



### LED FLOODLIGHT

# **SPC-H Series**

LED floodlight Techlumen SPC-H is low in weight, minimal in design and small in size for it's high power and efficacy.

It has a variety of mounting options and can be easily installed in difficult positions.

SPC-H is made of alluminium and painted with electrostatic paint. It is produced in a range of 31W - 160W versions.

There are also versions of CRI >90 for applications that require high color discrimination. It is equiped with optics that produce beam of 30° to 120°, or street lighting optics.

Optionally it can be made of anodized aluminum.

The lighting engine consists of Bridgelux Vero LED chips, which are backed-up with 10 years warranty.

The SPC-H has L80 rating >70000h.



















## **Manufactured in Greece**



## **Dimensions**

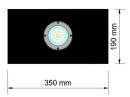
#### 31W

36W - 160W









### Pros

- Low working temperature
- It produces little heat compared to other types of lighting
- Requires no maintenance
- Long life 5 years warranty
- Easy installation
- High reliability
- Excellent performance with low power consumption
- High brightness
- High color rendering up to 90 CRI
- Instant start immediate termination
- It does not emit UV or IR radiation
- Does not contain mercury
- · Resistance to shock and vibration









Thessaloniki's Castle - 2000K CCT

Туре	
Luminous Flux	4456lm - 26424lm
Power	31W - 160W
Ambient Temperature	-30 °C - + 50 °C
Efficacy	146 lm/W - 206 lm/W
Beam angle	30°-120°
Power Factor	0,95
CRI	70 - 90
CCT	2000K - 6500K
IP Rating	IP66
IK Rating	IK09
Body	Aluminium
EPA	0.03m <sup>2</sup> - 0.05m <sup>2</sup>
Finishing	Any RAL -powder coating
Dimensions	(200 - 350) mm X 190mm X 114mm
Weight	1,9 <b>-</b> 5.8 Kg
Warranty	5 years
Compliances:	EN 60598-2-5
	EN 60598-2-1:1989
	EN 55015:2006 + A1:2007 +A2:2009
	EN 62471:2008
	EN 61000-3-2:2006 + A1:2009 + A2:2009
	EN 61000-3-3:2008
	EN 61547:2009
	EN 62493:2010
	Directive (LVD) 2014/35/EU
	Directive (EMC) 2014/30/EU
	Directive (RoHS) 2011/65/EC
	Directive (REACH) 2006/1907/EC
	Directive (EuP) 2009/125/EC

