-60

-30

0

30

60

90

120

150

0

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

0

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

Lumen (down)

570

Watt

12

4000

3000K

4500K

5500K



1860L				1860																																																			
CLASS I CE				CLASS I CE																																																			
IP54				IP54																																																			
12LED 19W				3LED 9W																																																			
Die Cast Aluminum				Die Cast Aluminum																																																			
A+				A+																																																			
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5	6.708	25.91	2.74																																																				
Lumen 880 Watt 19				Lumen 370 Watt 9																																																			



1861

CLASS I CE
IP54
6LED 8.5W
Die Cast Aluminum
A+

184

115

72.5

113°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	22.54	56.91	3.00
2	5.634	14.23	6.00
3	2.504	6.324	9.01
4	1.409	3.557	12.0
5	0.9015	2.276	15.0

Lumen 310
Watt 8.5

4000

3000K 4500K 5500K

1868

CLASS I CE
IP54
3LED 3.8W
Die Cast Aluminum
A+

180

115.5

73

46°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	55.75	111.3	0.85
2	13.94	27.83	1.70
3	6.194	12.37	2.54
4	3.484	6.958	3.39
5	2.230	4.453	4.24

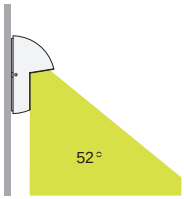
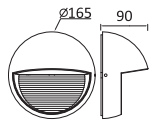
Lumen 160
Watt 3.8

4000

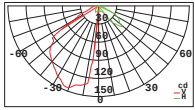
3000K 4500K 5500K



1865
CLASS I CE
IP54
3LED 9W
Die Cast Aluminum
A+



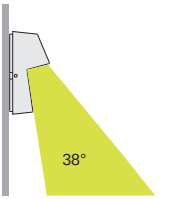
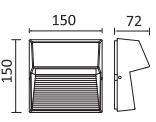
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	42.31	125.9	0.97
2	10.58	31.48	1.95
3	4.701	13.99	2.73
4	2.645	7.869	3.90
5	1.693	5.036	4.88



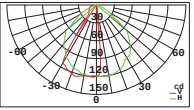
Lumen 140
Watt 9



1866
CLASS I CE
IP54
3LED 9W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	71.08	121.7	0.69
2	17.77	30.41	1.38
3	7.898	13.52	2.08
4	4.443	7.604	2.77
5	2.843	4.866	3.46



Lumen 130
Watt 9





1882

CLASS I CE
IP44
6LED 9W
Die Cast Aluminum
A+

186 70

53°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	88.25	141.5	0.99
2	22.06	35.36	1.98
3	9.805	15.72	2.96
4	5.515	8.841	3.95
5	3.53	5.658	4.94

53°

Lumen	324
Watt	9

3000K 4000 4500K 6500K



1871

CLASS I
IP54
3LED 9W
Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1991	2823	0.23
2	497.6	705.9	0.45
3	221.3	313.7	0.69
4	124.5	176.5	0.92
5	79.66	112.9	1.15

Lumen	440
Watt	9

4000

3000K 4500K 5500K

1872

CLASS I
IP54
4LED 12W
Die Cast Aluminum

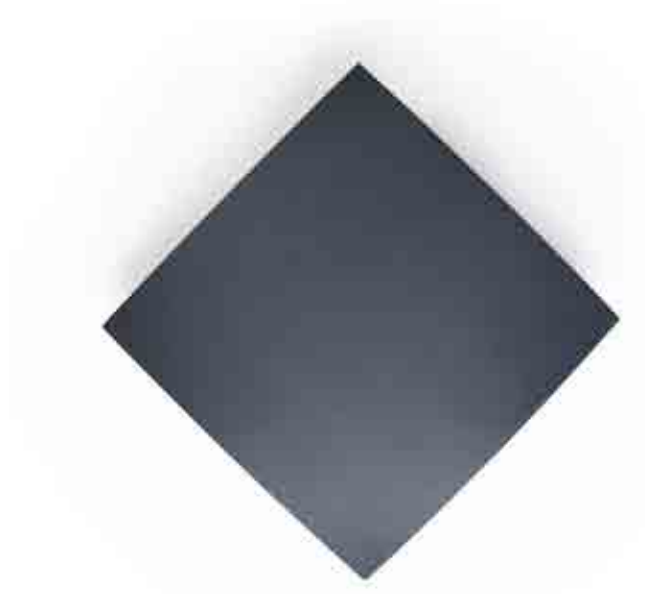
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	2867	4032	0.23
2	716.8	1008	0.47
3	318.6	448.0	0.70
4	179.2	252.0	0.94
5	114.7	161.3	1.17

Lumen	540
Watt	12

4000

3000K 4500K 5500K





1869

CLASS I CE
IP54
8LED 11W
Die Cast Aluminum
A+

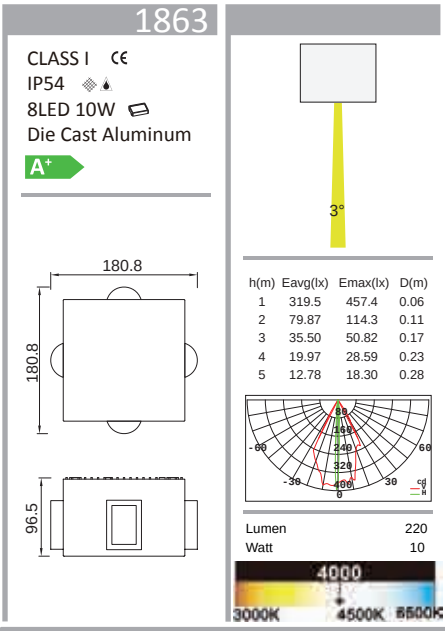
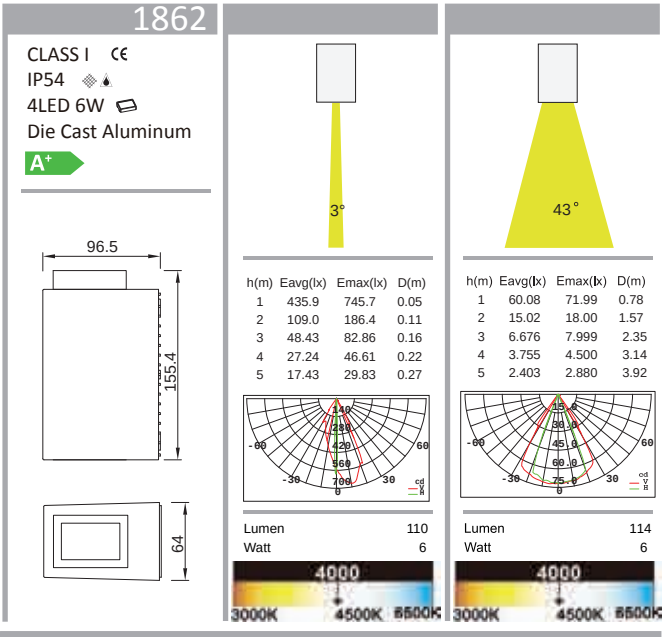
200 78 200

97°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	33.34	83.32	2.56
2	8.335	20.83	4.51
3	3.704	9.258	6.77
4	2.084	5.208	9.03
5	1.334	3.333	11.3

Lumen 760
Watt 11

3000K 4000 4500K 5000K





1879

CLASS II  
IP44 
6LED 9W 
Die Cast Aluminum
A+ 

122.7 220 220

28°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	435.7	662.6	0.51
2	108.9	165.6	1.01
3	48.41	73.62	1.52
4	27.23	41.41	2.02
5	17.43	26.50	2.53

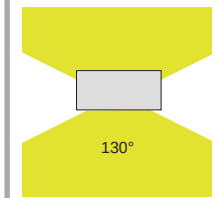
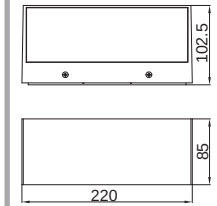
Lumen 480
Watt 9

3000K 4000 4500K 5000K

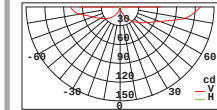


1891M

CLASS I CE
IP54
16LED 20W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	3.919	13.64	4.28
2	0.9797	3.411	8.55
3	0.4354	1.516	12.8
4	0.2449	0.8527	17.1
5	0.1567	0.5458	21.4

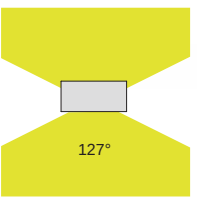
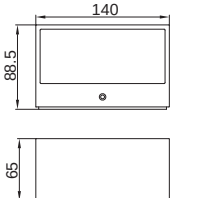


Lumen 1240
Watt 20

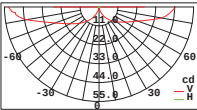


1891S

CLASS I CE
IP54
6LED 9W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1.676	4.894	3.99
2	0.4189	1.224	7.99
3	0.1862	0.5438	12
4	0.1047	0.3059	16
5	0.067	0.1958	20



Lumen 480
Watt 9





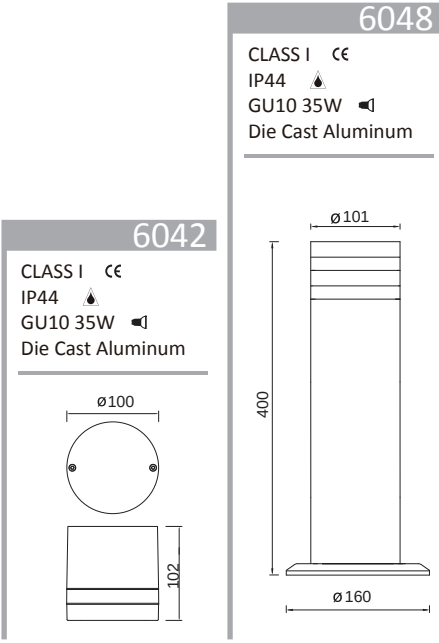
1890M				1890S																																																			
CLASS I CE				CLASS I CE																																																			
IP54				IP54																																																			
12LED 24W				6LED 9W																																																			
Stainless Steel				Stainless Steel																																																			
A+				A+																																																			
<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>1049</td><td>1577</td><td>0.52</td></tr><tr><td>2</td><td>262.3</td><td>394.3</td><td>1.05</td></tr><tr><td>3</td><td>116.6</td><td>175.2</td><td>1.57</td></tr><tr><td>4</td><td>65.58</td><td>98.57</td><td>2.09</td></tr><tr><td>5</td><td>41.97</td><td>63.09</td><td>2.61</td></tr></table>				h(m)	Eavg(lx)	Emax(lx)	D(m)	1	1049	1577	0.52	2	262.3	394.3	1.05	3	116.6	175.2	1.57	4	65.58	98.57	2.09	5	41.97	63.09	2.61	<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>320.3</td><td>518.7</td><td>0.58</td></tr><tr><td>2</td><td>80.07</td><td>129.7</td><td>1.16</td></tr><tr><td>3</td><td>35.59</td><td>57.64</td><td>1.73</td></tr><tr><td>4</td><td>20.02</td><td>32.42</td><td>2.31</td></tr><tr><td>5</td><td>12.81</td><td>20.75</td><td>2.89</td></tr></table>				h(m)	Eavg(lx)	Emax(lx)	D(m)	1	320.3	518.7	0.58	2	80.07	129.7	1.16	3	35.59	57.64	1.73	4	20.02	32.42	2.31	5	12.81	20.75	2.89
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Lumen 1240 Watt 24				Lumen 500 Watt 9																																																			



ST5214		ST5215	
CLASS I CE		CLASS I CE	
IP44		IP44	
3LED 3.7W		3LED 3.7W	
Stainless Steel		Stainless Steel	
A+		A+	
Lumen 120		Lumen 120	
Watt 3.7		Watt 3.7	



ST5212		ST5216	
CLASS I CE		CLASS I CE	
IP44		IP44	
8LED 10W		8LED 10W	
Stainless Steel		Stainless Steel	
A+		A+	
Lumen 660		Lumen 660	
Watt 10		Watt 10	

