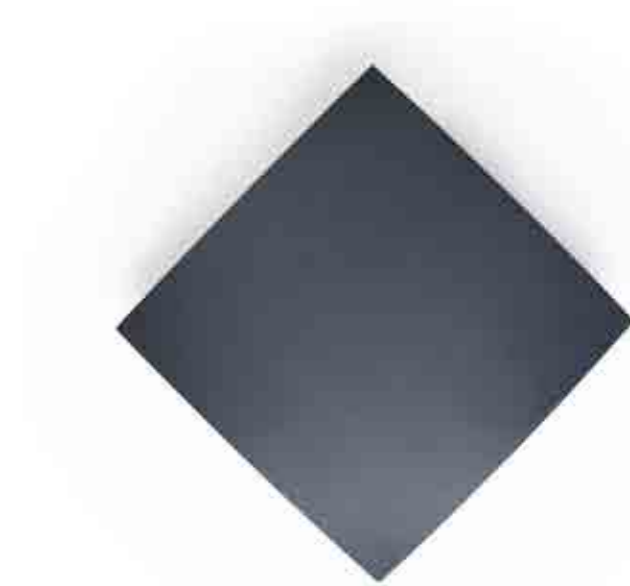




1871				1872			
CLASS I CE				CLASS I CE			
IP54				IP54			
3LED 9W				4LED 12W			
Die Cast Aluminum				Die Cast Aluminum			
A+				A+			
h(m)	Eavg(lx)	Emax(lx)	D(m)	h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1991	2823	0.23	1	2867	4032	0.23
2	497.6	705.9	0.45	2	716.8	1008	0.47
3	221.3	313.7	0.69	3	318.6	448.0	0.70
4	124.5	176.5	0.92	4	179.2	252.0	0.94
5	79.66	112.9	1.15	5	114.7	161.3	1.17
Lumen 440		Watt 9		Lumen 540		Watt 12	

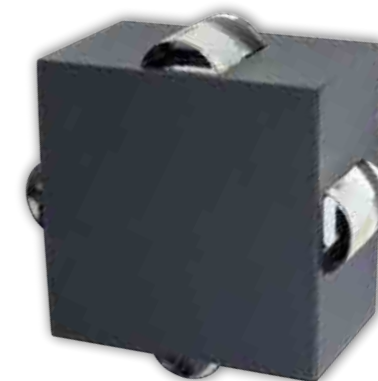
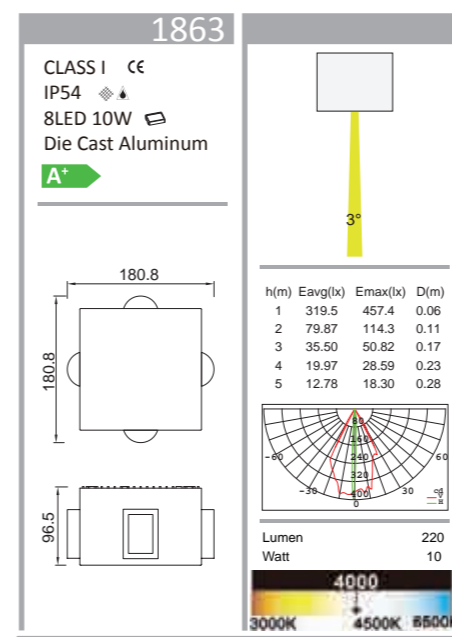
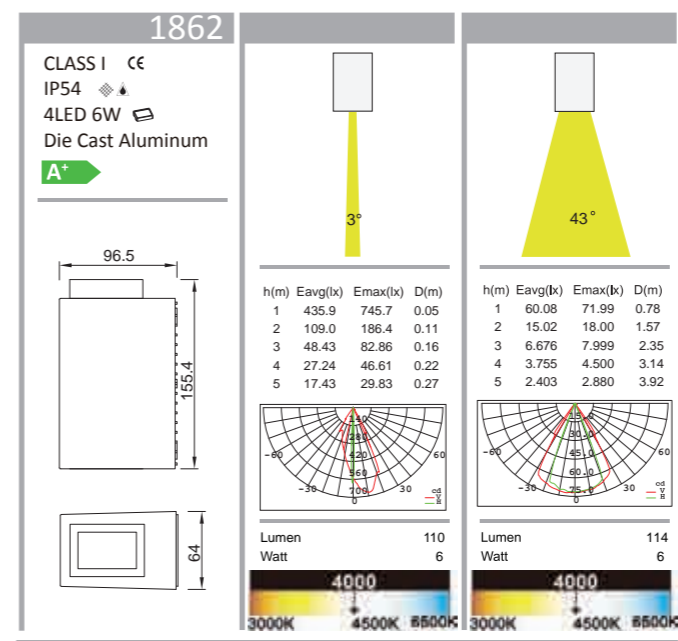


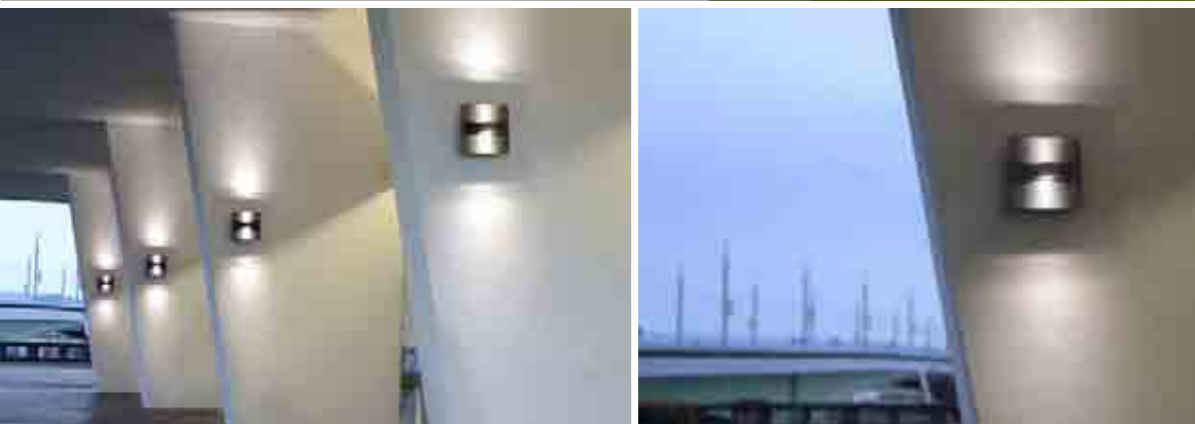
1869

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

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

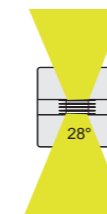
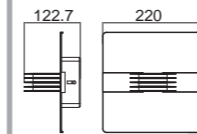
Lumen 760
Watt 11



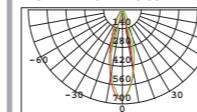


1879

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



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





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



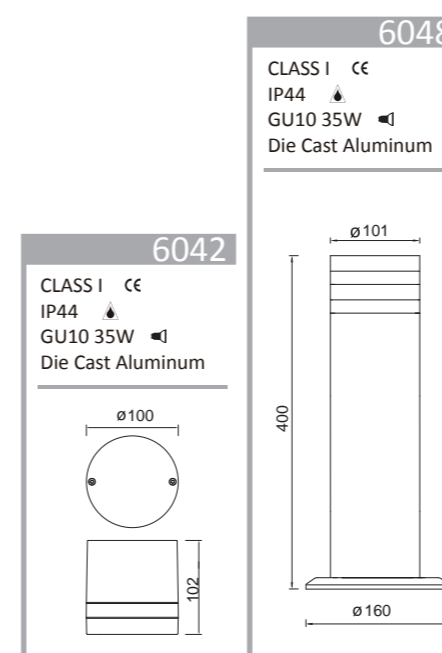
1890M				1890S			
CLASS I CE IP54 12LED 24W Stainless Steel A*				CLASS I CE IP54 6LED 9W Stainless Steel A*			
h(m)	Eavg(lx)	Emax(lx)	D(m)	h(m)	Eavg(lx)	Emax(lx)	D(m)
1	1049	1577	0.52	1	320.3	518.7	0.58
2	262.3	394.3	1.05	2	80.07	129.7	1.16
3	116.6	175.2	1.57	3	35.59	57.64	1.73
4	65.58	98.57	2.09	4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