CRI 9	90 upon	request
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## Code   CCT   CRI   Lumen   Lm/W	SPC-H Ver	rions	-	-	-	-
SPC-H-827-31   2700   80   4690   151			ССТ	CRI	Lumen	Lm/W
SPC-H-830-31   3000   80   4780   157		SPC-H-620-31	2000	65	4456	146
SPC-H-835-31   3500   80   4907   161	31W	SPC-H-827-31	2700	80	4690	151
SPC-H-840-31		SPC-H-830-31	3000	80	4780	157
SPC-H-750-31   5000   70   5422   178		SPC-H-835-31	3500	80	4907	161
SPC-H-850-31 5000 80 5096 167  SPC-H-857-31 5700 70 5232 172  SPC-H-857-31 5700 80 5097 167  SPC-H-857-31 6500 80 5097 167  SPC-H-865-31 6500 80 5190 170  SPC-H-820-36 2000 65 5397 149  SPC-H-835-36 2000 80 5740 159  SPC-H-835-36 3000 80 5823 161  SPC-H-835-36 3000 80 5823 161  SPC-H-850-36 5000 70 6567 181  SPC-H-850-36 5000 70 6567 181  SPC-H-850-36 5000 80 6173 170  SPC-H-757-36 5700 70 6337 175  SPC-H-857-36 5700 70 6337 175  SPC-H-857-36 5700 80 6164 170  SPC-H-850-36 6500 80 6164 170  SPC-H-850-36 6500 80 6164 170  SPC-H-850-36 6500 80 9121 171  SPC-H-830-54 2000 65 8533 160  SPC-H-830-54 2000 65 853 160  SPC-H-830-54 2000 80 9121 171  SPC-H-857-54 5700 70 10322 195  SPC-H-850-54 5000 70 10322 195  SPC-H-850-54 5000 70 10199 191  SPC-H-850-54 5000 70 10199 191  SPC-H-850-54 5000 80 9637 181  SPC-H-850-54 5000 80 9637 181  SPC-H-850-54 5000 70 10199 191  SPC-H-865-54 6500 70 70 10191 191  SPC-H-865-54 6500 70 10199 191  SPC-H-865-70 2000 65 11889 169  SPC-H-835-70 3000 80 12540 179  SPC-H-830-70 3000 80 13619 194		SPC-H-840-31	4000	80	4954	163
SPC-H-757-31   5700   70   5232   172		SPC-H-750-31	5000	70	5422	178
SPC-H-857-31		SPC-H-850-31	5000	80	5096	167
SPC-H-765-31		SPC-H-757-31	5700	70	5232	172
SPC-H-865-31         6500         80         5190         170           SPC-H-620-36         2000         65         5397         149           SPC-H-827-36         2700         80         5740         159           SPC-H-830-36         3000         80         5823         161           SPC-H-840-36         4000         80         6000         166           SPC-H-850-36         5000         70         6567         181           SPC-H-850-36         5000         80         6173         170           SPC-H-850-36         5700         80         6053         167           SPC-H-856-36         5700         80         6053         167           SPC-H-865-36         6500         70         6452         178           SPC-H-865-36         6500         80         6164         170           SPC-H-865-36         6500         80         90         161         170           SPC-H-865-36         6500         80         90         161         170           SPC-H-830-54         2000         65         8533         160           SPC-H-835-54         3000         80         9761         178 </td <td></td> <td>SPC-H-857-31</td> <td>5700</td> <td>80</td> <td>5097</td> <td>167</td>		SPC-H-857-31	5700	80	5097	167
SPC-H-620-36   2000   65   5397   149		SPC-H-765-31	6500	70	5327	175
SPC-H-827-36		SPC-H-865-31	6500	80	5190	170
SPC-H-830-36   3000   80   5823   161		SPC-H-620-36	2000	65	5397	149
SPC-H-835-36   3500   80   5944   164		SPC-H-827-36	2700	80	5740	159
36W   SPC-H-840-36   4000   80   6000   166   SPC-H-850-36   5000   70   6567   181   SPC-H-850-36   5000   80   6173   170   SPC-H-850-36   5700   80   6073   175   SPC-H-865-36   5700   80   6053   167   SPC-H-865-36   6500   70   6452   178   SPC-H-865-36   6500   80   6164   170   SPC-H-865-36   6500   80   9061   170   SPC-H-887-54   2000   65   8533   160   SPC-H-835-54   2700   80   9076   188   SPC-H-835-54   3500   80   9121   171   SPC-H-835-54   3500   80   9394   176   SPC-H-850-54   5000   70   10382   195   SPC-H-865-36   5500   80   9758   181   SPC-H-865-54   5000   70   10191   181   SPC-H-865-54   6500   70   10191   181   SPC-H-865-54   6500   70   10191   181   SPC-H-865-54   6500   70   10191   181   SPC-H-865-70   2000   65   11889   169   SPC-H-830-70   3000   80   12710   181   SPC-H-830-70   3000   80   13011   186   SPC-H-830-70   4000   70   1448   206   SPC-H-830-70   5000   70   1448   206   SPC-H-850-70   5000   70   1448   206   SPC-H-850-70   5000   70   13980   199	36W	SPC-H-830-36	3000	80	5823	161
36W         SPC-H-750-36         5000         70         6567         181           SPC-H-850-36         5000         80         6173         170           SPC-H-757-36         5700         70         6337         175           SPC-H-857-36         5700         70         6337         167           SPC-H-865-36         5700         80         6652         167           SPC-H-865-36         6500         70         6452         178           SPC-H-820-54         2000         65         8533         160           SPC-H-827-54         2700         80         9076         168           SPC-H-830-54         3000         80         9121         171           SPC-H-830-54         3000         80         9486         178           SPC-H-840-54         4000         80         9486         178           SPC-H-850-54         5000         70         10382         195           SPC-H-850-54         5000         70         1019         181           SPC-H-850-54         5000         70         1019         191           SPC-H-865-54         6500         70         1019         191		SPC-H-835-36	3500	80	5944	164