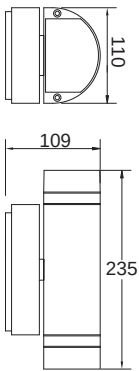




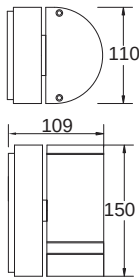
wall
FOCUS
100



6040
CLASS I ⚡
IP44
GU10 2*35W
Die Cast Aluminum



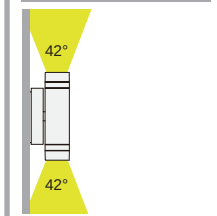
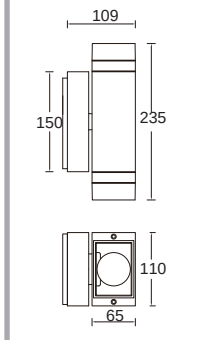
6041
CLASS I ⚡
IP44
GU10 35W
Die Cast Aluminum



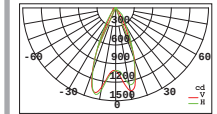


6050

CLASS I CE
IP44
6LED 7.6W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	159.5	207.2	0.77
2	39.87	51.81	1.53
3	17.72	23.03	2.30
4	9.968	12.95	3.07
5	6.379	8.289	3.83

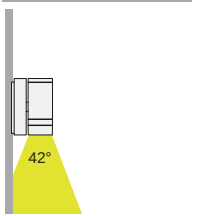
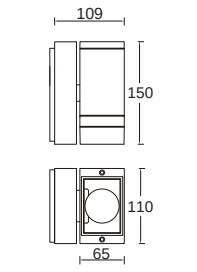


Lumen 300
Watt 7.6

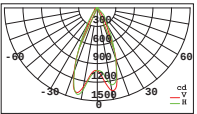


6051

CLASS I CE
IP44
3LED 3.8W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	159.5	207.2	0.77
2	39.87	51.81	1.53
3	17.72	23.03	2.30
4	9.968	12.95	3.07
5	6.379	8.289	3.83



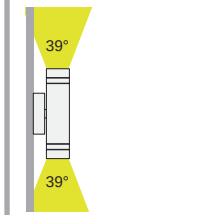
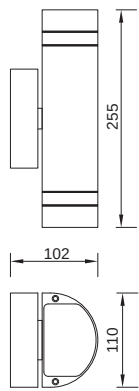
Lumen 150
Watt 3.8



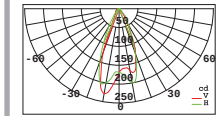


ST6040

CLASS II
IP44
6LED 7.6W
Stainless Steel



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	159.2	219.4	0.70
2	39.80	54.84	1.40
3	17.69	24.37	2.10
4	9.950	13.71	2.80
5	6.368	8.775	3.50

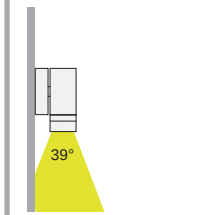
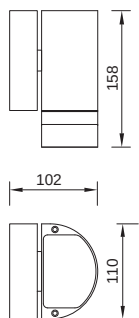


Lumen 280
Watt 7.6

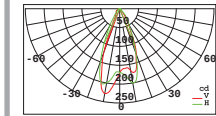


ST6041

CLASS II
IP44
3LED 3.8W
Stainless Steel

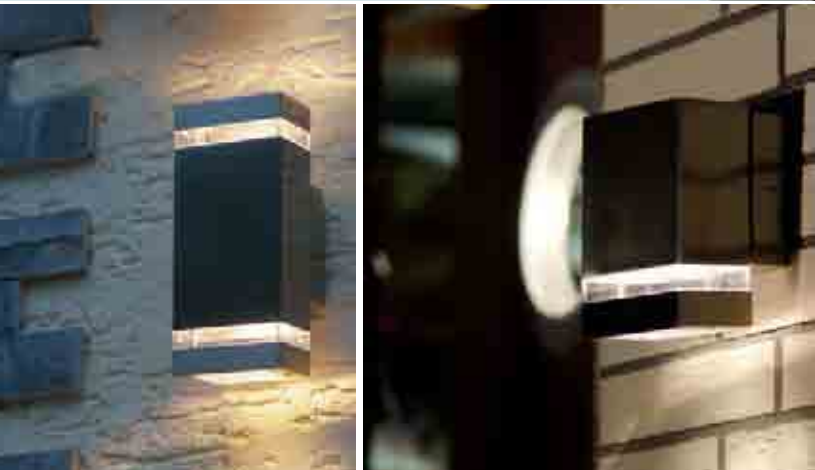


h(m)	Eavg(lx)	Emax(lx)	D(m)
1	159.2	219.4	0.70
2	39.80	54.84	1.40
3	17.69	24.37	2.10
4	9.950	13.71	2.80
5	6.368	8.775	3.50



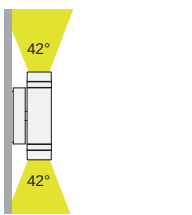
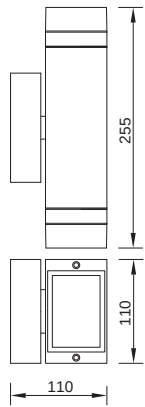
Lumen 140
Watt 3.8



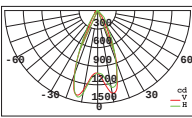


ST6050

CLASS II  
IP44 
6LED 7.6W 
Stainless Steel

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	159.5	207.2	0.77
2	39.87	51.81	1.53
3	17.72	23.03	2.30
4	9.968	12.95	3.07
5	6.379	8.289	3.83

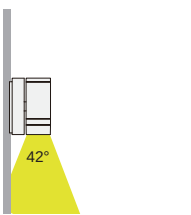
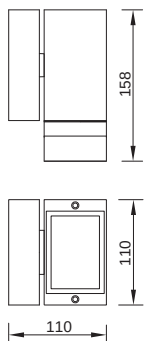


Lumen 300
Watt 7.6

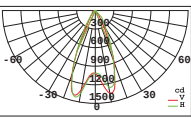


ST6051

CLASS II  
IP44 
3LED 3.8W 
Stainless Steel

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	159.5	207.2	0.77
2	39.87	51.81	1.53
3	17.72	23.03	2.30
4	9.968	12.95	3.07
5	6.379	8.289	3.83



Lumen 150
Watt 3.8





UNITE

CLASS I CE
IP44
12LED 6.5W
Die Cast Aluminum
A+

2601

2602

2604

12603H4

2601

2604

12603H4

2602

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	35.02	49.86	1.30
2	8.756	12.47	2.60
3	3.891	5.540	3.90
4	2.189	3.116	5.20
5	1.401	1.995	6.50

Lumen 260
Watt 6.5

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	4.179	47.64	7.50
2	1.045	11.91	15.0
3	0.4644	5.294	22.5
4	0.2612	2.978	30.0
5	0.1672	1.906	37.5

Lumen 270
Watt 6.5

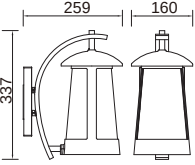


2631L		2631S	
CLASS I CE		CLASS I CE	
IP44		IP44	
1LED 14W		6LED 8.5W	
Die Cast Aluminum		Die Cast Aluminum	
A+		A+	
Lumen 800		Lumen 310	
Watt 14		Watt 8.5	



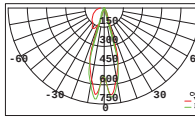
2501

CLASS I 
IP44 
1LED 11W 
E27 23W 
Die Cast Aluminum
A+ 





h(m)	Eavg(lx)	Emax(lx)	D(m)
1	500.6	721.5	0.58
2	125.2	180.4	1.15
3	55.62	80.16	1.73
4	31.29	45.09	2.30
5	20.02	28.86	2.88



Lumen	660
Watt	11

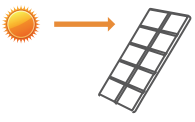


SOLAR



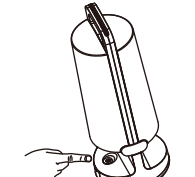


Solar panel



2*0.8W polycrystal

Touchdimmer



1	120lm	4h
2	50lm	10h
3	10lm	40h
4	OFF	

P9041

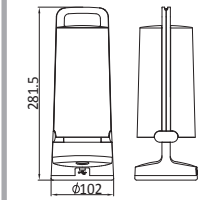
CLASS III  

IP54 

12LED 1.3W 

1*2200mAh 3.7V

Li-ion battery 



Lumen 120

Watt 1.3



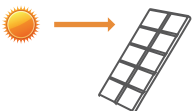
DRAGONFLY





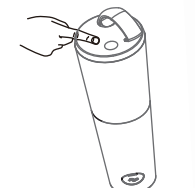
MINI BUTTERFLY

Solar panel



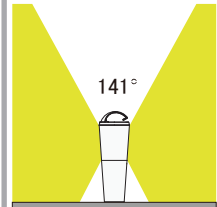
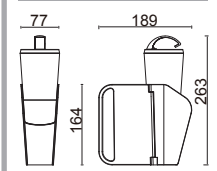
2*1.2W polycrystal

Touchdimmer

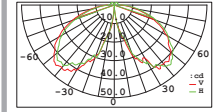


1	180lm	4h
2	70lm	10h
3	18lm	40h
4	OFF	

P9003
CLASS III 
IP44 
12LED 1.6W 
1*2200mAh 3.7V
Li-ion battery 
A+ 



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	10.34	27.40	3.89
2	2.584	6.849	7.77
3	1.148	3.044	11.7
4	0.646	1.712	15.5
5	0.414	1.096	19.4

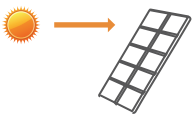


Lumen 180
Watt 1.6





Solar panel



1.4W Monocrystalline

Touchdimmer



1	100lm	5h
2	40lm	7h
3	10lm	15h
4	OFF	

P9035

CLASS III  

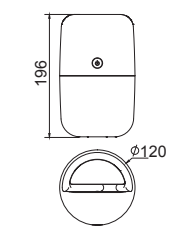
IP44 

3LED 1W 

1*2200mAh 3.7V

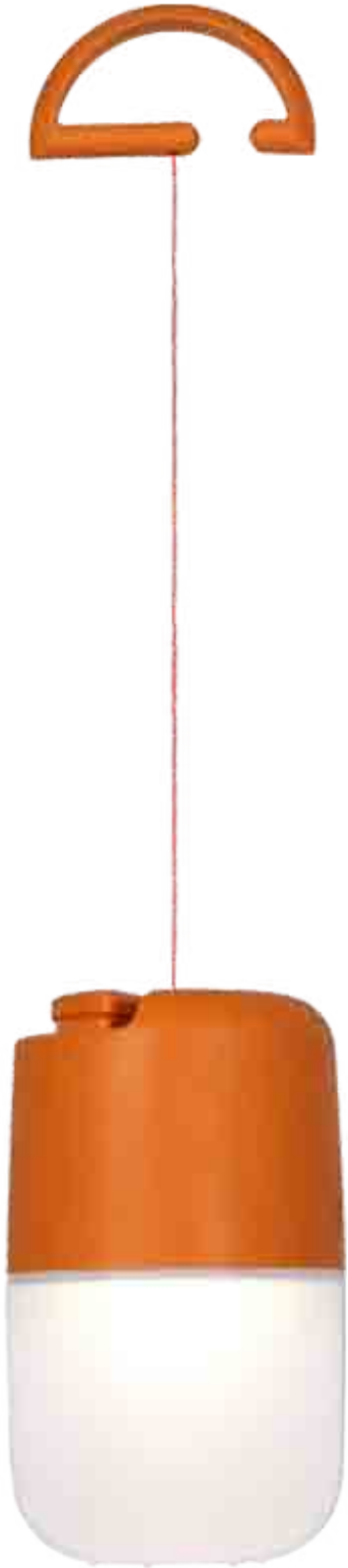
Li-ion battery 





Lumen 100

Watt 1

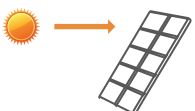




solar
LORD
120



Solar panel



1.4W monocrystalline

TIME  5h

P9040

CLASS III  

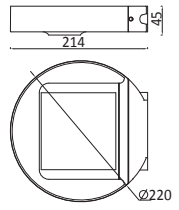
IP44 

3LED 1W 

1*2200mAh 3.7V

Li-ion battery 

A+ 



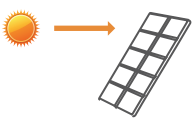
Lumen 125

Watt 1



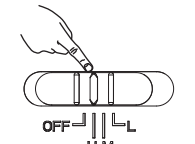


Solar panel



1.4W monocrystalline

Dimmer



OFF H M L

	OFF
H 80lm	5h
M 50lm	8h
L 30lm	15h

P9045

CLASS III  

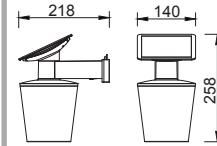
IP44 

3LED 1W 

1*2200mAh 3.7V

Li-ion battery 

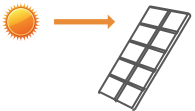
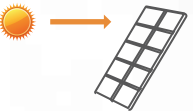
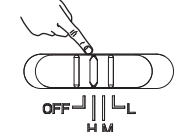
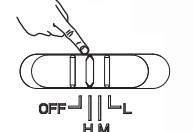
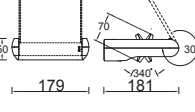
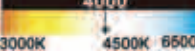
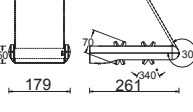
A+ 





