



**Product Details :-**

Code : SFLSQL500  
Series : Thunder series

**Electrical Data :-**

Input voltage range : 90 - 305VAC  
Power : 500 Watt  
Power factor : >0.95  
Frequency : 50/60 Hz  
THD : < 10%  
Driver : Constant current active powerfactor corrected  
Flicker free driver : Yes  
Driver efficiency : > 90%

**Light Data :-**

LED Make : SMD LED, LM80 certified  
System efficacy : >130lmW  
Beam angle : 50°  
CCT range : 2700 - 6500K  
CRI(Ra) : Typical 70  
Secondary optics : Polycarbonate lens  
LED Life time : 50,000 hours

**Environmental :-**

Working temperature : 0°C to + 55 °C  
Working humidity : 10 to 90% RH  
Storage temperature : -10°C to + 85 °C  
Ingress protection : IP65



**Physical Details :-**

Material & Construction : Fabricated high thermal efficient aluminum fins  
Fixture dimensions : L 425mm x W 290mm x H 215mm  
Weight : 9.5 Kgs approx.,  
Type of mounting : Pole/Wall/Surface mounting

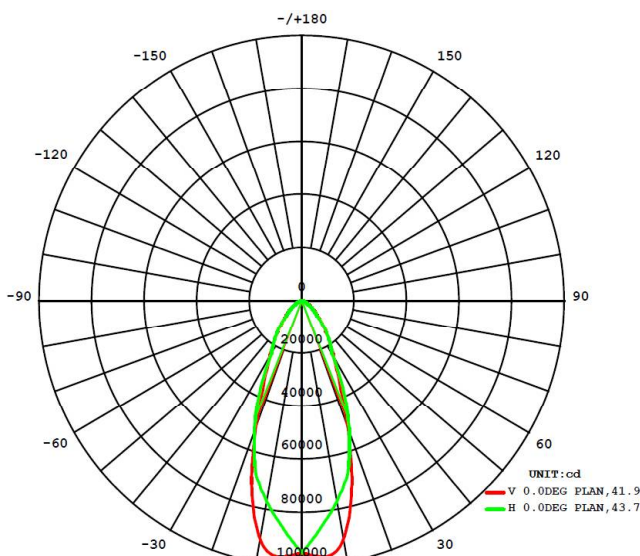
**Protections :-**

Output Over voltage / Under voltage protected : Provided  
Output Over current and Short circuit : Provided  
440VAC with stand : YES  
Surge protection : Inbuilt driver 6KV & External 10KV

**Applications**

**: Outdoor & Stadium lighting**

**Light distribution :-**



**AAI Curve :-**

5m	2437, 38381x	389.36cm
10m	609.2, 959.61x	778.71cm
15m	270.7, 426.51x	1168.07cm
20m	152.3, 239.91x	1557.42cm
25m	97.47, 153.51x	1946.78cm
30m	67.68, 106.61x	2336.14cm
35m	49.73, 78.331x	2725.49cm
40m	38.07, 59.981x	3114.85cm
45m	30.08, 47.391x	3504.20cm
50m	24.37, 38.381x	3893.56cm
Height	Eavg, Emax	Angle: 42.55deg Diameter

\* On all electrical parameters (+/-10%) tolerance to be considered

\* On all mechanical dimensions & weight (+/-5%) tolerance to be considered

Note : The above specification are subjected to change without prior notice