\$PC-H-870-36 5000 80 6173 170  \$PC-H-875-36 5700 70 6337 175  \$PC-H-867-36 5700 80 6053 167  \$PC-H-867-36 6500 70 6452 178  \$PC-H-865-36 6500 70 6452 178  \$PC-H-865-36 6500 80 6164 170  \$PC-H-827-54 2700 80 9076 168  \$PC-H-830-54 2000 65 8533 160  \$PC-H-835-54 3000 80 9121 171  \$PC-H-835-54 3500 80 9394 176  \$PC-H-855-54 5000 70 10382 195  \$PC-H-850-54 5000 80 9758 183  \$PC-H-850-54 5700 80 99637 181  \$PC-H-865-54 6500 70 10199 191  \$PC-H-865-54 6500 80 9914 184  \$PC-H-865-54 6500 80 9917 188  \$PC-H-865-54 6500 80 9917 188  \$PC-H-865-54 6500 80 918 191  \$PC-H-865-54 6500 80 918 184  \$PC-H-865-70 2000 65 11889 169  \$PC-H-835-70 3500 80 13091 186  \$PC-H-835-70 3500 80 13218 188  \$PC-H-835-70 5000 70 14488 206  \$PC-H-840-70 5000 70 14488 206  \$PC-H-850-70 5000 80 13619 194		SPC-H-840-36	4000	80	6000	166
SPC-H-757-36			5000	70	6567	181
SPC-H-857-36         5700         80         6053         167           SPC-H-765-36         6500         70         6452         178           SPC-H-865-36         6500         80         6164         170           SPC-H-8865-36         6500         80         6164         170           SPC-H-827-54         2000         65         8533         160           SPC-H-830-54         3000         80         9121         171           SPC-H-835-54         3500         80         9394         176           SPC-H-840-54         4000         80         9486         178           SPC-H-850-54         5000         80         9758         183           SPC-H-850-54         5000         70         10017         188           SPC-H-857-54         5700         70         1019         18           SPC-H-857-54         6500         70         1019         191           SPC-H-865-54         6500         70         1019         191           SPC-H-865-54         6500         70         1019         191           SPC-H-820-70         2000         65         1188         180           SPC-H-830-70		SPC-H-850-36	5000	80	6173	170
SPC-H-765-36         6500         70         6452         178           SPC-H-865-36         6500         80         6164         170           SPC-H-620-54         2000         65         8533         160           SPC-H-620-54         2000         80         9076         168           SPC-H-837-54         2000         80         90721         171           SPC-H-835-54         3500         80         9394         176           SPC-H-840-54         4000         80         9486         178           SPC-H-850-54         5000         70         10382         195           SPC-H-850-54         5000         80         9758         183           SPC-H-850-54         5000         70         10107         188           SPC-H-857-54         5700         70         10107         188           SPC-H-865-54         6500         70         10199         191           SPC-H-865-54         6500         80         9637         181           SPC-H-865-70         2000         65         11889         169           SPC-H-830-70         3000         80         12540         179           SPC-H-		SPC-H-757-36	5700	70	6337	175
SPC-H-865-36         6500         80         6164         170           SPC-H-620-54         2000         65         8533         160           SPC-H-827-54         2700         80         9076         168           SPC-H-830-54         3000         80         9121         171           SPC-H-840-54         3000         80         9346         178           SPC-H-840-54         4000         80         9486         178           SPC-H-850-54         5000         70         10382         195           SPC-H-850-54         5000         70         10171         188           SPC-H-850-54         5700         70         10199         181           SPC-H-850-54         6500         70         10199         191           SPC-H-865-54         6500         70         10199         191           SPC-H-865-54         6500         80         9814         184           SPC-H-8620-70         2000         65         11889         169           SPC-H-830-70         3000         80         12540         179           SPC-H-835-70         3500         80         13218         188           SPC-		SPC-H-857-36	5700	80	6053	167