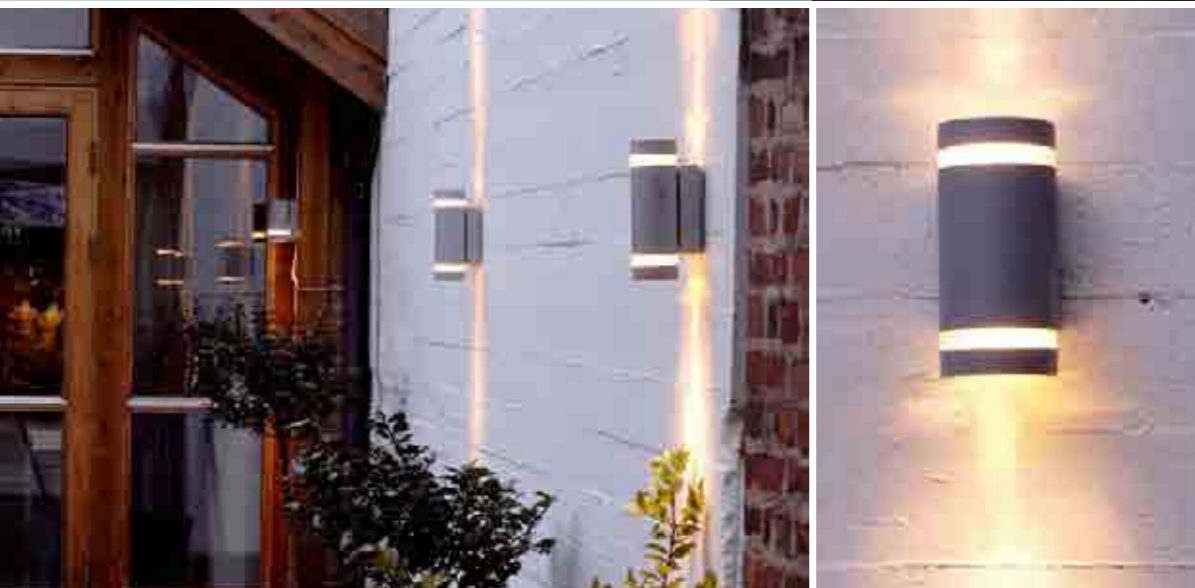


ST5214		ST5215	
CLASS I CE		CLASS I CE	
IP44		IP44	
3LED 3.7W		3LED 3.7W	
Stainless Steel		Stainless Steel	
A*		A*	
Lumen	120	Lumen	120
Watt	3.7	Watt	3.7



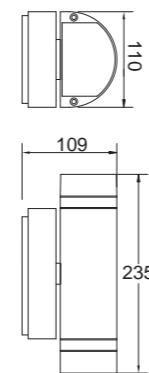
ST5212		ST5216	
CLASS I CE	CLASS I CE	CLASS I CE	CLASS I CE
IP44	IP44	IP44	IP44
8LED 10W	8LED 10W	8LED 10W	8LED 10W
Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
A+	A+	A+	A+
Lumen	660	Lumen	660
Watt	10	Watt	10





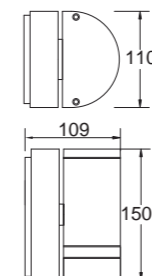
6040

CLASS I CE
 IP44
 GU10 2*35W
 Die Cast Aluminum



6041

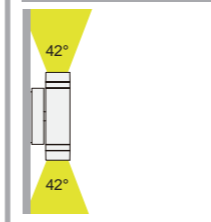
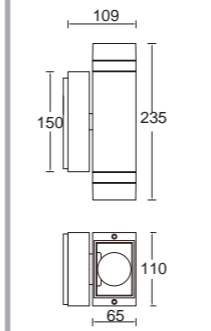
CLASS I CE
 IP44
 GU10 35W
 Die Cast Aluminum



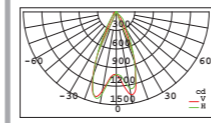


6050

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

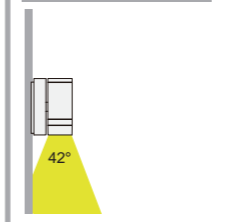
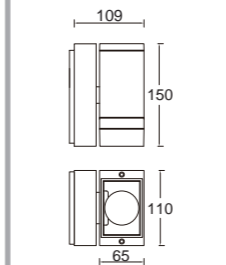


Lumen 300
Watt 7.6

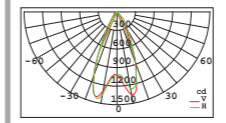


6051

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



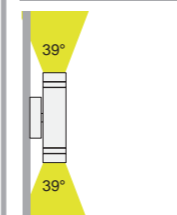
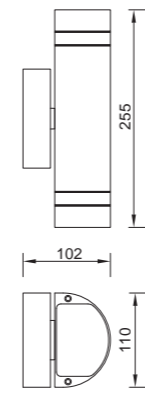
Lumen 150
Watt 3.8



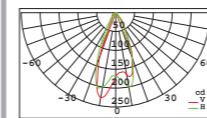


ST6040

CLASS II CE
IP44
6LED 7.6W
Stainless Steel
A+



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

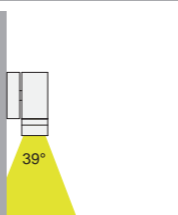
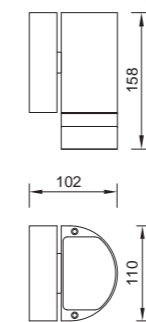


Lumen 280
Watt 7.6

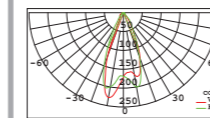


ST6041

CLASS II CE
IP44
3LED 3.8W
Stainless Steel
A+

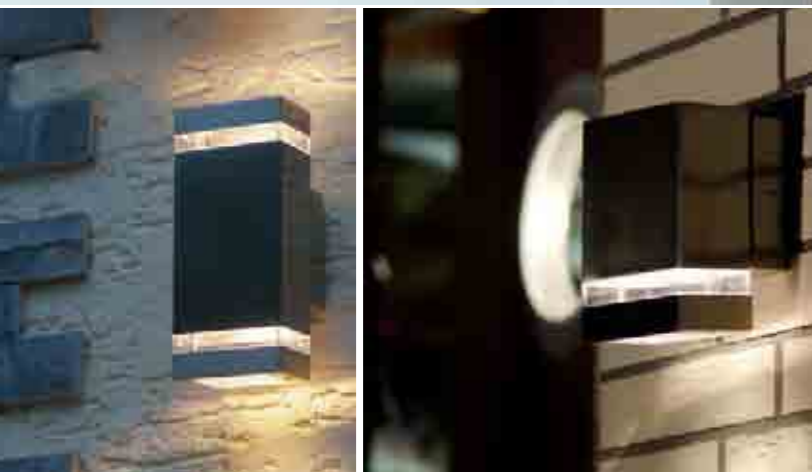


h(m)	Eavg(lx)	Emax(lx)	D(m)
1	159.2	219.4	0.70
2	39.80	54.84	1.40
3	17.69	24.37	2.10
4	9.950	13.71	2.80
5	6.368	8.775	3.50



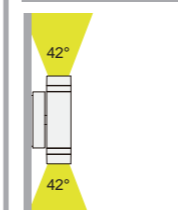
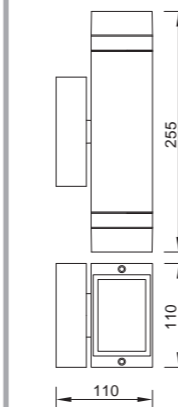
Lumen 140
Watt 3.8



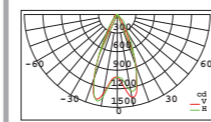


ST6050

CLASS II
IP44
6LED 7.6W
Stainless Steel
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

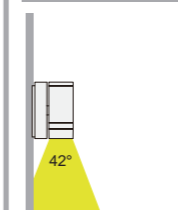
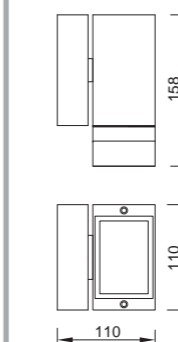


Lumen 300
Watt 7.6

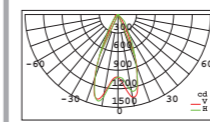


ST6051

CLASS II
IP44
3LED 3.8W
Stainless Steel
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





UNITE

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

2601

197.5 165
261

2602

197.5 165
225

2604

197.5 165
346

12603H4

165
218
985

2601

66°

2604

66°

12603H4

66°

2602

150°

h(m)	Eavg(x)	Emax(x)	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

h(m)	Eavg(x)	Emax(x)	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 260
Watt 6.5

Lumen 270
Watt 6.5

3000K 4500K 5500K

3000K 4500K 5500K



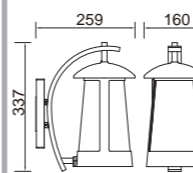


2631L		2631S	
CLASS I CE		CLASS I CE	
IP44		IP44	
1LED 14W		6LED 8.5W	
Die Cast Aluminum		Die Cast Aluminum	
A+		A+	
Lumen	800	Lumen	310
Watt	14	Watt	8.5

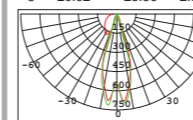


2501

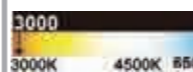
CLASS I CE
 IP44
 1LED 11W
 E27 23W
 Die Cast Aluminum
A+