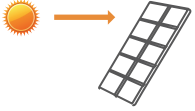
MINI LEDSPOT



Solar panel  1.4W monocrystalline	Solar panel  3.6W monocrystalline																
Dimmer  OFF H M L <table><tr><td></td><td>OFF</td></tr><tr><td>H</td><td>100lm 6h</td></tr><tr><td>M</td><td>50lm 10h</td></tr><tr><td>L</td><td>30lm 21h</td></tr></table>		OFF	H	100lm 6h	M	50lm 10h	L	30lm 21h	Dimmer  OFF H M L <table><tr><td></td><td>OFF</td></tr><tr><td>H</td><td>200lm 6h</td></tr><tr><td>M</td><td>100lm 10h</td></tr><tr><td>L</td><td>60lm 21h</td></tr></table>		OFF	H	200lm 6h	M	100lm 10h	L	60lm 21h
	OFF																
H	100lm 6h																
M	50lm 10h																
L	30lm 21h																
	OFF																
H	200lm 6h																
M	100lm 10h																
L	60lm 21h																
6144S-1-SOLAR CLASS III   IP44  3LED 1W  1*2200mAh 3.7V Li-ion battery  A+   Lumen 100 Watt 1 	6144S-2-SOLAR CLASS III   IP44  6LED 2W  1*2200mAh 7.4V Li-ion battery  A+   Lumen 200 Watt 2 																



Solar panel



3.6W monocrystalline

TIME  5h

P9034

CLASS III  

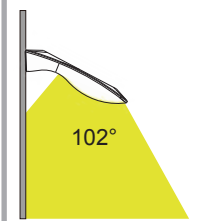
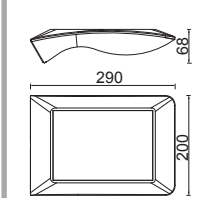
IP44 

6LED 3W 

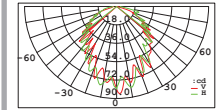
1*2200mAh 7.4V

Li-ion battery 

A+ 



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	33.09	86.13	1.93
2	8.272	21.53	3.86
3	3.676	9.570	5.82
4	2.068	5.383	7.76
5	1.323	3.445	9.70



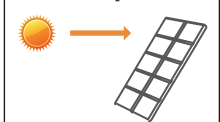
Lumen 200

Watt 3





Solar panel



1W polycrystal



OFF

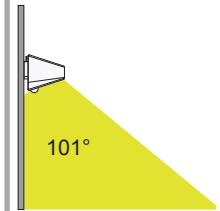
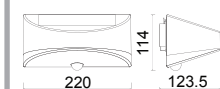
AUTO 160 times

ON 4h

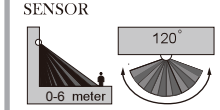
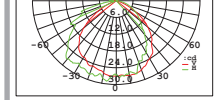
P9015

CLASS III
IP44
6LED 1.2W
1*2200mAh 3.7V
Li-ion battery

A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	10.46	28.73	2.42
2	2.615	7.182	4.83
3	1.162	3.192	7.25
4	0.6537	1.795	9.66
5	0.4184	1.149	12.1



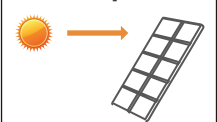
Lumen 100
Watt 1.2



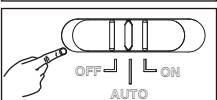


GHOST SOLAR

Solar panel



1.5W polycrystal



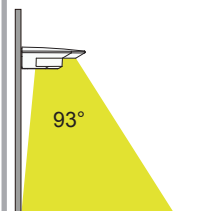
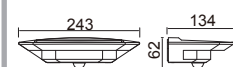
OFF

AUTO 160 times

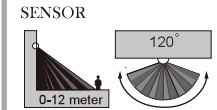
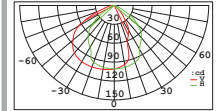
ON 2h

P9014

CLASS III
IP44
6LED 2.4W
1*2200mAh 3.7V
Li-ion battery
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	44.82	102.4	1.91
2	11.21	25.59	3.82
3	4.98	11.37	5.34
4	2.80	6.40	7.65
5	1.79	4.09	9.56



Lumen 200
Watt 2.4





Solar panel

1.5W polycrystal

ON OFF AUTO

OFF

AUTO 120 times

ON 2h

P9011

CLASS III $\diamond$ CE

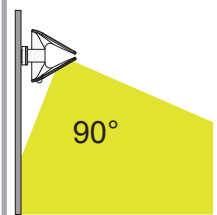
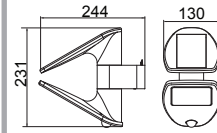
IP44

6LED 2.4W

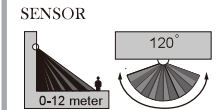
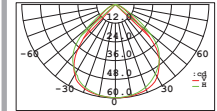
3*1800mAh 1.2V

Ni-MH AA battery

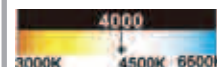
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	29.67	59.85	1.99
2	7.417	14.96	3.98
3	3.297	6.65	5.96
4	1.854	3.741	7.95
5	1.187	2.394	9.94



Lumen	200
Watt	2.4



P9011-1010

CLASS III $\diamond$ CE

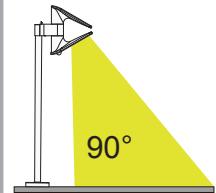
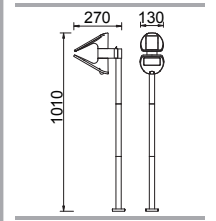
IP44

6LED 2.4W

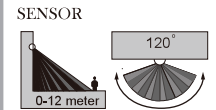
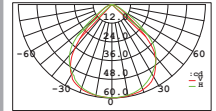
3*1800mAh 1.2V

Ni-MH AA battery

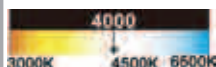
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	29.67	59.85	1.99
2	7.417	14.96	3.98
3	3.297	6.65	5.96
4	1.854	3.741	7.95
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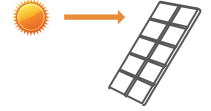


Lumen	200
Watt	2.4

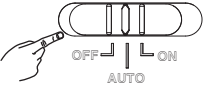




Solar panel



2.5W polycrystal



OFF

AUTO

ON

AUTO

ON

80 times

2h

P9013

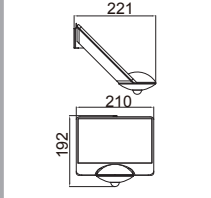
CLASS III  

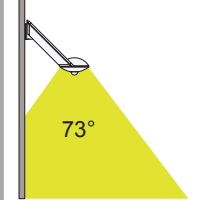
IP44 

12LED 2.3W 

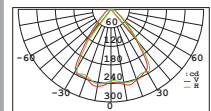
1*2200mAh 3.7V

Li-ion battery 

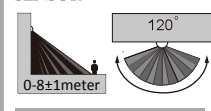




h(m)	Eavg(lx)	Emax(lx)	D(m)
1	156.5	244.2	1.49
2	39.13	61.06	2.98
3	17.39	27.14	4.46
4	9.782	15.27	5.95
5	6.26	9.77	7.44



SENSOR



Lumen

Watt

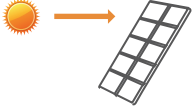
240

2.3





Solar panel

 3.5W polycrystal

 OFF ON
AUTO

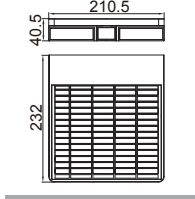
 OFF

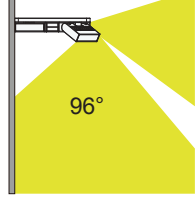
 AUTO 120 times

 ON 2h

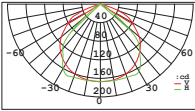
P9012

CLASS III  
IP44 
4LED 4W 
1*2200mAh 7.4V
Li-ion battery 
A+ 





h(m)	Eavg(lx)	Emax(lx)	D(m)
1	79.89	166.9	2.21
2	19.97	41.74	4.41
3	8.876	18.55	6.62
4	4.993	10.43	8.82
5	3.196	6.678	11



SENSOR

 0-12 meter  120°

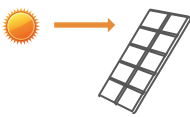
Lumen 420
Watt 4

 3000K 4000K 4500K 6500K

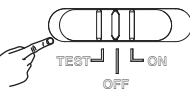




Solar panel



1.5W polycrystal
(5 meter cable)



TEST ON OFF

OFF

ON 240 times

P9016

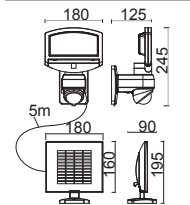
CLASS III  

IP44 

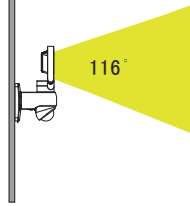
8LED 3.2W 

1*2200mAh 3.7V

Li-ion battery 

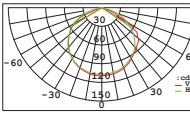


180 125 245 180 90 195 5m



116°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	32.01	109.8	3.04
2	8.003	27.44	6.09
3	3.557	12.19	9.13
4	2.001	6.859	1.22
5	1.280	4.390	1.522



180°

0-15 meter

Lumen 360

Watt 3.2

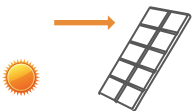


3000K 4000K 4500K 6500K

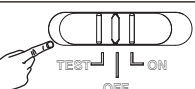




Solar panel



2.5W polycrystal
(5 meter cable)



OFF

ON  120
times

P9019

CLASS III  

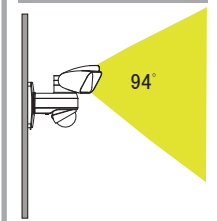
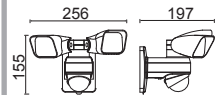
IP44 

4LED 4W 

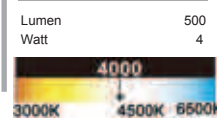
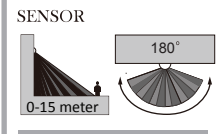
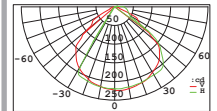
1*2200mAh 7.4V

Li-ion battery 

A+ 

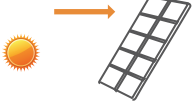


h(m)	Eavg(lx)	Emax(lx)	D(m)
1	110.2	224.0	1.87
2	27.56	55.99	3.74
3	12.25	24.89	5.60
4	6.89	14.00	7.47
5	4.41	8.96	9.34



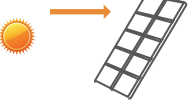


Solar panel



3.5W polycrystal
(5 meter cable)

Solar panel



3.5W polycrystal
(5 meter cable)

