

BT18WT8S



Caratteristiche tecniche / Physical Parameters:

Dimensioni / Overall Size:	1200 x 26 mm
Materiale / Housing material :	6063 Aluminum
Grado IP / IP Rate :	IP 40
Durata / Life span :	60.000 hours
Peso Netto / Net weight:	332 g
Temperatura in superficie / Surface temperature :	≤ 45°C
Numero di Led / Numbers of LEDs:	96 (Samsung)
Temperatura d'esercizio / Working temperature:	-40°C — +45°C

Parametri Luminosi / Optical Parameters:

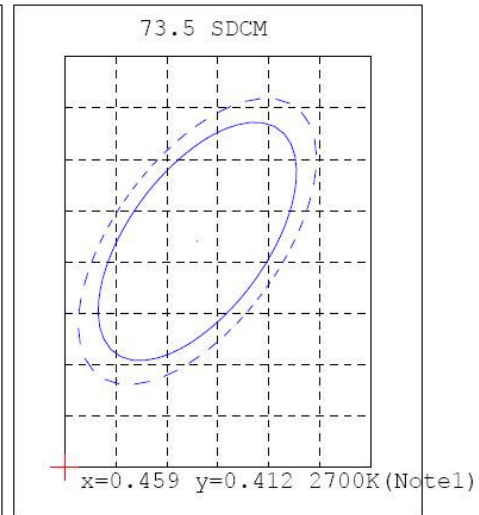
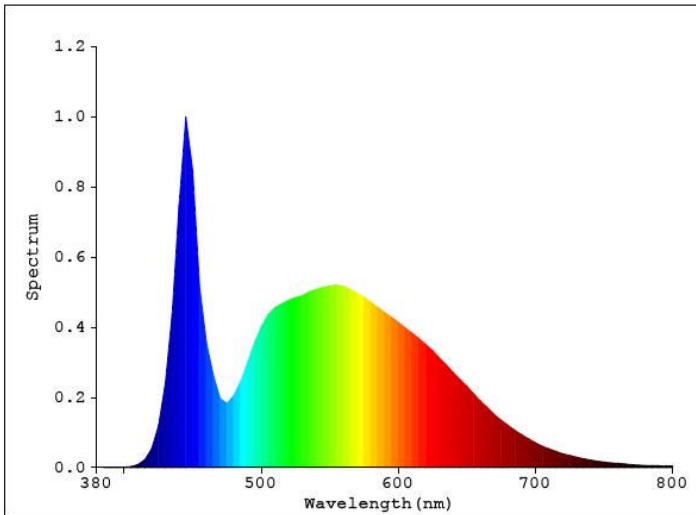
Flusso Luminoso / Output lumens:	2100 Lm (WW) 2300 (CW)
Temperatura Colore / Color temperature:	C (6000-7000K) W (2700-3900K)
Efficienza Luminosa / Luminous efficacy:	95 lm/W

Parametri Elettrici / Electrical Parameters:

Tensione di lavoro / Working voltage:	85-264VAC
Frequenza / Frequency:	50 - 60Hz
Consumo / Rated power:	18 watts
Protezioni / Protection:	Input overcurr, Output shortcircuit, Output over cur
Fattore di Potenza / Power factor:	≥0.9

Spectrophotometer Test Report

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3200$ $y=0.3473$ $u'=0.1961$ $v'=0.4788$
 $Tc=6046K$ Dominant WL: $Ld=506.1nm$ Purity=4.1% Centroid WL: $544.0nm$
 Ratio: $R=14.4\%$ $G=81.2\%$ $B=4.4\%$ Peak WL: $Lp=445.0nm$ HWL: $19.5nm$
 Render Index: $Ra=80.7$
 $R1=78$ $R2=83$ $R3=88$ $R4=82$ $R5=80$ $R6=78$ $R7=87$
 $R8=71$ $R9=8$ $R10=61$ $R11=82$ $R12=62$ $R13=78$ $R14=93$ $R15=73$

Photo Parameters:

Flux: 2127.3 lm Fe: 6.8331 W Efficacy: 109.4 lm/W
 LEVEL: WHITE:OUT

Electrical Parameters:

Luminaire: $U=219.9V$ $I=0.08990A$ $P=19.44W$ $PF=0.9833$
 Instrument Status:
 Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm$ $[0]$ $I_p=22527(G=4, D=48)$
 $REF=14595(R=3)$ $\%=0.166\%$ PMT: 19.4 centigrade $[150.0]$