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 Energy

SOLAR PANELS



P9041 DRAGONFLY / P114



P9003 MINI BUTTERFLY / P116



P9035 BUMP / P118



P9040 LORD / P120



P9045 SOSOLAR / P122



61445-1-SOLAR MINI LEDSPOT / P124



61445-2-SOLAR MINI LEDSPOT / P124



P9034 ZERTA / P126

SENSOR



P9015 BREAD / P128



P9014 GHOST SOLAR / P130



P9011 ZETA / P132



P9011-1010 ZETA / P132



P9013 DROP / P134



P9012 TILLY / P136



P9016 SUNSHINE / P138



P9019 OPENY / P140



61015-PIR SL / P142 NEVADA



61025-PIR SL / P142 NEVADA

SUN'CONNEC



P9052 SPARTA / P145



P9053 GREENBALL / P146



P9054 GYQ25 / P146



P9036 FLAM / P148



ST9039 KIWA / P150



ST9039-525 KIWA / P150



ST9038 MINIS / P152



ST9038-580 MINIS / P152



P9037 STACK / P154



P9037-450 STACK / P154



9047 HONY / P156



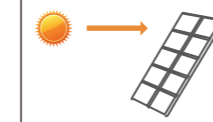
9049 HONY LOOP / P158



9048 HONY DECK / P158

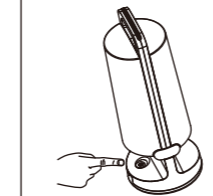


Solar panel



2*0.8W polycrystal

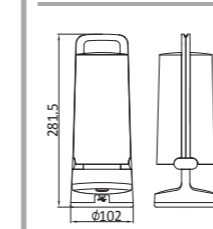
Touchdimmer



1		4h
2		10h
3		40h
4	OFF	

P9041

CLASS III
 IP54
 12LED 1.3W
 1*2200mAh 3.7V
 Li-ion battery
A+



Lumen 120
 Watt 1.3



charge via the USB

touch sensitive swith



MINI BUTTERFLY

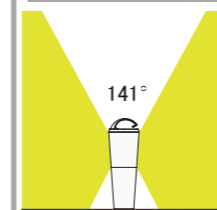
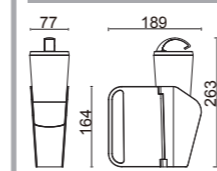
Solar panel

2*1.2W polycrystal

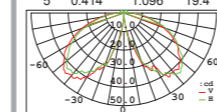
Touchdimmer

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





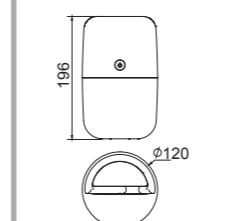
Solar panel

1.4W Monocrystalline

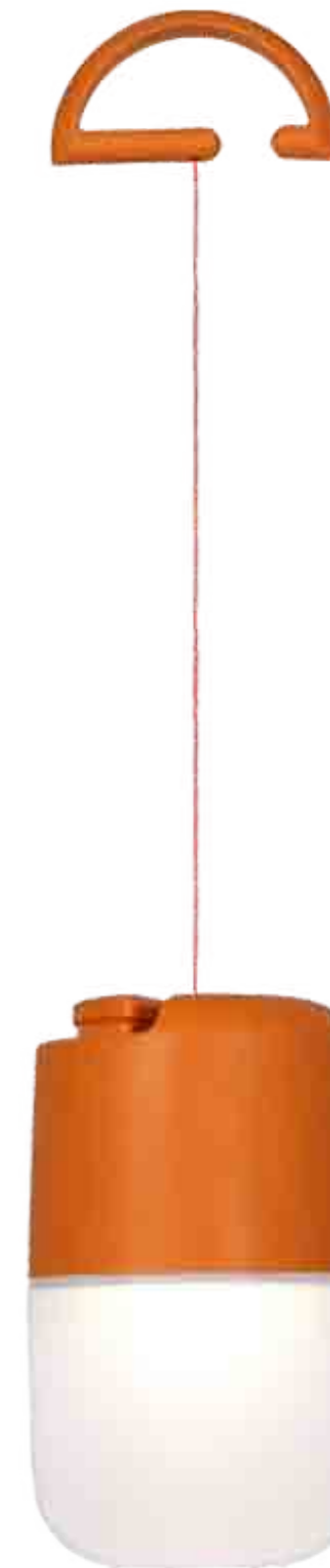
Touchdimmer

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

P9035
 CLASS III
 IP44
 3LED 1W
 1*2200mAh 3.7V
 Li-ion battery

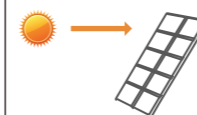


Lumen 100
 Watt 1





Solar panel

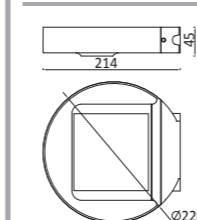


1.4W monocrystalline

TIME 5h

P9040

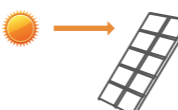
CLASS III \diamond CE
 IP44 \star
 3LED 1W \square
 1*2200mAh 3.7V
 Li-ion battery \square
A+

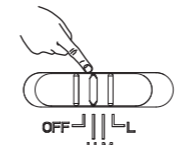


Lumen 125
 Watt 1



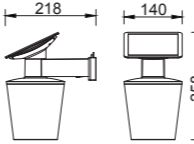


Solar panel

 1.4W monocrystalline


Dimmer

 OFF H M L

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

P9045
 CLASS III ⚡ CE
 IP44 ⚡
 3LED 1W
 1*2200mAh 3.7V
 Li-ion battery
 A+



Lumen	80
Watt	1

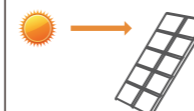





<p>Solar panel</p> <p>1.4W monocrystalline</p>	<p>Solar panel</p> <p>3.6W monocrystalline</p>
<p>Dimmer</p> <p>OFF</p> <p>H 100lm 6h</p> <p>M 50lm 10h</p> <p>L 30lm 21h</p>	<p>Dimmer</p> <p>OFF</p> <p>H 200lm 6h</p> <p>M 100lm 10h</p> <p>L 60lm 21h</p>
<p>6144S-1-SOLAR</p> <p>CLASS III ⚡ ⚡</p> <p>IP44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









Solar panel

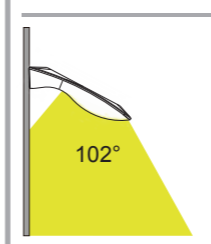
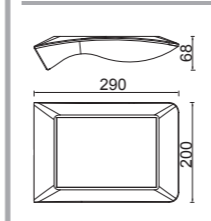


3.6W monocrystalline

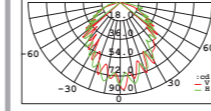
TIME  5h

P9034

CLASS III  
 IP44 
 6LED 3W 
 1*2200mAh 7.4V
 Li-ion battery 
A+ 



h(m)	Eavg(x)	Emax(x)	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 \diamond CE
 IP44 \star
 6LED 1.2W \square
 1*2200mAh 3.7V
 Li-ion battery \square

A+

220 114 123.5

101°

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

SENSOR

120°
0-6 meter

Lumen 100
Watt 1.2

3000K 4000K 4500K 6500K





solar
GHOST SOLAR

Solar panel

1.5W polycrystal

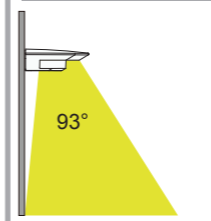
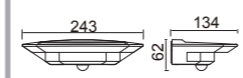
OFF | ON
AUTO

OFF

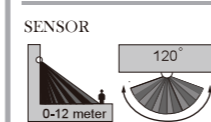
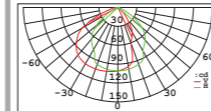
AUTO 160 times

ON 2h

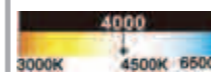
P9014
 CLASS III
 IP44
 6LED 2.4W
 1*2200mAh 3.7V
 Li-ion battery
A+



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				P9011-1010			
CLASS III \diamond CE				CLASS III \diamond CE			
IP44 \star				IP44 \star			
6LED 2.4W \square				6LED 2.4W \square			
3*1800mAh 1.2V				3*1800mAh 1.2V			
Ni-MH AA battery \square				Ni-MH AA battery \square			
A+				A+			
h(m)	Eavg(lx)	Emax(lx)	D(m)	h(m)	Eavg(lx)	Emax(lx)	D(m)
1	29.67	59.85	1.99	1	29.67	59.85	1.99
2	7.417	14.96	3.98	2	7.417	14.96	3.98
3	3.297	6.65	5.96	3	3.297	6.65	5.96
4	1.854	3.741	7.95	4	1.854	3.741	7.95
5	1.187	2.394	9.94	5	1.187	2.394	9.94
SENSOR 120° 0-12 meter				SENSOR 120° 0-12 meter			
Lumen 200		Watt 2.4		Lumen 200		Watt 2.4	





Solar panel

2.5W polycrystal

OFF ON
AUTO

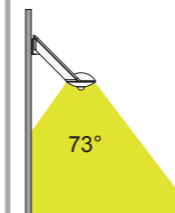
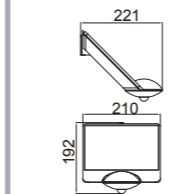
OFF

AUTO 80 times

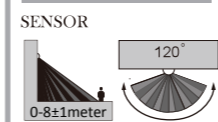
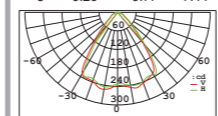
ON 2h