OFF ON
AUTO

OFF

AUTO 120 times

ON 2h

OFF ON
AUTO

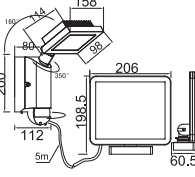
OFF

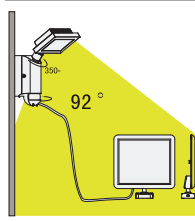
AUTO 120 times

ON 2h

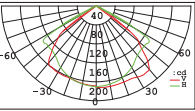
6101S-PIR SL

CLASS III 
IP44 
4LED 5W 
1*2200mAh 7.4V
Li-ion battery 
Die Cast Aluminum



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	85.94	171.8	2.1
2	21.48	42.95	4.2
3	9.548	19.09	6.3
4	5.371	10.74	8.4
5	3.437	6.871	10.5



SENSOR


TIME


LUX


180°

10s-60s

10LUX-
daylight

0-12meter

Lumen

450

Watt

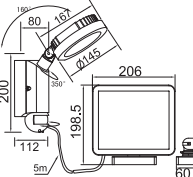
5

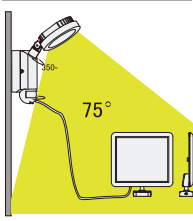
4000

3000K 4500K 6500K

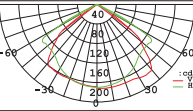
6102S-PIR SL

CLASS III 
IP44 
4LED 5W 
1*2200mAh 7.4V
Li-ion battery 
Die Cast Aluminum



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	127	194.9	1.55
2	31.75	48.73	3.09
3	14.11	21.66	4.64
4	7.937	12.18	6.19
5	5.079	7.797	7.73



SENSOR


TIME


LUX


180°

10s-60s

10LUX-
daylight

0-12meter

Lumen

450

Watt

5

4000

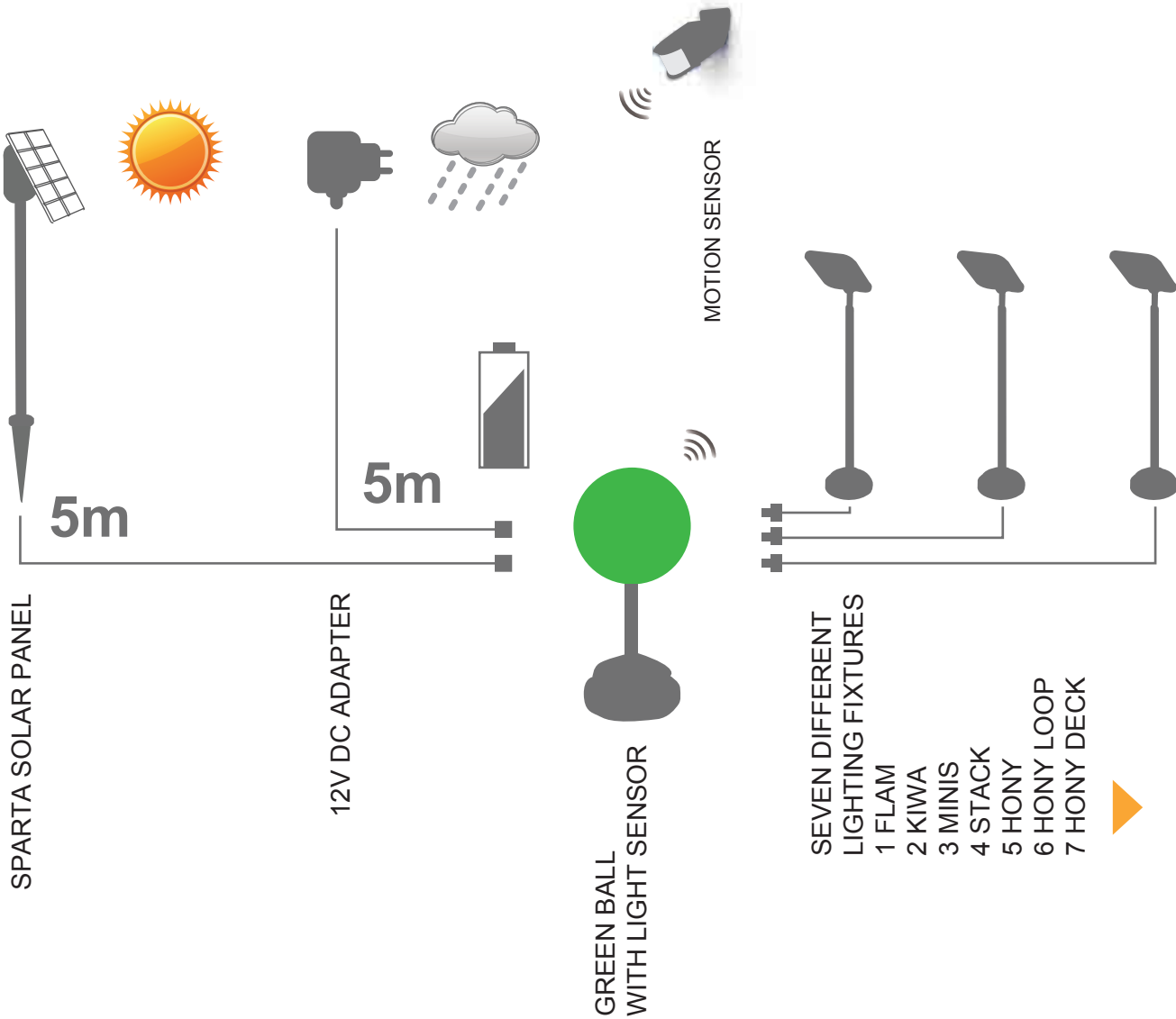
3000K 4500K 6500K

solar
NEVADA

142



solar hybrid system concept

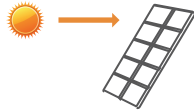


solar
SPARTA

145



Solar panel



4W polycrystal
(5 meter cable)

TIME  4h

P9052

CLASS III  
IP44 
12V 4W
1*2200mAh 7.4V
Li-ion battery 

235x235



76.5



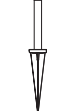
90



765



ø70



solar
GREEN BALL

146



P9053

CLASS III  
IP44 
2*12V DC input
3*12V DC output


118



118



257



P9054

CLASS III  
IP44 
4x1.5V AAA Battery 


79



113



65



SENSOR

DISTANCE



5/8/12M TEST 1/3/10min

TIME



TEST 1/3/10min

180°



Max 12 meter





P9036

CLASS III  
IP44 
3LED 1W 
Input: 12V DC

A+

56.5 194 600

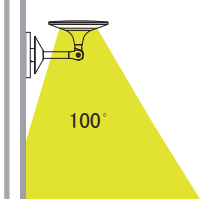
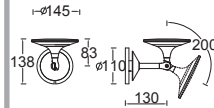
Lumen 100
Watt 1

3000K 4000 4500K 6500K

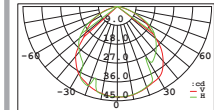


ST9039

CLASS III
IP44
6LED 1W
Input: 12V DC
Stainless Steel
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	16.10	43.18	2.39
2	4.024	10.79	4.79
3	1.788	4.798	7.18
4	1.006	2.699	9.57
5	0.644	1.727	11.9

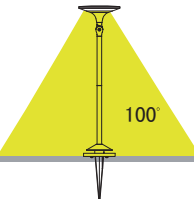
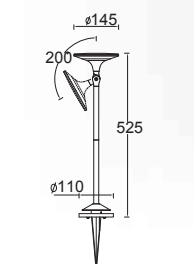


Lumen 100
Watt 1

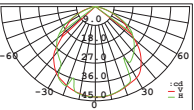


ST9039-525

CLASS III
IP44
6LED 1W
Input: 12V DC
Stainless Steel
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	16.10	43.18	2.39
2	4.024	10.79	4.79
3	1.788	4.798	7.18
4	1.006	2.699	9.57
5	0.644	1.727	11.9

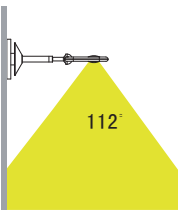
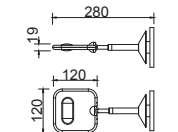


Lumen 100
Watt 1

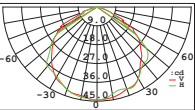




ST9038
CLASS III ⬢ CE
IP44 ⬢
3LED 1W ⬢
Input: 12V DC
Stainless Steel
A+



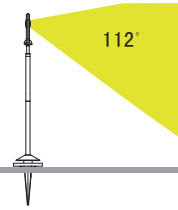
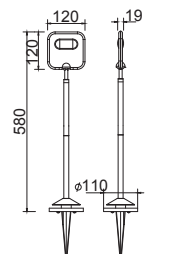
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	13.96	44.44	2.91
2	3.491	11.11	5.83
3	1.552	4.938	8.74
4	0.873	2.778	11.7
5	0.559	1.778	14.6



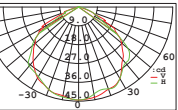
Lumen 100
Watt 1



ST9038-580
CLASS III ⬢ CE
IP44 ⬢
3LED 1W ⬢
Input: 12V DC
Stainless Steel
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	13.96	44.44	2.91
2	3.491	11.11	5.83
3	1.552	4.938	8.74
4	0.873	2.778	11.7
5	0.559	1.778	14.6



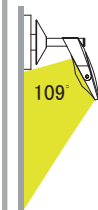
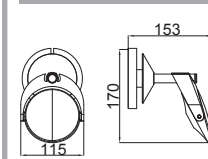
Lumen 100
Watt 1



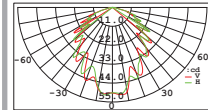


P9037

CLASS III ⬢ CE
IP44 ⬢
3LED 1W
Input: 12V DC
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	16.82	50.76	2.37
2	4.206	12.69	4.73
3	1.869	5.640	7.10
4	1.052	3.172	9.47
5	0.673	2.030	11.8

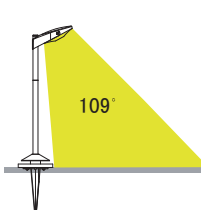
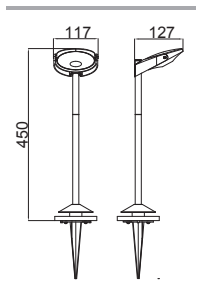


Lumen 120
Watt 1

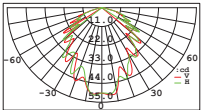


P9037-450

CLASS III ⬢ CE
IP44 ⬢
3LED 1W
Input: 12V DC
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	16.82	50.76	2.37
2	4.206	12.69	4.73
3	1.869	5.640	7.10
4	1.052	3.172	9.47
5	0.673	2.030	11.8



Lumen 120
Watt 1





9047

CLASS III ⬢ CE
IP67 ⬢⬢⬢
1LED 1W ⬢
Input: 12V DC
A+ ⬢

Ø60 122

485

Lumen 100
Watt 1

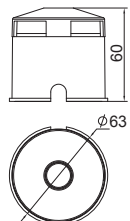
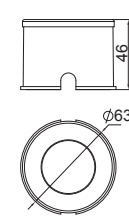
3000K 4000K 4500K 6500K





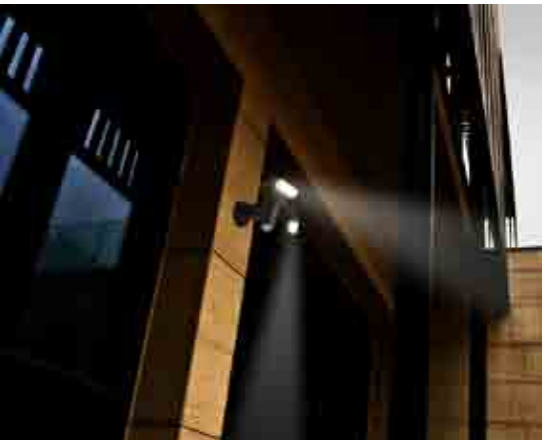
HONY LOOP & HONY DECK



9049	9048
CLASS III ⬢ CE	CLASS III ⬢ CE
IP67 ⬢⬢⬢	IP67 ⬢⬢⬢
1LED 1W	1LED 1W
Input: 12V DC	Input: 12V DC
A+	A+
	
Lumen 100	Lumen 100
Watt 1	Watt 1
	



SECURITY & WORK Light



6156-PIR

CLASS I 

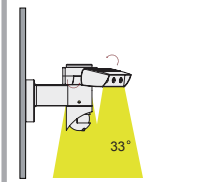
IP54 

6LED 20W 

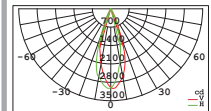
Die Cast Aluminum

A+ 





h(m)	Eavg(lx)	Emax(lx)	D(m)
1	2052	3041	0.58
2	513.0	760.2	1.15
3	228.0	337.9	1.73
4	128.3	190.1	2.31
5	82.09	121.6	2.88