SPC-H-620-54         2000         65         8533         160           SPC-H-827-54         2700         80         9076         168           SPC-H-830-54         3000         80         9121         171           SPC-H-835-54         3500         80         9346         176           SPC-H-840-54         4000         80         9486         178           SPC-H-850-54         5000         70         10382         195           SPC-H-850-54         5000         80         9758         183           SPC-H-857-54         5700         80         9637         181           SPC-H-865-54         6500         70         10199         191           SPC-H-865-54         6500         80         9814         184           SPC-H-865-70         2000         65         11889         169           SPC-H-885-70         2000         60         12710         181           SPC-H-835-70         3500         80         12710         181           SPC-H-835-70         3500         80         13218         188           SPC-H-835-70         5000         70         1448         206           SPC-H-8		SPC-H-765-36	6500	70	6452	178
SPC-H-827-54         2700         80         9076         168           SPC-H-830-54         3000         80         9121         171           SPC-H-835-54         3500         80         9394         176           SPC-H-835-54         3500         80         9486         178           SPC-H-850-54         5000         70         10382         195           SPC-H-850-54         5000         80         9758         183           SPC-H-857-54         5700         70         10017         188           SPC-H-857-54         6500         80         9637         181           SPC-H-865-54         6500         80         9814         184           SPC-H-865-54         6500         80         9814         184           SPC-H-865-54         6500         80         9814         184           SPC-H-867-70         2000         65         11889         169           SPC-H-830-70         3000         80         12540         179           SPC-H-835-70         3000         80         13218         188           SPC-H-850-70         5000         70         14488         260           SPC-H-8		SPC-H-865-36	6500	80	6164	170
5PC-H-830-54         3000         80         9121         171           5PC-H-835-54         3500         80         9394         176           5PC-H-840-54         4000         80         9486         178           5PC-H-850-54         5000         80         9758         183           5PC-H-850-54         5000         70         10017         188           5PC-H-857-54         5700         70         10197         181           5PC-H-865-54         6500         70         10199         191           5PC-H-865-54         6500         70         10199         191           5PC-H-820-70         2000         65         1188         180           5PC-H-837-70         2000         65         1188         179           5PC-H-830-70         3000         80         12510         181           5PC-H-835-70         3500         80         13011         186           5PC-H-830-70         4000         80         13218         188           5PC-H-850-70         5000         70         1488         29           70W         5PC-H-850-70         5000         70         1488         29		SPC-H-620-54	2000	65	8533	160
54W         SPC-H-835-54         3500         80         9394         176           54W         SPC-H-840-54         4000         80         9486         178           SPC-H-850-54         5000         70         10382         195           SPC-H-850-54         5000         70         10017         188           SPC-H-857-54         5700         70         10017         188           SPC-H-857-54         6500         70         10199         191           SPC-H-865-54         6500         80         9914         184           SPC-H-865-70         2000         80         18189         169           SPC-H-820-70         2000         80         12540         179           SPC-H-835-70         3000         80         12540         179           SPC-H-835-70         3500         80         13014         186           SPC-H-840-70         4000         80         13218         188           SPC-H-850-70         5000         70         1448         206           SPC-H-850-70         5000         70         1448         206           SPC-H-850-70         5000         70         1448         20		SPC-H-827-54	2700	80	9076	168
54W         SPC-H-840-54         4000         80         9486         178           SPC-H-750-54         5000         70         10382         195           SPC-H-850-54         5000         80         9758         183           SPC-H-857-54         5700         80         9937         181           SPC-H-865-54         6500         70         10199         191           SPC-H-865-54         6500         80         9914         184           SPC-H-865-70         2000         65         11889         169           SPC-H-830-70         2700         80         12540         179           SPC-H-835-70         3000         80         12710         181           SPC-H-835-70         3500         80         13011         186           SPC-H-835-70         3500         80         13218         188           70W         SPC-H-850-70         5000         70         1448         206           SPC-H-850-70         5000         80         13619         194			3000	80	9121	