P9013

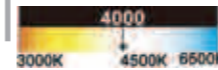
CLASS III \diamond CE
IP44 \star
12LED 2.3W \square
1*2200mAh 3.7V
Li-ion battery \square
A+



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



Lumen 240
Watt 2.3





Solar panel

3.5W polycrystal

OFF AUTO ON

OFF

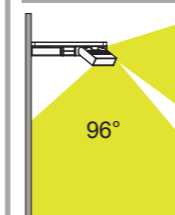
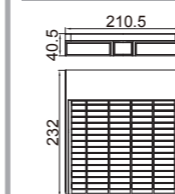
AUTO 120 times

ON 2h

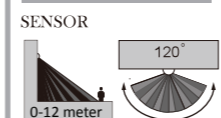
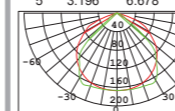
P9012

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

A+



h(m)	Eavg(x)	Emax(x)	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



Lumen 420
Watt 4





Solar panel

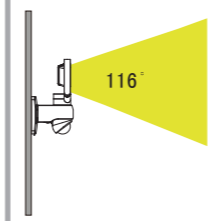
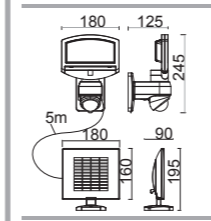
1.5W polycrystal
(5 meter cable)

OFF

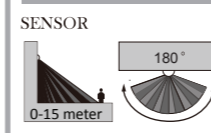
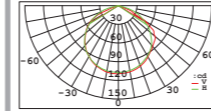
ON 240 times

P9016

CLASS III \diamond CE
IP44 \star
8LED 3.2W \square
1*2200mAh 3.7V
Li-ion battery \square
A+



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



Lumen 360
Watt 3.2





Solar panel

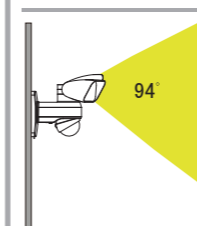
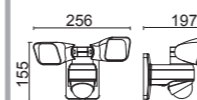
2.5W polycrystal
(5 meter cable)

OFF

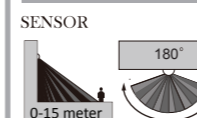
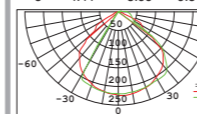
ON 120 times

P9019

CLASS III \diamond CE
IP44 \star
4LED 4W \square
1*2200mAh 7.4V
Li-ion battery \square
A+




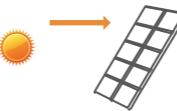


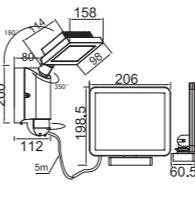
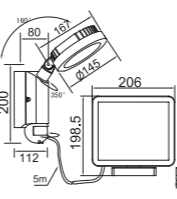
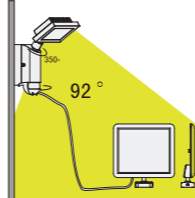
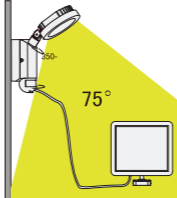
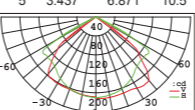
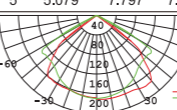


h(m)	Eavg(x)	Emax(x)	D(m)
1	110.2	224.0	1.87
2	27.56	55.99	3.74
3	12.25	24.89	5.60
4	6.89	14.00	7.47
5	4.41	8.96	9.34



Lumen 500
Watt 4





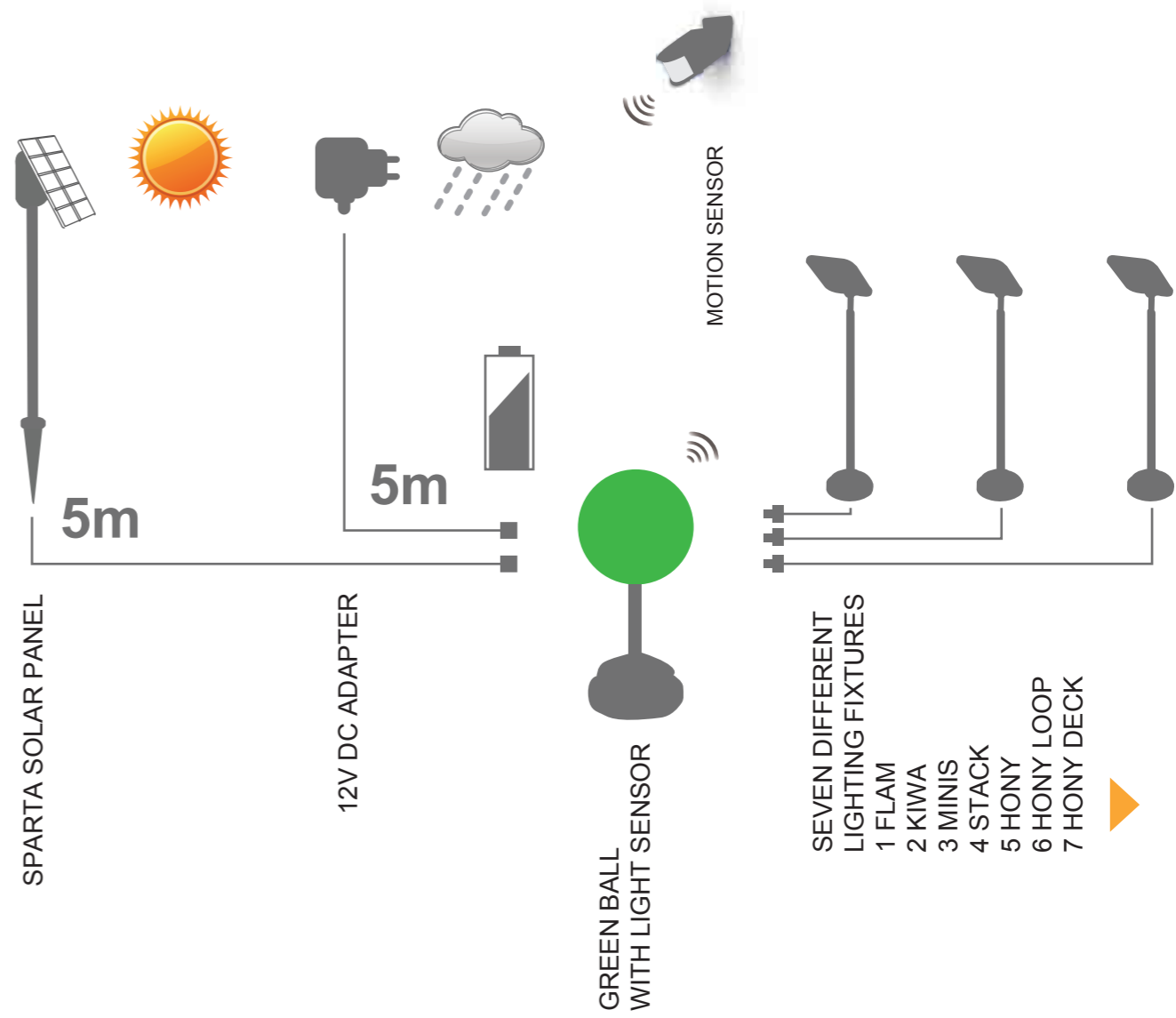
<p>Solar panel</p>  <p>3.5W polycrystal (5 meter cable)</p>	<p>Solar panel</p>  <p>3.5W polycrystal (5 meter cable)</p>																																																
																																																	
<p>OFF</p>	<p>OFF</p>																																																
<p>AUTO 120 times</p>	<p>AUTO 120 times</p>																																																
<p>ON 2h</p>	<p>ON 2h</p>																																																
<p>6101S-PIR SL</p> <p>CLASS III ⚡ CE IP44 ⚡ 4LED 5W ⚡ 1*2200mAh 7.4V Li-ion battery ⚡ Die Cast Aluminum A+</p>	<p>6102S-PIR SL</p> <p>CLASS III ⚡ CE IP44 ⚡ 4LED 5W ⚡ 1*2200mAh 7.4V Li-ion battery ⚡ Die Cast Aluminum A+</p>																																																
																																																	
																																																	
<table border="1"> <thead> <tr> <th>h(m)</th> <th>Eavg(lx)</th> <th>Emax(lx)</th> <th>D(m)</th> </tr> </thead> <tbody> <tr><td>1</td><td>85.94</td><td>171.8</td><td>2.1</td></tr> <tr><td>2</td><td>21.48</td><td>42.95</td><td>4.2</td></tr> <tr><td>3</td><td>9.548</td><td>19.09</td><td>6.3</td></tr> <tr><td>4</td><td>5.371</td><td>10.74</td><td>8.4</td></tr> <tr><td>5</td><td>3.437</td><td>6.871</td><td>10.5</td></tr> </tbody> </table>	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	<table border="1"> <thead> <tr> <th>h(m)</th> <th>Eavg(lx)</th> <th>Emax(lx)</th> <th>D(m)</th> </tr> </thead> <tbody> <tr><td>1</td><td>127</td><td>194.9</td><td>1.55</td></tr> <tr><td>2</td><td>31.75</td><td>48.73</td><td>3.09</td></tr> <tr><td>3</td><td>14.11</td><td>21.66</td><td>4.64</td></tr> <tr><td>4</td><td>7.937</td><td>12.18</td><td>6.19</td></tr> <tr><td>5</td><td>5.079</td><td>7.797</td><td>7.73</td></tr> </tbody> </table>	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
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<p>Lumen 450 Watt 5</p>	<p>Lumen 450 Watt 5</p>																																																
																																																	