SENSOR



TIME 10s-8min

LUX 10LUX-daylight

0-12 meter

Lumen	2100
Watt	20



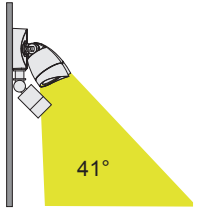
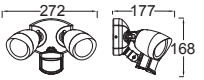


US market only (6219)

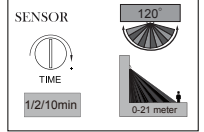
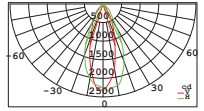


6219A-PIR23

CLASS I CE/UL
IP54
12LED 22W
Die Cast Aluminum
A+



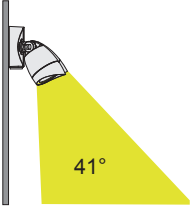
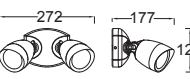
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1708	2336	0.60
2	426.9	584.0	1.19
3	189.7	259.5	1.79
4	106.7	146.0	2.39
5	68.30	93.44	2.98



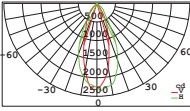
Lumen	1380
Watt	22
4000K 4500K 6500K	

6219A

CLASS I CE/UL
IP54
12LED 22W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1708	2336	0.60
2	426.9	584.0	1.19
3	189.7	259.5	1.79
4	106.7	146.0	2.39
5	68.30	93.44	2.98



Lumen	1380
Watt	22
4000K 4500K 6500K	

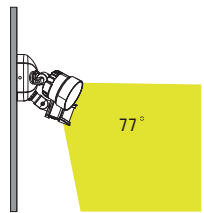
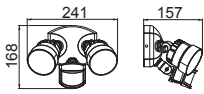


6221-PIR23
US market only

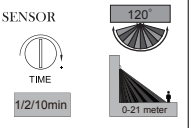
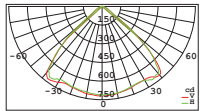
6221A-PIR23

CLASS I CE/UL
IP54
12LED 24W
Die Cast Aluminum

A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	471.3	718.8	1.59
2	117.8	179.7	3.18
3	52.37	79.87	4.77
4	29.46	44.93	6.37
5	18.85	28.75	7.96



Lumen 1620
Watt 24





8091

CLASS I CE
IP54 ⚡
4LED 5.5W 🔋
Die Cast Aluminum
A+ ➡

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	70.71	217.0	2.57
2	17.68	54.26	5.14
3	7.856	24.11	7.72
4	4.419	13.56	10.3
5	2.828	8.681	12.9

Lumen470

Watt5.5



6101S-PIR

CLASS I

IP54

8LED 24W

Die Cast Aluminum

A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	10434	15749	0.26
2	2608	3937	0.51
3	1159	1750	0.77
4	652.1	984.3	1.03
5	417.3	630.0	1.29

SENSOR

Lumen

1550

Watt

24

6101S

CLASS I

IP54

8LED 24W

Die Cast Aluminum

A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	10434	15749	0.26
2	2608	3937	0.51
3	1159	1750	0.77
4	652.1	984.3	1.03
5	417.3	630.0	1.29

Lumen

1550

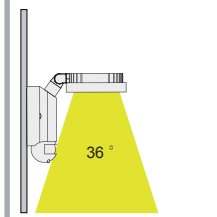
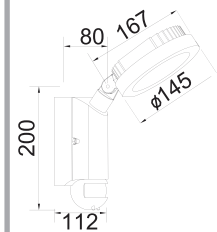
Watt

24

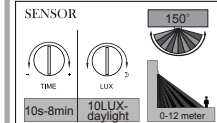
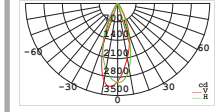


6102S-PIR

CLASS I CE
IP54
8LED 22W
Die Cast Aluminum
A+



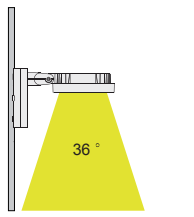
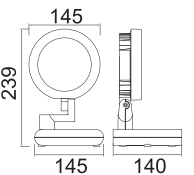
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	2037	3140	0.65
2	509.3	784.9	1.31
3	226.4	348.9	1.96
4	127.3	196.2	2.61
5	81.49	125.6	3.27



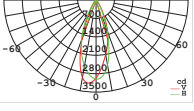
Lumen	1520
Watt	22
	

6102S

CLASS I CE
IP54
8LED 22W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	2037	3140	0.65
2	509.3	784.9	1.31
3	226.4	348.9	1.96
4	127.3	196.2	2.61
5	81.49	125.6	3.27



Lumen	1520
Watt	22
	



6191-840

CLASS I CE
IP54
8LED 11W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	193.8	422.5	2.22
2	48.46	105.6	4.43
3	21.54	46.95	6.65
4	12.11	26.41	8.87
5	7.753	16.90	11.1

Lumen 1050
Watt 11

4000

3000K 4500K 6500K

6190

CLASS I CE
IP54
8LED 11W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	193.8	422.5	2.22
2	48.46	105.6	4.43
3	21.54	46.95	6.65
4	12.11	26.41	8.87
5	7.753	16.90	11.1

Lumen 1050
Watt 11

4000

3000K 4500K 6500K



6170-PIR	6170	6170-SP																																																																								
CLASS II CE IP54 8LED 24W Die Cast Aluminum A+	CLASS II CE IP54 8LED 24W Die Cast Aluminum A+	CLASS II CE IP54 8LED 24W Die Cast Aluminum A+																																																																								
<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>238.7</td><td>481.1</td><td>2.01</td></tr><tr><td>2</td><td>59.67</td><td>120.3</td><td>4.02</td></tr><tr><td>3</td><td>26.52</td><td>53.46</td><td>6.02</td></tr><tr><td>4</td><td>14.92</td><td>30.07</td><td>8.03</td></tr><tr><td>5</td><td>9.547</td><td>19.25</td><td>10</td></tr></table>	h(m)	Eavg(lx)	Emax(lx)	D(m)	1	238.7	481.1	2.01	2	59.67	120.3	4.02	3	26.52	53.46	6.02	4	14.92	30.07	8.03	5	9.547	19.25	10	<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>238.7</td><td>481.1</td><td>2.01</td></tr><tr><td>2</td><td>59.67</td><td>120.3</td><td>4.02</td></tr><tr><td>3</td><td>26.52</td><td>53.46</td><td>6.02</td></tr><tr><td>4</td><td>14.92</td><td>30.07</td><td>8.03</td></tr><tr><td>5</td><td>9.547</td><td>19.25</td><td>10</td></tr></table>	h(m)	Eavg(lx)	Emax(lx)	D(m)	1	238.7	481.1	2.01	2	59.67	120.3	4.02	3	26.52	53.46	6.02	4	14.92	30.07	8.03	5	9.547	19.25	10	<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>238.7</td><td>481.1</td><td>2.01</td></tr><tr><td>2</td><td>59.67</td><td>120.3</td><td>4.02</td></tr><tr><td>3</td><td>26.52</td><td>53.46</td><td>6.02</td></tr><tr><td>4</td><td>14.92</td><td>30.07</td><td>8.03</td></tr><tr><td>5</td><td>9.547</td><td>19.25</td><td>10</td></tr></table>	h(m)	Eavg(lx)	Emax(lx)	D(m)	1	238.7	481.1	2.01	2	59.67	120.3	4.02	3	26.52	53.46	6.02	4	14.92	30.07	8.03	5	9.547	19.25	10
h(m)	Eavg(lx)	Emax(lx)	D(m)																																																																							
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1	238.7	481.1	2.01																																																																							
2	59.67	120.3	4.02																																																																							
3	26.52	53.46	6.02																																																																							
4	14.92	30.07	8.03																																																																							
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6170S-PIR

CLASS I CE
IP54
8LED 10W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	90.84	312.0	3.04
2	22.71	78.00	6.08
3	10.09	34.66	9.13
4	5.678	19.50	12.17
5	3.634	12.48	15.21

SENSOR

TIME 10s-8min
LUX 10LUX-daylight
0-12meter

Lumen	860
Watt	10

4000

3000K 4500K 6500K

6170S-SP

CLASS I CE
IP54
8LED 10W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	90.84	312.0	3.04
2	22.71	78.00	6.08
3	10.09	34.66	9.13
4	5.678	19.50	12.17
5	3.634	12.48	15.21

SENSOR

TIME 10s-8min
LUX 10LUX-daylight
0-12meter

Lumen	860
Watt	10

4000

3000K 4500K 6500K

6170S

CLASS I CE
IP54
8LED 10W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	90.84	312.0	3.04
2	22.71	78.00	6.08
3	10.09	34.66	9.13
4	5.678	19.50	12.17
5	3.634	12.48	15.21

SENSOR

TIME 10s-8min
LUX 10LUX-daylight
0-12meter

Lumen	860
Watt	10

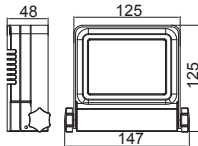
4000

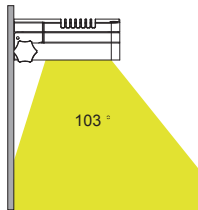
3000K 4500K 6500K



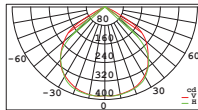
6226

CLASS I 
IP54 
1COB LED 11W 
Die Cast Aluminum
A+ 





h(m)	Eavg(lx)	Emax(lx)	D(m)
1	167.9	384.4	2.25
2	41.97	96.10	4.51
3	18.65	42.71	6.77
4	10.49	24.02	9.02
5	6.715	15.38	11.3



Lumen900
Watt11



3000K4000K4500K6500K



6229	6230	6229-800																																																																								
CLASS I ⚡ IP54 ⚡ 1 COB LED 11W ⚡ Die Cast Aluminum A+	CLASS I ⚡ IP65 ⚡ 1 COB LED 11W ⚡ Die Cast Aluminum A+	CLASS I ⚡ IP54 ⚡ 1 COB LED 11W ⚡ Die Cast Aluminum A+																																																																								
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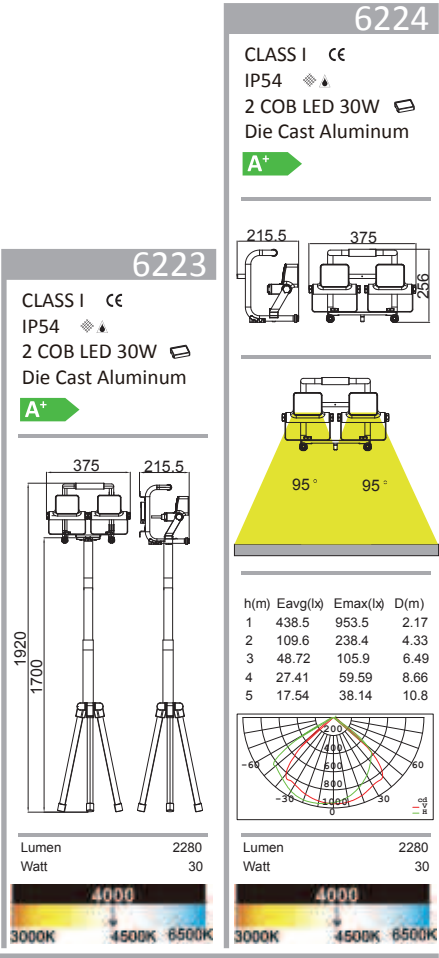


6225

CLASS I CE
IP54
1 COB LED 22W
Die Cast Aluminum
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	239.8	677.8	2.50
2	59.95	167.0	5.00
3	26.65	74.21	7.50
4	14.99	41.74	10.0
5	9.593	26.71	12.5