54W         SPC-H-750-54         5000         70         10382         195           SPC-H-850-54         5000         80         9758         183           SPC-H-857-54         5700         70         10017         188           SPC-H-857-54         5700         70         10199         181           SPC-H-865-54         6500         80         9814         184           SPC-H-8620-70         2000         65         11889         169           SPC-H-830-70         3000         80         12740         181           SPC-H-835-70         3500         80         13091         186           SPC-H-840-70         4000         80         13218         188           70W         SPC-H-850-70         5000         70         14488         206           SPC-H-850-70         5000         80         13619         194           SPC-H-850-70         5000         70         14488         206           SPC-H-850-70         5000         70         14488         206           SPC-H-850-70         5000         70         13980         199		SPC-H-835-54	3500	80	9394	176
SPC-H-70-0-34 5000 70 10332 195 SPC-H-850-54 5000 80 9758 183 SPC-H-757-54 5700 70 10017 188 SPC-H-765-54 5700 80 9637 181 SPC-H-765-54 6500 70 10199 191 SPC-H-865-54 6500 80 9814 184 SPC-H-820-70 2000 65 11889 169 SPC-H-827-70 2700 80 12540 179 SPC-H-830-70 3000 80 12710 181 SPC-H-835-70 3500 80 13091 186 SPC-H-835-70 4000 80 13218 188 SPC-H-830-70 5000 70 14488 206 SPC-H-850-70 5000 70 14488 206 SPC-H-850-70 5000 80 13619 194 SPC-H-850-70 5000 70 13980 199	EANN	SPC-H-840-54	4000	80	9486	178
SPC-H-757-54   5700   70   10017   188	3444	SPC-H-750-54	5000	70	10382	195
SPC-H-857-54   5700   80   9637   181     SPC-H-865-54   6500   70   10199   191     SPC-H-865-54   6500   80   9814   184     SPC-H-862-70   2000   65   11889   169     SPC-H-837-70   3700   80   12540   179     SPC-H-835-70   3500   80   12710   181     SPC-H-835-70   4000   80   13091   186     SPC-H-840-70   4000   80   13218   188     SPC-H-850-70   5000   70   14488   206     SPC-H-850-70   5000   80   13619   194     SPC-H-857-70   5700   70   13980   199						
SPC-H-765-54   6500   70   10199   191     SPC-H-865-54   6500   80   9814   184     SPC-H-8620-70   2000   65   11889   169     SPC-H-837-70   2700   80   12710   181     SPC-H-835-70   3500   80   13091   186     SPC-H-835-70   4000   80   13218   188     SPC-H-840-70   4000   80   13218   188     TOW   SPC-H-850-70   5000   70   14488   206     SPC-H-850-70   5000   80   13619   194     SPC-H-757-70   5700   70   13980   199						
SPC-H-865-54   6500   80   9814   184     SPC-H-620-70   2000   65   11889   169     SPC-H-827-70   2700   80   12540   179     SPC-H-830-70   3000   80   12710   181     SPC-H-835-70   3500   80   13091   186     SPC-H-840-70   4000   80   13218   188     TOW   SPC-H-750-70   5000   70   14488   206     SPC-H-850-70   5000   70   13980   199						
SPC-H-620-70   2000   65   11889   169						
SPC-H-827-70   2700   80   12540   179     SPC-H-830-70   3000   80   12710   181     SPC-H-835-70   3500   80   13091   186     SPC-H-840-70   4000   80   13218   188     SPC-H-850-70   5000   70   14848   206     SPC-H-850-70   5700   70   13980   199						
SPC-H-830-70   3000   80   12710   181   SPC-H-835-70   3500   80   13091   186   SPC-H-840-70   4000   80   13218   188   SPC-H-750-70   5000   70   14488   206   SPC-H-850-70   5700   70   13980   199					11889	
SPC-H-835-70 3500 80 13091 186 SPC-H-840-70 4000 80 13218 188 70W SPC-H-750-70 5000 70 14488 206 SPC-H-850-70 5000 80 13619 194 SPC-H-757-70 5700 70 13980 199	70W		2700			
SPC-H-840-70         4000         80         13218         188           70W         SPC-H-750-70         5000         70         14488         206           SPC-H-850-70         5000         80         13619         194           SPC-H-757-70         5700         70         13980         199						
70W         SPC-H-750-70         5000         70         14488         206           SPC-H-850-70         5000         80         13619         194           SPC-H-757-70         5700         70         13980         199						
SPC-H-850-70         5000         80         13619         194           SPC-H-757-70         5700         70         13980         199						
SPC-H-757-70 5700 70 13980 199						
		SPC-H-857-70	5700	80	13428	
SPC-H-765-70 6500 70 14235 203						
SPC-H-865-70 6500 80 13675 195		SPC-H-865-70	6500	80	13675	195