SUN'CONNEC

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

solar
GREEN BALL

146



P9053	P9054
CLASS III IP44 2*12V DC input 3*12V DC output A+	CLASS III IP44 4x1.5V AAA Battery A+
<p>SENSOR </p> <p>DISTANCE TIME </p> <p>5/8/12M TEST 1/3/10min </p>	



P9036

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

A+

Lumen	100
Watt	1



ST9039
 CLASS III ⚡ CE
 IP44 ⚡
 6LED 1W
 Input: 12V DC
 Stainless Steel
A+

ST9039-525
 CLASS III ⚡ CE
 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

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

Lumen 100
Watt 1

3000K 4000K 4500K 6500K

3000K 4000K 4500K 6500K



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+

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

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

Lumen 120
Watt 1

4000
3000K 4500K 6500K

4000
3000K 4500K 6500K





9047

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

Technical drawing showing two views of the light. The left view shows a diameter of 60mm and a height of 485mm. The right view shows a diameter of 122mm.

Lumen	100
Watt	1

Color temperature scale: 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

SECURITY & WORK Light

WALL



6156-PIR CORN / P160



6219A SHRIMP / P162



6219A-PIR23 SHRIMP / P162



6221A-PIR23 SHRIMP / P164



61015-PIR NEVADA / P168



6101S NEVADA / P168



61025-PIR NEVADA / P170



6102S NEVADA / P170



6190 CLUB / P172

BOLLARD



6191 CLUB / P172

FLOOD



8091 HAMBURG / P166



6170 NEGARA / P174



6170-PIR NEGARA / P174



6170-SP NEGARA / P174



6170S NEGARA / P176



6170S-PIR NEGARA / P176



6170S-SP NEGARA / P176

WORKLIGHT



6226 ADO / P178



6229 FRONT / P180



6229-800 FRONT / P180



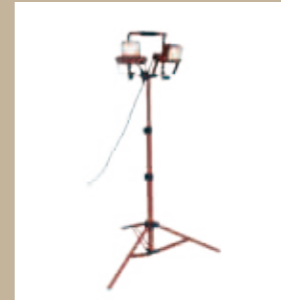
6230 FRONT / P180



6225 COLLA / P182



6223 OWL / P184



6224 OWL / P184



6243 ZIPO / P186



6156-PIR

CLASS I CE
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

Color temperature: 3000K, 4000K, 4500K, 6500K



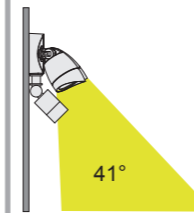
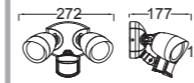
US market only (6219)



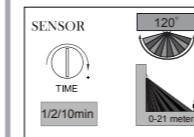
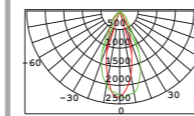
6219A-PIR23

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



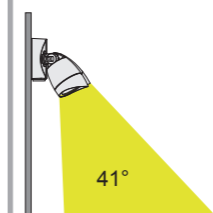
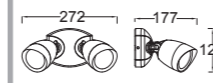
Lumen 1380
Watt 22



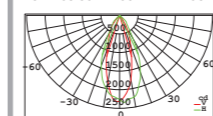
6219A

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



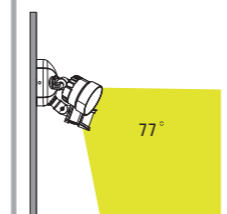


6221-PIR23
US market only

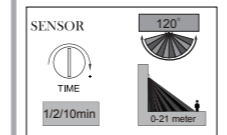
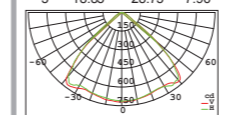
6221A-PIR23

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

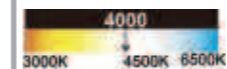
A+



h(m)	Eavg(x)	Emax(x)	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



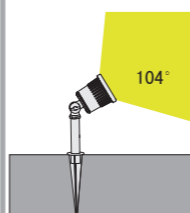
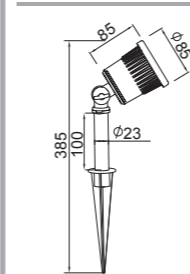
Lumen 1620
Watt 24



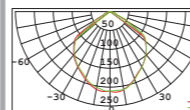


8091

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



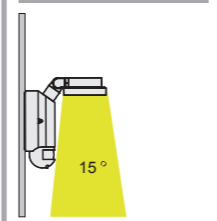
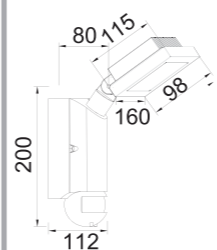
Lumen 470
 Watt 5.5



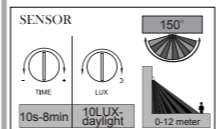
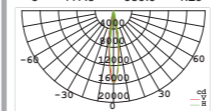


6101S-PIR

CLASS I CE
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

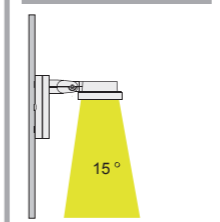
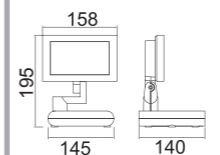


Lumen	1550
Watt	24

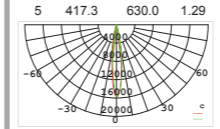


6101S

CLASS I CE
IP54
8LED 24W
Die Cast Aluminum
A+



h(m)	Eavg(lx)	Emax(lx)	D(m)
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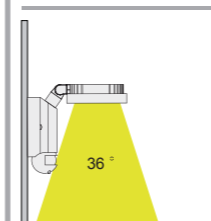
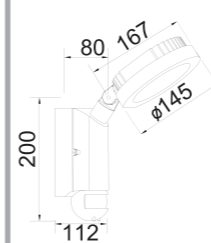
Lumen	1550
Watt	24



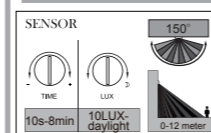
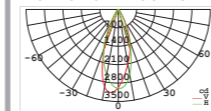


6102S-PIR

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

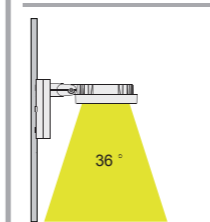
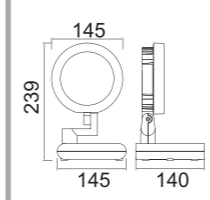


Lumen 1520
 Watt 22

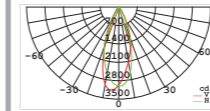


6102S

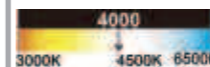
CLASS I CE
 IP54
 8LED 22W
 Die Cast Aluminum
 A+



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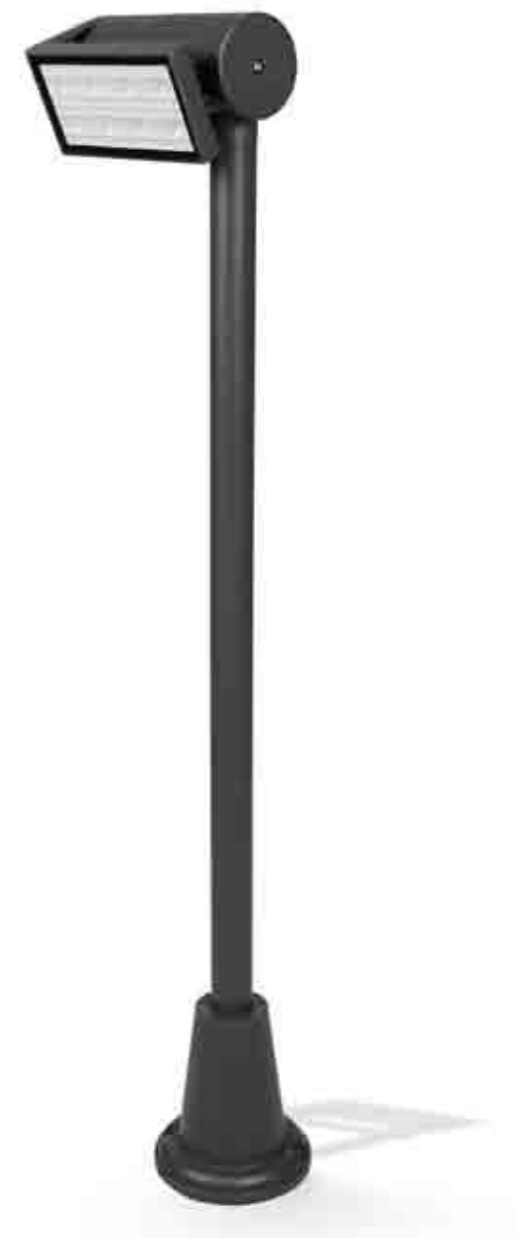