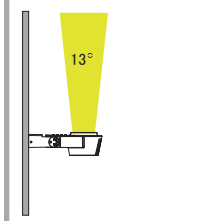
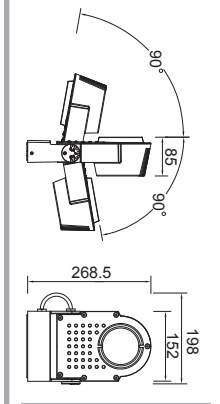
Lumen1580
Watt22



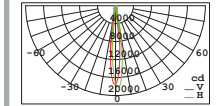


6243 N

CLASS I CE
IP65
1 COB LED 34W
Die Cast Aluminum
A+

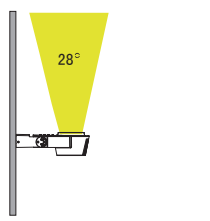


h(m)	Eavg(lx)	Emax(lx)	D(m)
1	12222	18093	0.23
2	3055	4523	0.46
3	1358	2010	0.7
4	763.9	1131	0.93
5	488.9	723.7	1.16

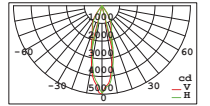


Lumen	2030
Watt	34
4000	
3000K 4500K 6500K	

6243 W



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	3288	4962	0.49
2	821.9	1241	0.98
3	365.3	551.4	1.46
4	205.5	310.1	1.95
5	131.5	198.5	2.44



Lumen	1904
Watt	34
4000	
3000K 4500K 6500K	

FUNCTIONAL



FUNTIONAL

WALL & CEILING



3481L UBLO / P188



3481S UBLO / P188



3491L UBLO / P188



3491S UBLO / P188



3501L UBLO / P188



3501S UBLO / P188



3351 ORIGO / P190



3351S ORIGO / P190



3371 TITAN / P192



3372 TITAN / P192



3361 TITAN / P194



3362 TITAN / P194



3363 TITAN / P194



3172S TITAN / P196



3174S TITAN / P196



3381 SEINE / P198



3382 SEINE / P198



3383 SEINE / P198



3341S SEINE / P200



3342S SEINE / P200



3304 BONN / P202



ST3304 BONN / P202

RECESSED WALL



1831A VICTORIA / P204



1831B VICTORIA / P204



1831C VICTORIA / P204



1831D VICTORIA / P206



1829 CATANIA / P206



1821D-A MONTANA / P208

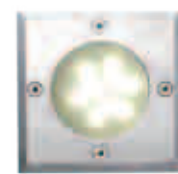


1822D MONTANA / P208

RECESSED GROUND



7005A BERLIN / P210



7005B BERLIN / P210



7042A CYDOPS / P212



7036A GEA / P214



7037A GEA / P214



7013 ARCTIC / P216



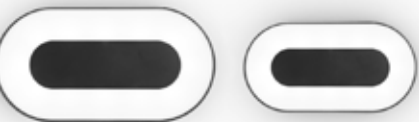
7008A REGINA / P218



7009A REGINA / P220



3481L Ø 263 45	3481S Ø 193 25
3491L 283 153 45	3491S 213 113 25
3501L 223 223 45	3501S 163 163 25
CLASS I CE IP54 24LED 11W Die Cast Aluminum A+	CLASS I CE IP54 12LED 6.3W Die Cast Aluminum A+
Lumen 570 Watt 11	Lumen 280 Watt 6.3

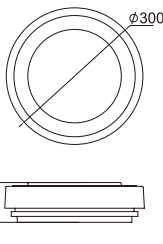
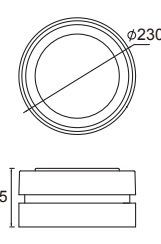


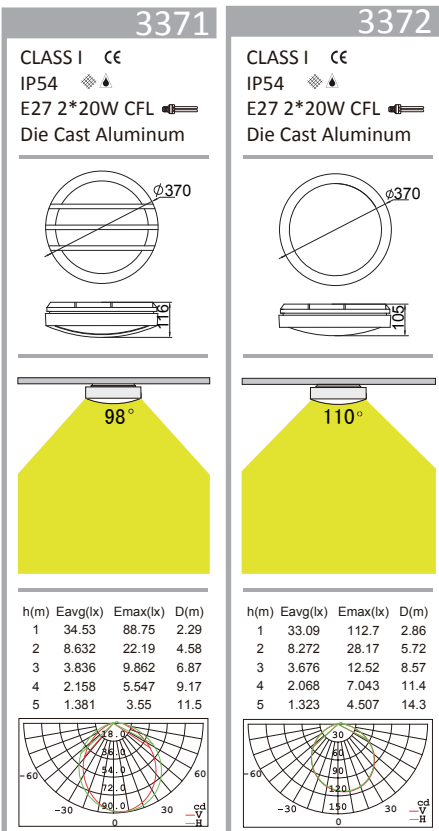


wall & ceiling
ORIGO

190



3351	3351S
CLASS I 	CLASS I 
IP54 	IP54 
E27 60W 	E27 60W 
2*E27 PL23W 	Die Cast Aluminum
Die Cast Aluminum	
	





3361

CLASS I CE

IP54

E27 20W CFL

Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	18,64	69,47	3,18
2	4,659	17,37	6,36
3	2,071	7,719	9,54
4	1,165	4,342	12,7
5	0,7455	2,779	15,9

3362

CLASS I CE

IP54

E27 20W CFL

Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	20,16	87,19	3,47
2	5,039	21,8	6,94
3	2,24	9,688	10,4
4	1,26	5,449	13,9
5	0,8063	3,488	17,3

3363

CLASS I CE

IP54

E27 20W CFL

Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	40,47	86,13	1,62
2	10,12	21,53	3,24
3	4,497	9,57	4,86
4	2,529	5,383	6,47
5	1,619	3,445	8,09



3172S

CLASS I CE
IP54
9LED 4W
Die Cast Aluminum
A+

Ø140 52

112°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	13.27	40.94	2.68
2	3.318	10.24	5.36
3	1.475	4.549	8.04
4	0.830	2.559	10.7
5	0.531	1.638	13.4

112°

Lumen 180
Watt 4

3000K 4500K 6500K

3174S

CLASS I CE
IP54
9LED 3W
Die Cast Aluminum
A+

Ø140 57

112°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	13.27	40.94	2.68
2	3.318	10.24	5.36
3	1.475	4.549	8.04
4	0.830	2.559	10.7
5	0.531	1.638	13.4

112°

Lumen 130
Watt 3

3000K 4500K 6500K



3381

CLASS I CE

IP54

E27 2*20W PL

Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	42.46	130.5	2.73
2	10.62	32.63	5.46
3	4.718	14.5	8.2
4	2.654	8.158	10.9
5	1.698	5.221	13.7

3382

CLASS I CE

IP54

E27 2*20W PL

Die Cast Aluminum

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	44.58	156	3.02
2	11.14	39.01	6.04
3	4.953	17.34	9.06
4	2.786	9.752	12.1
5	1.783	1	15.1

3383

CLASS I CE

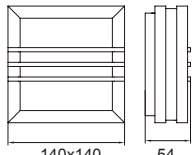
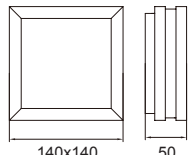
IP54

E27 2*20W PL

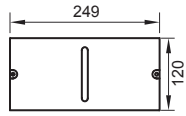
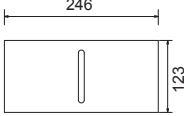
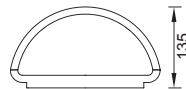
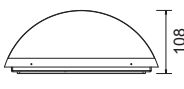
Die Cast Aluminum

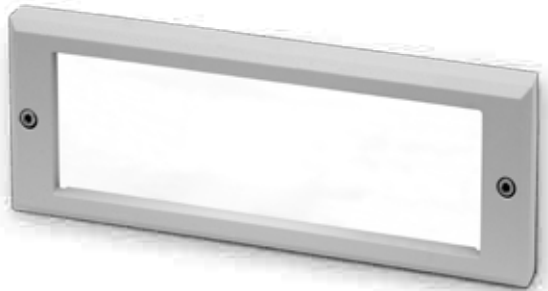
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	39.75	130.5	29.5
2	9.939	32.62	5.9
3	4.417	14.5	8.85
4	2.485	8.155	11.8
5	1.59	5.219	14.8



3341S	3342S
CLASS I CE IP54 9LED 4W Die Cast Aluminum A+	CLASS I CE IP54 9LED 4W Die Cast Aluminum A+
	
140x140 54	140x140 50
Lumen 150 Watt 4	Lumen 180 Watt 4
3000K 4500K 6500K	3000K 4500K 6500K



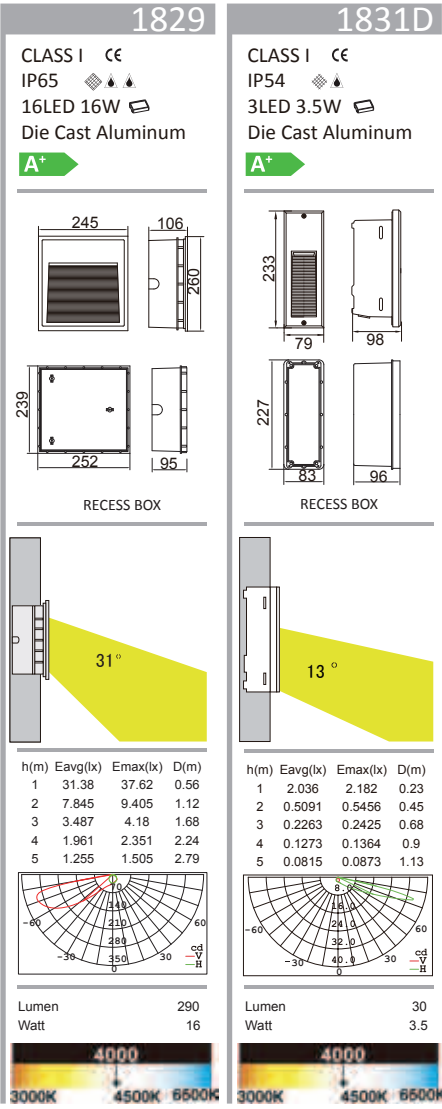
3304	ST3304
CLASS I 	CLASS II 
IP44 	IP44 
E27 60W 	E27 60W 
E27 CFL 	15W CFL 
Die Cast Aluminum	Stainless steel
 249 120	 246 123
 135	 108



1831A LED	1831B LED	1831C LED																																																																								
CLASS I CE IP65 8LED 10W Die Cast Aluminum A+	CLASS I CE IP65 8LED 10W Die Cast Aluminum A+	CLASS I CE IP65 8LED 10W Die Cast Aluminum A+																																																																								
RECESS BOX	RECESS BOX	RECESS BOX																																																																								
<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>76.37</td><td>122.6</td><td>1.16</td></tr><tr><td>2</td><td>19.09</td><td>30.65</td><td>2.31</td></tr><tr><td>3</td><td>8.485</td><td>13.62</td><td>3.47</td></tr><tr><td>4</td><td>4.773</td><td>7.662</td><td>4.62</td></tr><tr><td>5</td><td>3.055</td><td>4.903</td><td>5.78</td></tr></table>	h(m)	Eavg(lx)	Emax(lx)	D(m)	1	76.37	122.6	1.16	2	19.09	30.65	2.31	3	8.485	13.62	3.47	4	4.773	7.662	4.62	5	3.055	4.903	5.78	<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>104.8</td><td>170.6</td><td>1.40</td></tr><tr><td>2</td><td>26.21</td><td>42.64</td><td>2.80</td></tr><tr><td>3</td><td>11.65</td><td>18.95</td><td>4.20</td></tr><tr><td>4</td><td>6.552</td><td>10.66</td><td>5.60</td></tr><tr><td>5</td><td>4.193</td><td>6.823</td><td>7.00</td></tr></table>	h(m)	Eavg(lx)	Emax(lx)	D(m)	1	104.8	170.6	1.40	2	26.21	42.64	2.80	3	11.65	18.95	4.20	4	6.552	10.66	5.60	5	4.193	6.823	7.00	<table><tr><th>h(m)</th><th>Eavg(lx)</th><th>Emax(lx)</th><th>D(m)</th></tr><tr><td>1</td><td>21.12</td><td>39.53</td><td>0.93</td></tr><tr><td>2</td><td>5.281</td><td>9.884</td><td>1.66</td></tr><tr><td>3</td><td>2.347</td><td>4.393</td><td>2.50</td></tr><tr><td>4</td><td>1.320</td><td>2.471</td><td>3.33</td></tr><tr><td>5</td><td>0.8449</td><td>1.581</td><td>4.16</td></tr></table>	h(m)	Eavg(lx)	Emax(lx)	D(m)	1	21.12	39.53	0.93	2	5.281	9.884	1.66	3	2.347	4.393	2.50	4	1.320	2.471	3.33	5	0.8449	1.581	4.16
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3	11.65	18.95	4.20																																																																							
4	6.552	10.66	5.60																																																																							
5	4.193	6.823	7.00																																																																							
h(m)	Eavg(lx)	Emax(lx)	D(m)																																																																							
1	21.12	39.53	0.93																																																																							
2	5.281	9.884	1.66																																																																							
3	2.347	4.393	2.50																																																																							
4	1.320	2.471	3.33																																																																							
5	0.8449	1.581	4.16																																																																							
Lumen 250 Watt 10	Lumen 460 Watt 10	Lumen 100 Watt 10																																																																								