Watt	Code	сст	CRI	Lumen	Lm/
	SPC-H-620-96	2000	65	15410	158
	SPC-H-827-96	2700	80	16090	167
	SPC-H-830-96	3000	80	16185	169
	SPC-H-835-96	3500	80	16670	174
	SPC-H-840-96	4000	80	16832	176
96W	SPC-H-750-96	5000	70	18450	193
	SPC-H-850-96	5000	80	17344	181
	SPC-H-757-96	5700	70	17803	186
	SPC-H-857-96	5700	80	17100	179
	SPC-H-765-96	6500	70	18127	190
	SPC-H-865-96	6500	80	17474	182
	SPC-H-827-130	2700	80	20676	159
	SPC-H-830-130	3000	80	21125	162
	SPC-H-835-130	3500	80	21596	166
	SPC-H-840-130	4000	80	21618	166
	SPC-H-750-130	5000	70	22559	173
130W	SPC-H-850-130	5000	80	21796	167
	SPC-H-757-130	5700	70	22115	170
	SPC-H-857-130	5700	80	21125	162
	SPC-H-765-130	6500	70	22284	171
	SPC-H-865-130	6500	80	21321	164
	SPC-H-827-145	2700	80	22298	154
	SPC-H-830-145	3000	80	22783	157
	SPC-H-835-145	3500	80	23428	161
	SPC-H-840-145	4000	80	23510	162
	SPC-H-750-145	5000	70	24500	169
145W	SPC-H-850-145	5000	80	23812	164
	SPC-H-757-145	5700	70	22189	166
	SPC-H-857-145	5700	80	21796	157
	SPC-H-765-145	6500	70	23924	165
	SPC-H-865-145	6500	80	23029	159
160W	SPC-H-827-160	2700	80	23879	149
	SPC-H-830-160	3000	80	24418	152
	SPC-H-835-160	3500	80	24987	156
	SPC-H-840-160	4000	80	25028	156
	SPC-H-750-160	5000	70	26424	165
	SPC-H-850-160	5000	80	25347	158
	SPC-H-757-160	5700	70	25697	160
	SPC-H-857-160	5700	80	24398	152
	SPC-H-765-160	6500	70	25698	160

## Polar Intensity Diagram



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