Lumen 1520
 Watt 22





6191-840				6190			
CLASS I CE				CLASS I CE			
IP54				IP54			
8LED 11W				8LED 11W			
Die Cast Aluminum				Die Cast Aluminum			
A+				A+			
h(m)	Eavg(x)	E _{max} (lx)	D(m)	h(m)	Eavg(x)	E _{max} (lx)	D(m)
1	193.8	422.5	2.22	1	193.8	422.5	2.22
2	48.46	105.6	4.43	2	48.46	105.6	4.43
3	21.54	46.95	6.65	3	21.54	46.95	6.65
4	12.11	26.41	8.87	4	12.11	26.41	8.87
5	7.753	16.90	11.1	5	7.753	16.90	11.1
Lumen		1050		Lumen		1050	
Watt		11		Watt		11	





wall & spike
NEGARA



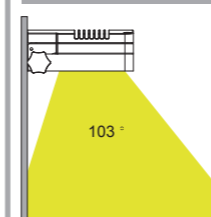
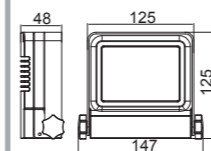
6170-PIR	6170	6170-SP																																																																								
CLASS II CE IP54 8LED 24W Die Cast Aluminum A*	CLASS II CE IP54 8LED 24W Die Cast Aluminum A*	CLASS II CE IP54 8LED 24W Die Cast Aluminum A*																																																																								
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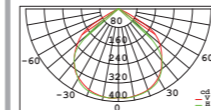
6170S-PIR	6170S-SP	6170S																																																																								
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<p>SENSOR</p> <p>TIME: 10s-8min</p> <p>LUX: 10LUX-daylight</p> <p>0-12meter</p>																																																																										
Lumen: 860 Watt: 10 Color Temp: 3000K, 4000, 4500K, 6500K	Lumen: 860 Watt: 10 Color Temp: 3000K, 4000, 4500K, 6500K	Lumen: 860 Watt: 10 Color Temp: 3000K, 4000, 4500K, 6500K																																																																								



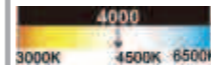
6226
CLASS I CE
IP54
1 COB LED 11W
Die Cast Aluminum
A+



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



Lumen 900
Watt 11





6229	6230	6229-800																																																																								
CLASS I CE IP54 ♦♦ 1 COB LED 11W Die Cast Aluminum A*	CLASS I CE IP65 ♦♦♦ 1 COB LED 11W Die Cast Aluminum A*	CLASS I CE 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

Lumen 1580
 Watt 22
 3000K 4000K 4500K 6500K



6223

CLASS I CE
IP54 $\blacklozenge\blacklozenge$
2 COB LED 30W W
Die Cast Aluminum
A+

375 215.5

1920 1700

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	438.5	953.5	2.17
2	109.6	238.4	4.33
3	48.72	105.9	6.49
4	27.41	59.59	8.66
5	17.54	38.14	10.8

Lumen 2280
Watt 30

3000K 4000K 4500K 6500K

6224

CLASS I CE
IP54 $\blacklozenge\blacklozenge$
2 COB LED 30W W
Die Cast Aluminum
A+

215.5 375

95° 95°

h(m)	Eavg(lx)	Emax(lx)	D(m)
1	438.5	953.5	2.17
2	109.6	238.4	4.33
3	48.72	105.9	6.49
4	27.41	59.59	8.66
5	17.54	38.14	10.8

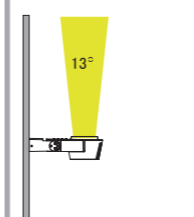
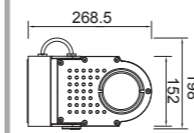
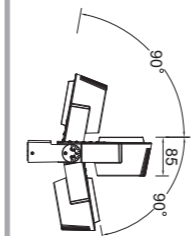
Lumen 2280
Watt 30

3000K 4000K 4500K 6500K

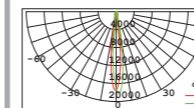


6243 N

CLASS I CE
IP65 $\blacklozenge\blacklozenge\blacklozenge$
1 COB LED 34W \square
Die Cast Aluminum
A+



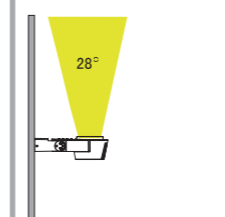
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	12222	18093	0.23
2	3055	4523	0.46
3	1358	2010	0.7
4	763.9	1131	0.93
5	488.9	723.7	1.16



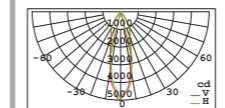
Lumen 2030
Watt 34



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



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

NEW

NEW

NEW

NEW

NEW

NEW

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

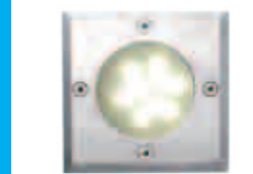


1822D MONTANA / P208

RECESSED GROUND



7005A BERLIN / P210



7005B BERLIN / P210



7042A CYDOPS / P212

NEW



7036A GEA / P214



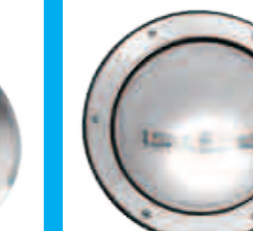
7037A GEA / P214



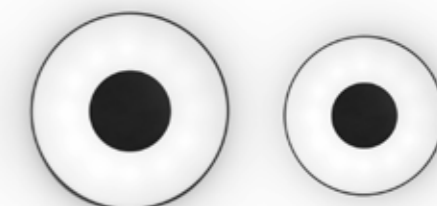
7013 ARCTIC / P216



7008A REGINA / P218



7009A REGINA / P220

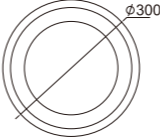
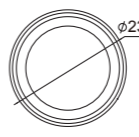
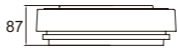
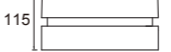


<p>3481L</p>	<p>3481S</p>
<p>3491L</p>	<p>3491S</p>
<p>3501L</p>	<p>3501S</p>
<p>CLASS I CE IP54 24LED 11W Die Cast Aluminum A+</p> <p>Lumen 570 Watt 11</p>	<p>CLASS I CE IP54 12LED 6.3W Die Cast Aluminum A+</p> <p>Lumen 280 Watt 6.3</p>



wall & ceiling
ORIGO



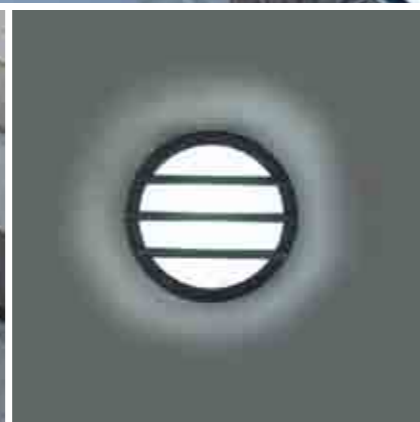
3351	3351S
CLASS I CE	CLASS I CE
IP54 LED	IP54 LED
E27 60W E	E27 60W E
2*E27 PL23W E	Die Cast Aluminum
Die Cast Aluminum	
	
	



3371					3372				
CLASS I CE					CLASS I CE				
IP54					IP54				
E27 2*20W CFL					E27 2*20W CFL				
Die Cast Aluminum					Die Cast Aluminum				
h(m)	Eavg(lx)	Emax(lx)	D(m)		h(m)	Eavg(lx)	Emax(lx)	D(m)	
1	34.53	88.75	2.29		1	33.09	112.7	2.86	
2	8.632	22.19	4.58		2	8.272	28.17	5.72	
3	3.836	9.862	6.87		3	3.676	12.52	8.57	
4	2.158	5.547	9.17		4	2.068	7.043	11.4	
5	1.381	3.55	11.5		5	1.323	4.507	14.3	



3361	3362	3363																																																																								
CLASS I CE IP54 E27 20W CFL Die Cast Aluminum	CLASS I CE IP54 E27 20W CFL Die Cast Aluminum	CLASS I CE IP54 E27 20W CFL Die Cast Aluminum																																																																								
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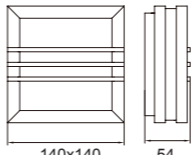
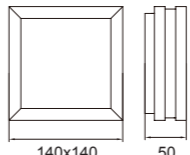




3172S				3174S			
CLASS I CE				CLASS I CE			
IP54				IP54			
9LED 4W				9LED 3W			
Die Cast Aluminum				Die Cast Aluminum			
A+				A+			
h(m)	Eavg(lx)	Emax(lx)	D(m)	h(m)	Eavg(lx)	Emax(lx)	D(m)
1	13.27	40.94	2.68	1	13.27	40.94	2.68
2	3.318	10.24	5.36	2	3.318	10.24	5.36
3	1.475	4.549	8.04	3	1.475	4.549	8.04
4	0.830	2.559	10.7	4	0.830	2.559	10.7
5	0.531	1.638	13.4	5	0.531	1.638	13.4
Lumen 180				Lumen 130			
Watt 4				Watt 3			