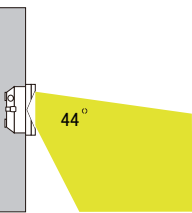
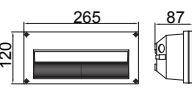
recessed wall
CATANIA&VICTORIA



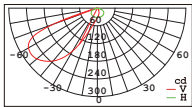


1821D-A

CLASS I CE
IP54
12LED 14W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	32.04	77.78	0.81
2	8.009	19.44	1.62
3	3.560	8.642	2.42
4	2.002	4.861	3.23
5	1.282	3.111	4.04

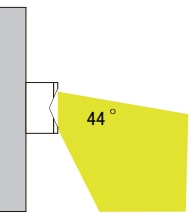
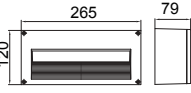


Lumen 330
Watt 14

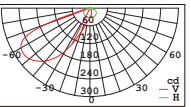


1822D

CLASS I CE
IP54
12LED 14W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	32.04	77.78	0.81
2	8.009	19.44	1.62
3	3.560	8.642	2.42
4	2.002	4.861	3.23
5	1.282	3.111	4.04



Lumen 330
Watt 14



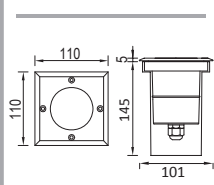
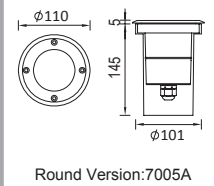


recessed ground
BERLIN

210



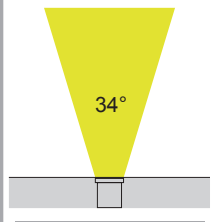
7005A 7005B



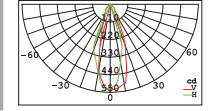
Round Version:7005A
Square Version:7005B

7005A/B GU10

CLASS I CE
IP67
GU10 35W
Die Cast Aluminum
Stainless Steel

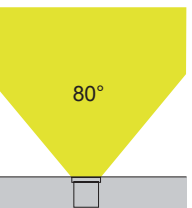


h(m)	Eavg(lx)	Emax(lx)	D(m)
1	357.1	531.2	0.62
2	89.26	132.8	1.24
3	39.67	59.02	1.85
4	22.32	33.2	2.47
5	14.28	21.25	3.09

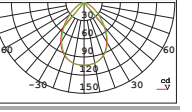


7005A/B LED

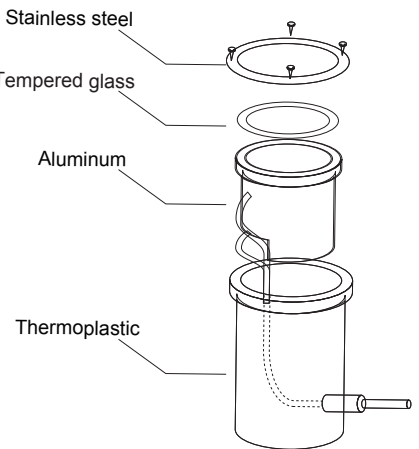
CLASS I CE
IP67
9LED 5W
Die Cast Aluminum
Stainless Steel
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	52.67	103.7	1.68
2	13.17	25.91	3.35
3	5.853	11.52	5.03
4	3.292	6.478	6.71
5	2.107	4.146	8.38



2000kgs





7042A

CLASS I
IP67
1 COB LED 11W
Stainless Steel

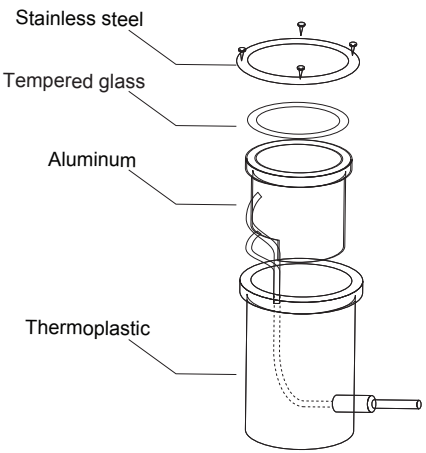
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	244.5	515.9	1.64
2	61.12	129.0	3.29
3	27.17	57.33	4.93
4	15.28	32.25	6.58
5	9.779	20.64	8.22

Lumen 860
Watt 11

recessed ground
CYDOPS



2000kgs





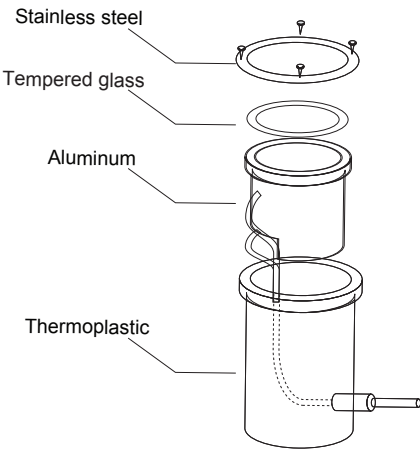
*Adjustable lampholder



*Adjustable lampholder



7036A					7037A				
CLASS I CE IP67 3LED 3W Die Cast Aluminum Stainless Steel A+					CLASS I CE IP67 9LED 27W Die Cast Aluminum Stainless Steel A+				
h(m)	Eavg(lx)	Emax(lx)	D(m)		h(m)	Eavg(lx)	Emax(lx)	D(m)	
1	486.9	755.8	0.44		1	8618	12769	0.27	
2	121.7	188.9	0.89		2	2154	3192	0.54	
3	54.10	83.97	1.33		3	957.5	1419	0.80	
4	30.43	47.24	1.77		4	538.6	798.1	1.07	
5	19.48	30.23	2.22		5	344.7	510.8	1.34	
Lumen 230 Watt 3					Lumen 1300 Watt 27				



2000kgs



7013

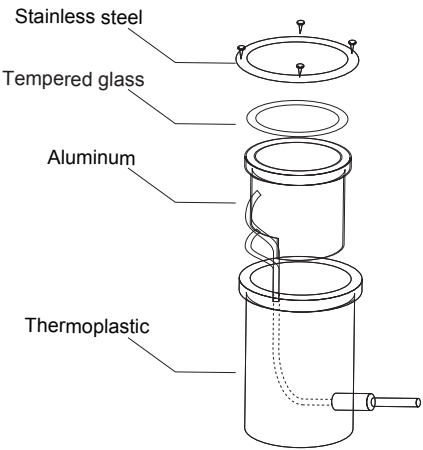
CLASS I CE
IP67
6LED 16W
Stainless Steel
A+

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1487	2209	0.39
2	371.7	552.3	0.78
3	165.2	245.5	1.17
4	92.94	138.1	1.56
5	59.48	88.36	1.95

Lumen 950
Watt 16

3000K 4000 4500K 6500K

recessed ground
ARCTIC
216



2000kgs

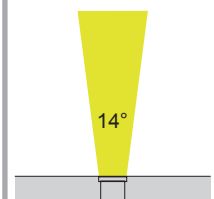
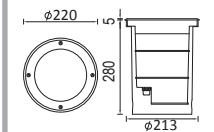


*Adjustable lampholder

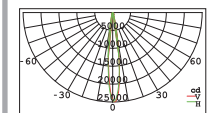


7008A G12 N

CLASS I CE
IP67
G12 Narrow Beam
70W
Die Cast Aluminum
Stainless Steel



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	16837	25094	0.25
2	4209	62731	0.49
3	1871	2788	0.74
4	1052	1568	0.99
5	673.5	1004	1.24

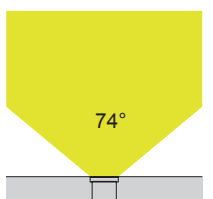
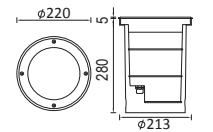


*Adjustable lampholder

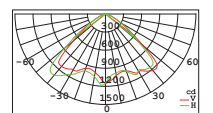


7008A G12 W

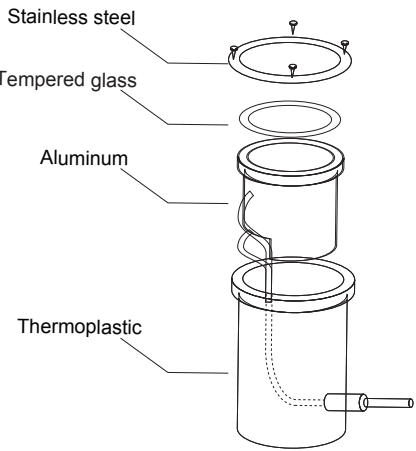
CLASS I CE
IP67
G12 Wide Beam
70W
Die Cast Aluminum
Stainless Steel



h(m)	Eavg(lx)	Emax(lx)	D(m)
1	753.6	1175	1.51
2	188.4	293.7	3.02
3	83.74	130.5	4.54
4	47.10	73.43	6.05
5	30.15	47.00	7.56



recessed ground
REGINA



2000kgs



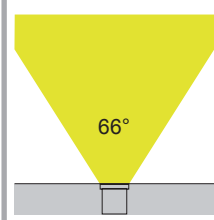
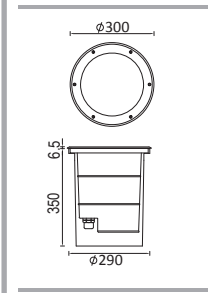
Anti-glare
(not suitable for LED versions)



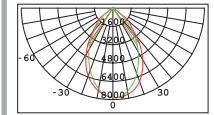
*Adjustable lampholder



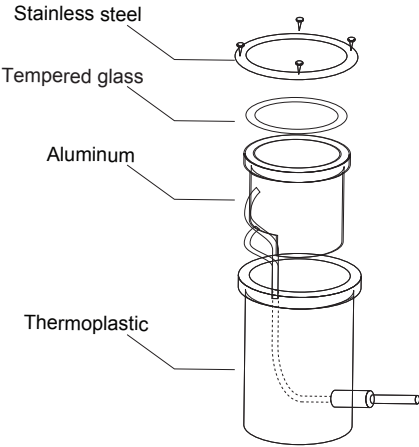
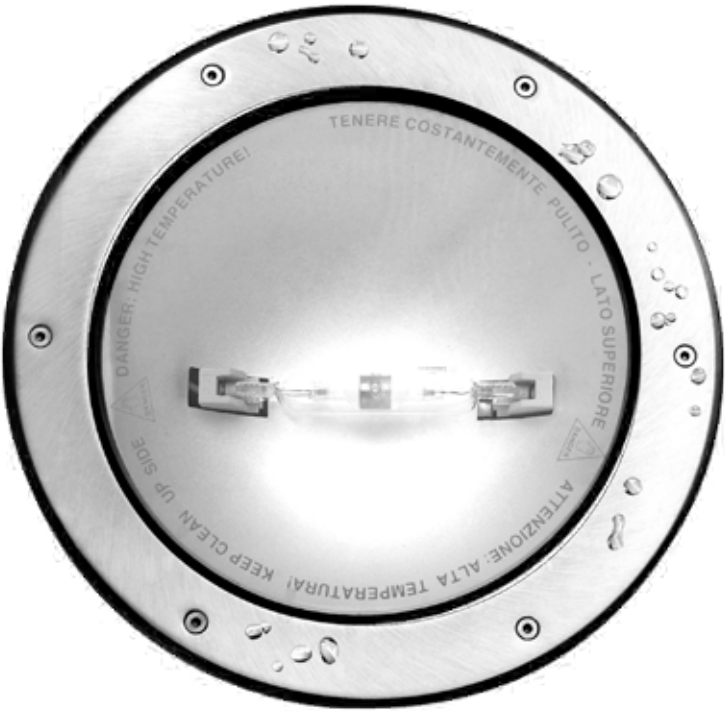
7009A
CLASS I CE
IP67
Rx7s Adjustable
Reflector 150W
Die Cast Aluminum
Stainless Steel



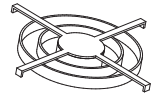
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	4500	7868	1.28
2	1125	1967	2.55
3	500	874.3	3.83
4	281.3	491.8	5.1
5	180	314.7	6.38



recessed ground
REGINA



2000kgs



Anti-glare
(not suitable for LED versions)

Reference Numbers A: (AS PER ITEM NO.)

NEW ITEM	NAME	PAGE	NEW ITEM	NAME	PAGE
1821D-A	MONTANA	P208	3172S	TITAN	P196
1822D	MONTANA	P208	3174S	TITAN	P196
1829	CATANIA	P206	3304	SEINE	P202
1831A	VICTORIA	P204	3341S	SEINE	P200
1831B	VICTORIA	P204	3342S	SEINE	P200
1831C	VICTORIA	P204	3351	ORIGO	P190
1831D	VICTORIA	P206	3351S	ORIGO	P190
1836	CITY	P60	3361	TITAN	P194
1838S	DELTA	P62	3362	TITAN	P194
1843	BOX CUBE	P56	3363	TITAN	P194
1846	BOX CUBE	P56	3371	TITAN	P192
1849	ORIGO	P54	3372	TITAN	P192
1853	CLIP	P58	3381	SEINE	P198
1860	EYES	P74	3382	SEINE	P198
1860L	EYES	P74	3383	SEINE	P198
1861	EYES	P76	3441	WIRE	P64
1862	EVANS	P86	3481L/S	UBLO	P188
1863	EVANS	P86	3491L/S	UBLO	P188
1865	RADIUS	P78	3501L/S	UBLO	P188
1866	RADIUS	P78	6040	FOCUS	P100
1867	PIXEL	P20	6041	FOCUS	P100
1868	EYES	P76	6042	FOCUS	P98
1869	PILO	P84	6048	FOCUS	P98
1871	MASK	P82	6050	FOCUS	P102
1872	MASK	P82	6051	FOCUS	P102
1874S	LEDLANTERN	P72	6101S	NEVADA	P168
1875	COCKTAIL	P70	6101S-PIR	NEVADA	P168
1876	CONE	P36	6101S-PIR SL	NEVADA	P142
1876S	CONE	P36	6102S	NEVADA	P170
1877S	CONE	P34	6102S-PIR	NEVADA	P170
1879	SPLIT	P88	6102S-PIR SL	NEVADA	P142
1880L	GHOST	P48	6141-1	CYLIN	P14
1880S	GHOST	P46	6141-2	CYLIN	P14
1881S	GHOST	P46	6142-1	CYLIN	P16
1882	SIDWY	P80	6142-2	CYLIN	P16
1890M	GEMINI	P92	6144-1	LEDSPOT	P6
1890S	GEMINI	P92	6144-2	LEDSPOT	P6
1891M	GEMINI	P90	6144S-1	MINI LEDSPOT	P2
1891S	GEMINI	P90	6144S-1-PIR	MINI LEDSPOT	P4
1895	ZERTA	P66	6144S-1-SOLAR	MINI LEDSPOT	P124
1896	TONA	P68	6144S-2	MINI LEDSPOT	P2
1896-PIR	TONA	P68	6144S-2-PIR	MINI LEDSPOT	P4
11876N3	CONE	P38	6144S-2-SOLAR	MINI LEDSPOT	P124
12603H4	UNITE	P108	6145-1	LEDSPOT	P12
2251M	SPRIL	P42	6145-2	LEDSPOT	P12
2251S	SPRIL	P40	6145-3	LEDSPOT	P12
2252M	SPRIL	P44	6146-2	LEDSPOT	P10
2252S	SPRIL	P44	6146S-1	MINI LEDSPOT	P8
2253M	SPRIL	P42	6146S-2	MINI LEDSPOT	P8
2253S	SPRIL	P40	6156-PIR	CORN	P160
2256S	GHOST	P48	6160	EGGO	P22
2257M	GHOST	P52	6161	EGGO	P24
2257S	GHOST	P50	6163	MERIDIAN	P30
2501	CANDLE	P112	6163S	MERIDIAN	P30
2521S	ANDA	P26	6164	MERIDIAN	P32
2522S	ANDA	P28	6164S	MERIDIAN	P32
2601	UNITE	P108	6170	NEGARA	P174
2602	UNITE	P108	6170-PIR	NEGARA	P174
2604	UNITE	P108	6170-SP	NEGARA	P174
2631L	LADI	P110	6170S	NEGARA	P176
2631S	LADI	P110	6170S-PIR	NEGARA	P176
21876N3	CONE	P38	6170S-SP	NEGARA	P176

NEW ITEM	NAME	PAGE	NEW ITEM	NAME	PAGE
6190	CLUB	P172			
6191-840	CLUB	P172			
6219A	SHRIMP	P162			
6219A-PIR23	SHRIMP	P162			
6221A-PIR23	SHRIMP	P164			
6223	OWL	P184			
6224	OWL	P184			
6225	COLLA	P182			
6226	ADO	P178			
6229	FRONT	P180			
6229-800	FRONT	P180			
6230	FRONT	P180			
6243	ZIPO	P186			
6260	TRUMPET	P18			
7005A	BERLIN	P210			
7005B	BERLIN	P210			
7008A	REGINA	P218			
7009A	REGINA	P220			
7013	ARCTIC	P216			
7036A	GEA	P214			
7037A	GEA	P214			
7042A	CYDOPS	P212			
8091	HAMBURG	P166			
9047	HONY	P156			
9048	HONY DECK	P158			
9049	HONY LOOP	P158			
P9003	MINI BUTTERFLY	P116			
P9011	ZETA	P132			
P9011-1010	ZETA	P132			
P9012	TILLY	P136			
P9013	DROP	P134			
P9014	GHOST SOLAR	P130			
P9015	BREAD	P128			
P9016	SUNSHINE	P138			
P9019	OPENY	P140			
P9034	ZERTA	P126			
P9035	BUMP	P118			
P9036	FLAM	P148			
P9037	STACK	P154			
P9037-450	STACK	P154			
P9040	LORD	P120			
P9041	DRAGONFLY	P114			
P9045	SOSOLAR	P122			
P9052	SPARTA	P145			
P9053	GREENBALL	P146			
P9054	GYQ25	P146			
ST3304	SEINE	P202			
ST5212	CRYSTAL	P96			
ST5214	TUBE	P94			
ST5215	TUBE	P94			
ST5216	CRYSTAL	P96			
ST6040	FOCUS	P104			
ST6041	FOCUS	P104			
ST6050	FOCUS	P106			
ST6051	FOCUS	P106			
ST9038	MINIS	P152			
ST9038-580	MINIS	P152			
ST9039	KIWA	P150			
ST9039-525	KIWA	P150			

Reference Numbers A: (AS PER SERIES NAME)

NAME	NEW ITEM	PAGE	NAME	NEW ITEM	PAGE
ADO	6226	P178	GHOST	1880L	P48
ANDA	2521S	P26	GHOST	1880S	P46
ANDA	2522S	P28	GHOST	1881S	P46
ARCTIC	7013	P216	GHOST	2256S	P48
BERLIN	7005A	P210	GHOST	2257S	P50
BERLIN	7005B	P210	GHOST	2257M	P52
BOX CUBE	1843	P56	GHOST SOLAR	P9014	P130
BOX CUBE	1846	P56	GREENBALL	P9053	P146
BREAD	P9015	P128	GYQ25	P9054	P146
BUMP	P9035	P118	HAMBURG	8091	P166
CANDLE	2501	P112	HONY	9047	P156
CATANIA	1829	P206	HONY DECK	9048	P158
CITY	1836	P60	HONY LOOP	9049	P158
CLIP	1853	P58	KIWA	ST9039	P150
CLUB	6190	P172	KIWA	ST9039-525	P150
CLUB	6191-840	P172	LADI	2631L	P110
COCKTAIL	1875	P70	LADI	2631S	P110
COLLA	6225	P182	LEDLANTERN	1874S	P72
CONE	1876	P36	LEDSPOT	6144-1	P6
CONE	1876S	P36	LEDSPOT	6144-2	P6
CONE	1877S	P34	LEDSPOT	6145-1	P12
CONE	11876N3	P38	LEDSPOT	6145-2	P12
CONE	21876N3	P38	LEDSPOT	6145-3	P12
CORN	6156-PIR	P160	LEDSPOT	6146-2	P10
CRYSTAL	ST5212	P96	LORD	P9040	P120
CRYSTAL	ST5216	P96	MASK	1871	P82
CYDOPS	7042A	P212	MASK	1872	P82
CYLIN	6141-1	P14	MERIDIAN	6163	P30
CYLIN	6141-2	P14	MERIDIAN	6163S	P30
CYLIN	6142-1	P16	MERIDIAN	6164	P32
CYLIN	6142-2	P16	MERIDIAN	6164S	P32
DELTA	1838S	P62	MINI BUTTERFLY	P9003	P116
DRAGONFLY	P9041	P114	MINI LEDSPOT	6144S-1	P2
DROP	P9013	P134	MINI LEDSPOT	6144S-1-PIR	P4
EGGO	6160	P22	MINI LEDSPOT	6144S-1-SOLAR	P124
EGGO	6161	P24	MINI LEDSPOT	6144S-2	P2
EVANS	1862	P86	MINI LEDSPOT	6144S-2-PIR	P4
EVANS	1863	P86	MINI LEDSPOT	6144S-2-SOLAR	P124
EYES	1860	P74	MINI LEDSPOT	6146S-1	P8
EYES	1860L	P74	MINI LEDSPOT	6146S-2	P8
EYES	1861	P76	MINIS	ST9038	P152
EYES	1868	P76	MINIS	ST9038-580	P152
FLAM	P9036	P148	MONTANA	1821D-A	P208
FOCUS	6040	P100	MONTANA	1822D	P208
FOCUS	6041	P100	NEGARA	6170	P174
FOCUS	6042	P98	NEGARA	6170-PIR	P174
FOCUS	6048	P98	NEGARA	6170-SP	P174
FOCUS	6050	P102	NEGARA	6170S	P176
FOCUS	6051	P102	NEGARA	6170S-PIR	P176
FOCUS	ST6040	P104	NEGARA	6170S-SP	P176
FOCUS	ST6041	P104	NEVADA	6101S	P168
FOCUS	ST6050	P106	NEVADA	6101S-PIR	P168
FOCUS	ST6051	P106	NEVADA	6101S-PIR SL	P142
FRONT	6229	P180	NEVADA	6102S	P170
FRONT	6229-800	P180	NEVADA	6102S-PIR	P170
FRONT	6230	P180	NEVADA	6102S-PIR SL	P142
GEA	7036A	P214	OPENY	P9019	P140
GEA	7037A	P214	ORIGO	1849	P54
GEMINI	1890M	P92	ORIGO	3351	P190
GEMINI	1890S	P92	ORIGO	3351S	P190
GEMINI	1891M	P90	OWL	6223	P184
GEMINI	1891S	P90	OWL	6224	P184

NAME	NEW ITEM	PAGE	NAME	NEW ITEM	PAGE
PILO	1869	P84			
PIXEL	1867	P20			
RADIUS	1865	P78			
RADIUS	1866	P78			
REGINA	7008A	P218			
REGINA	7009A	P220			
SEINE	3304	P202			
SEINE	3341S	P200			
SEINE	3342S	P200			
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