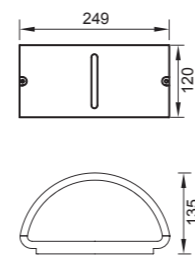
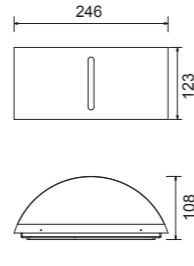


3381				3382				3383			
CLASS I CE IP54 E27 2*20W PL Die Cast Aluminum				CLASS I CE IP54 E27 2*20W PL Die Cast Aluminum				CLASS I CE IP54 E27 2*20W PL Die Cast Aluminum			
h(m)	Eavg(lx)	Emax(lx)	D(m)	h(m)	Eavg(lx)	Emax(lx)	D(m)	h(m)	Eavg(lx)	Emax(lx)	D(m)
1	42.46	130.5	2.73	1	44.58	156	3.02	1	39.75	130.5	29.5
2	10.62	32.63	5.46	2	11.14	39.01	6.04	2	9.939	32.62	5.9
3	4.718	14.5	8.2	3	4.953	17.34	9.06	3	4.417	14.5	8.85
4	2.654	8.158	10.9	4	2.786	9.752	12.1	4	2.485	8.155	11.8
5	1.698	5.221	13.7	5	1.783	1	15.1	5	1.59	5.219	14.8



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



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+																																																																								
<table border="1"> <thead> <tr> <th>h(m)</th> <th>Eavg(lx)</th> <th>Emax(lx)</th> <th>D(m)</th> </tr> </thead> <tbody> <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> </tbody> </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 border="1"> <thead> <tr> <th>h(m)</th> <th>Eavg(lx)</th> <th>Emax(lx)</th> <th>D(m)</th> </tr> </thead> <tbody> <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> </tbody> </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 border="1"> <thead> <tr> <th>h(m)</th> <th>Eavg(lx)</th> <th>Emax(lx)</th> <th>D(m)</th> </tr> </thead> <tbody> <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> </tbody> </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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Lumen 250 Watt 10	Lumen 460 Watt 10	Lumen 100 Watt 10																																																																								



recessed wall CATANIA&VICTORIA

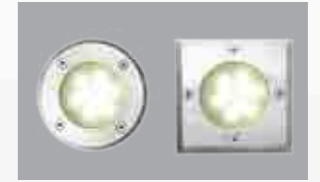


1829				1831D			
CLASS I CE IP65				CLASS I CE IP54			
16LED 16W				3LED 3.5W			
Die Cast Aluminum				Die Cast Aluminum			
A+				A+			
RECESS BOX		RECESS BOX		RECESS BOX		RECESS BOX	
h(m)	Eavg(lx)	Emax(lx)	D(m)	h(m)	Eavg(lx)	Emax(lx)	D(m)
1	31.38	37.62	0.56	1	2.036	2.182	0.23
2	7.845	9.405	1.12	2	0.5091	0.5456	0.45
3	3.487	4.18	1.68	3	0.2263	0.2425	0.68
4	1.961	2.351	2.24	4	0.1273	0.1364	0.9
5	1.255	1.505	2.79	5	0.0815	0.0873	1.13
Lumen 290		Lumen 30					
Watt 16		Watt 3.5					



1821D-A				1822D			
CLASS I CE				CLASS I CE			
IP54				IP54			
12LED 14W				12LED 14W			
Die Cast Aluminum				Die Cast Aluminum			
A+				A+			
h(m)	Eavg(lx)	E _{max} (lx)	D(m)	h(m)	Eavg(lx)	E _{max} (lx)	D(m)
1	32.04	77.78	0.81	1	32.04	77.78	0.81
2	8.009	19.44	1.62	2	8.009	19.44	1.62
3	3.560	8.642	2.42	3	3.560	8.642	2.42
4	2.002	4.861	3.23	4	2.002	4.861	3.23
5	1.282	3.111	4.04	5	1.282	3.111	4.04
Lumen		330		Lumen		330	
Watt		14		Watt		14	





7005A/B LED
CLASS I ☺
IP67
9LED 5W
Die Cast Aluminum
Stainless Steel
A+

7005A/B GU10
CLASS I ☺
IP67
GU10 35W
Die Cast Aluminum
Stainless Steel

7005A 7005B

Round Version: 7005A
Square Version: 7005B

34°

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

80°

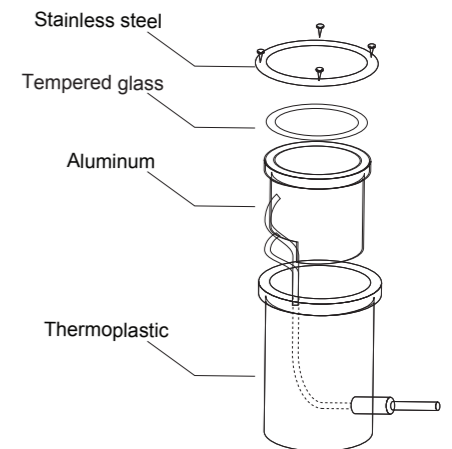
h(m)	Eavg(lx)	Emax(lx)	D(m)
1	52,67	103,7	1,68
2	13,17	25,91	3,35
3	5,853	11,52	5,03
4	3,292	6,478	6,71
5	2,107	4,146	8,38

Lumen 180
Watt 5

3000K 4000 4500K 6500K



2000kgs





7042A
 CLASS I CE
 IP67
 1 COB LED 11W
 Stainless Steel
 A+

Technical drawing showing top and side views of the light fixture with dimensions: diameter 110mm and height 50.5mm.

80°

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

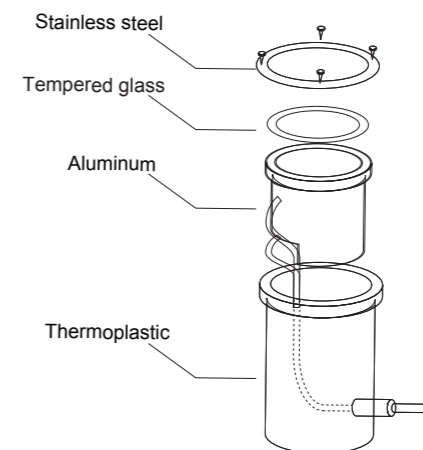
4.8m

Lumen 860
 Watt 11

3000K 4000K 4500K 6500K



2000kgs





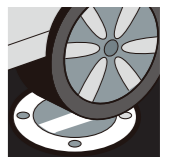
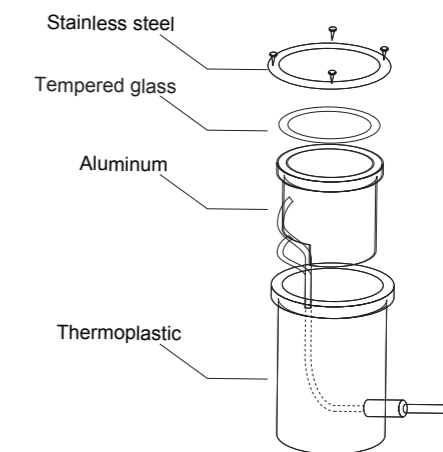
*Adjustable lampholder



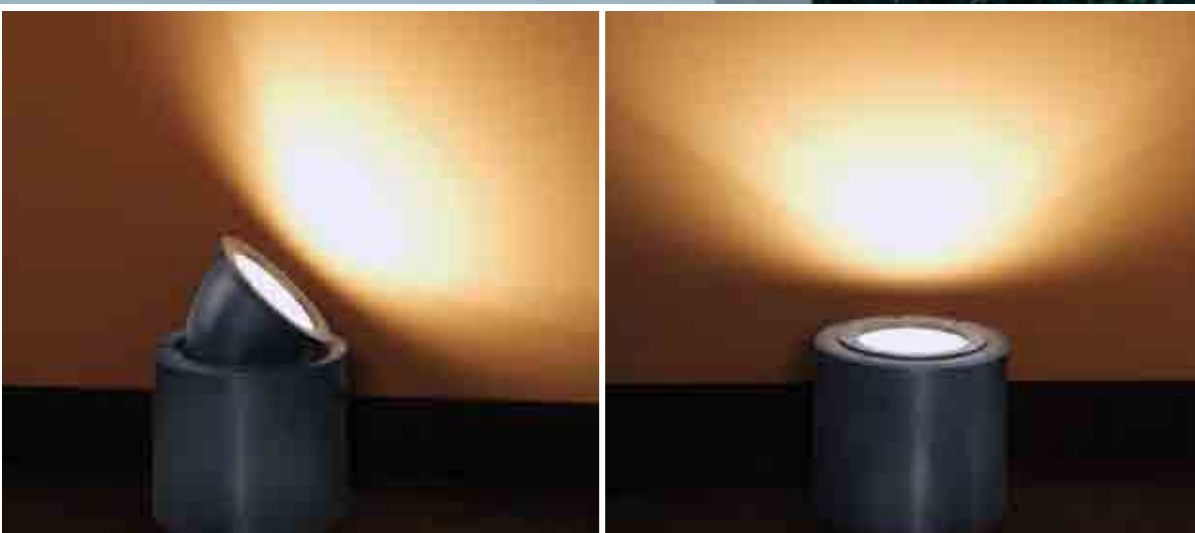
*Adjustable lampholder



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					Lumen 1300				
Watt 3					Watt 27				



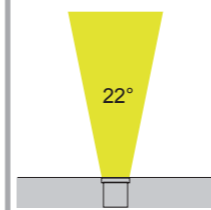
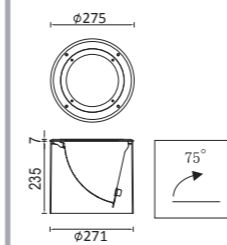
2000kgs



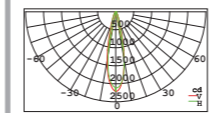
7013

CLASS I CE
IP67
6LED 16W
Stainless Steel

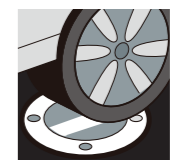
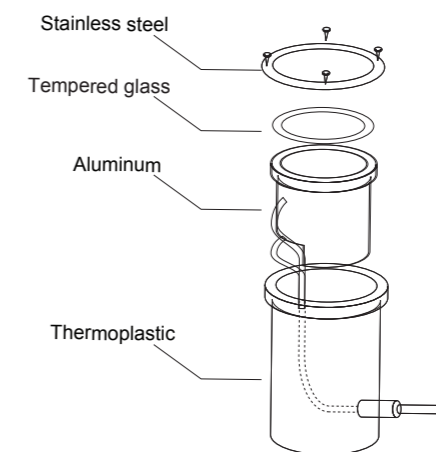
A+



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



2000kgs



recessed ground REGINA



*Adjustable lampholder

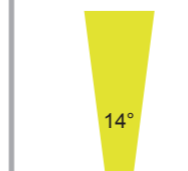
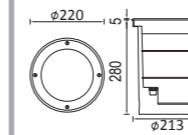


*Adjustable lampholder

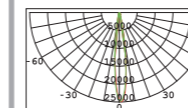


7008A G12 N

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

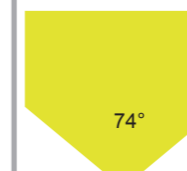
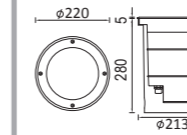


h(m)	Eavg(lx)	Emax(lx)	D(m)
1	16837	25094	0.25
2	4209	62731	0.49
3	1871	2788	0.74
4	1052	1568	0.99
5	673.5	1004	1.24

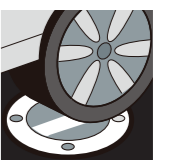
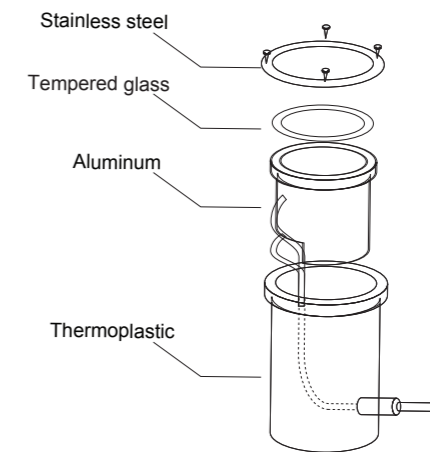
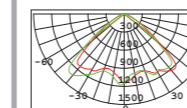


7008A G12 W

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



2000kgs



Anti-glare
(not suitable for LED versions)



recessed ground REGINA

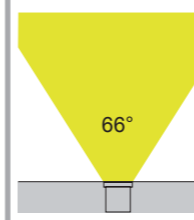
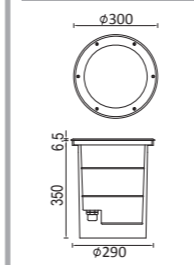


*Adjustable lampholder

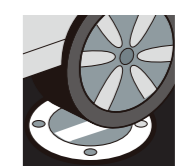
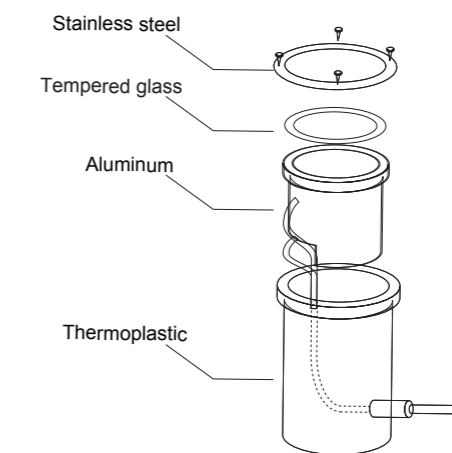
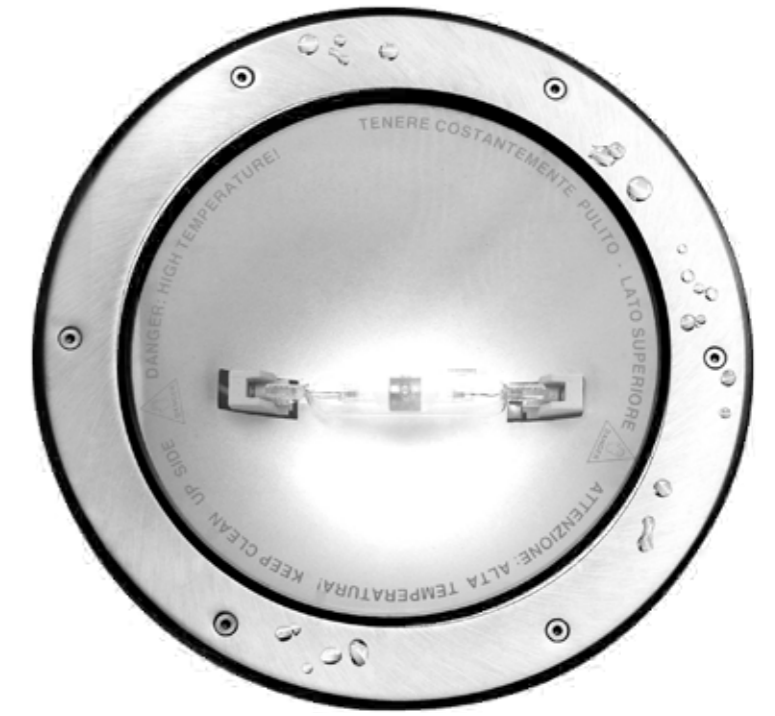
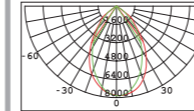


7009A

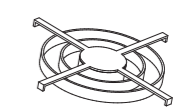
CLASS I CE
 IP67
 Rx7s Adjustable
 Reflector 150W
 Die Cast Aluminum
 Stainless Steel



h(m)	Eavg(x)	Emax(x)	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



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	7005A	BERLIN	P210
6191-840	CLUB	P172	7005B	BERLIN	P210
6219A	SHRIMP	P162	7008A	REGINA	P218
6219A-PIR23	SHRIMP	P162	7009A	REGINA	P220
6221A-PIR23	SHRIMP	P164	7013	ARCTIC	P216
6223	OWL	P184	7036A	GEA	P214
6224	OWL	P184	7037A	GEA	P214
6225	COLLA	P182	7042A	CYDOPS	P212
6226	ADO	P178	8091	HAMBURG	P166
6229	FRONT	P180	9047	HONY	P156
6229-800	FRONT	P180	9048	HONY DECK	P158
6230	FRONT	P180	9049	HONY LOOP	P158
6243	ZIPO	P186	9003	MINI BUTTERFLY	P116
6260	TRUMPET	P18	9011	ZETA	P132
7005A	BERLIN	P210	9011-1010	ZETA	P132
7005B	BERLIN	P210	9012	TILLY	P136
7008A	REGINA	P218	9013	DROP	P134
7009A	REGINA	P220	9014	GHOST SOLAR	P130
7013	ARCTIC	P216	9015	BREAD	P128
7036A	GEA	P214	9016	SUNSHINE	P138
7037A	GEA	P214	9019	OPENY	P140
7042A	CYDOPS	P212	9034	ZERTA	P126
8091	HAMBURG	P166	9035	BUMP	P118
9047	HONY	P156	9036	FLAM	P148
9048	HONY DECK	P158	9037	STACK	P154
9049	HONY LOOP	P158	9037-450	STACK	P154
9003	MINI BUTTERFLY	P116	9040	LORD	P120
9011	ZETA	P132	9041	DRAGONFLY	P114
9011-1010	ZETA	P132	9045	SOSOLAR	P122
9012	TILLY	P136	9052	SPARTA	P145
9013	DROP	P134	9053	GREENBALL	P146
9014	GHOST SOLAR	P130	9054	GYQ25	P146
9015	BREAD	P128	ST3304	SEINE	P202
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9019	OPENY	P140	ST5214	TUBE	P94
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