

**SPECIFICATION SHEET**



**SPECIFICATIONS**

- Brightness:** 1600 Lumens
- Power:** 21 watt
- Input Voltage:** 100-240V AC
- LED CCT:** 5000K
- CRI:** 90+
- LED Chip Size:** 3528
- LED Chips:** 50 pcs
- IP Rating:** IP20
- Environment:** Indoor Use - Dry Location
- Beam Angle:** 60-90°
- Head Adjust.:** Pivot up to 90°  
Horizontal Rotation up to 358°
- Head Length:** 5.75 in / 146 mm
- Head Width:** 2.8 in / 71 mm
- Head Height:** 1.3 in / 33 mm
- Stem Length:** 3.5 in / 89 mm
- Adapter Length:** 4 in / 101 mm
- Adapter Width:** 1.4 in / 35 mm
- Adapter Height:** 1.25 in / 32 mm
- Track System:** H-Style
- Finish:** Black EL-TKH500-50K-BK  
White EL-TKH500-50K-WH
- Manufacturer:** Elumalight
- Rating:** ETL Listed
- Avg. Lifetime:** ± 30,000 - 50,000 hours
- Warranty:** 2 years limited
- Required:** H Style track lighting accessories

**JOB NAME:** \_\_\_\_\_

**LOCATION:** \_\_\_\_\_

**QUOTE/REF#:** \_\_\_\_\_

**DESCRIPTION**

The ultimate LED Wall Wash head with low profile, integrated LED chipsets design for ultimate flexibility to suit your application such as retail, displays, commercial, and general lighting. It is part of Step 1 Designs Track Lighting Collection, so make sure to check out other LED track lighting fixtures to accessorize your space.

The ST500 is made from premium materials and available in Black or White finish options with 3.5" length Stem. Available in 5000k Cool White color temperature options.

**KEY FEATURES**

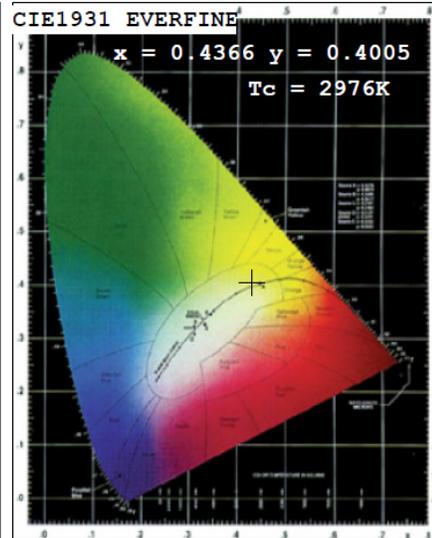
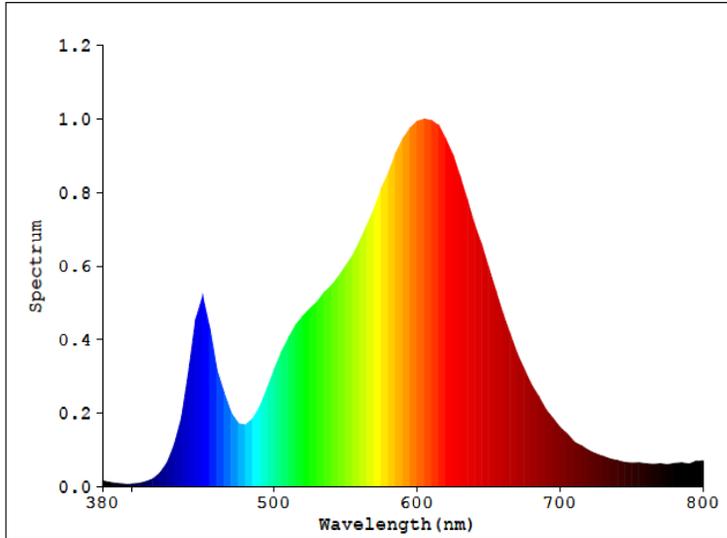
- Great for lighting up Artworks or Displays with even wall wash lighting
- 90-degree vertical movement of 358-degree horizontal rotation
- Use with H-Style Track System
- Die-Cast Aluminum Body
- Up to 50,000 hours lifespan
- ETL Listed

**APPLICATIONS**

- Tradeshow Booth
- Exhibit and Displays
- Wall Wash Lighting
- Commercial Application
- Illuminate Graphics and Artworks



**LIGHT SOURCE TEST REPORT**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4366$   $y=0.4005$   
 Chromaticity Coordinate:  $u'=0.4366$   $v'=0.4005$  ( $duv=-1.40e-03$ )  
 $T_c=2976K$  Dominant WL:  $L_d=583.4nm$  Purity=51.2% Centroid WL: 591.0nm  
 Ratio: R=25.1% G=72.8% B=2.2% Peak WL:  $L_p=605.0nm$  HWL: 128.4nm  
 Render Index:  $R_a=83.4$   
 R1 =82 R2 =91 R3 =97 R4 =82 R5 =82 R6 =90 R7 =83  
 R8 =60 R9 =10 R10=80 R11=82 R12=75 R13=84 R14=99 R15=75

**Photo Parameters:**

Flux: 1043.0 lm Fe: 3.2827 W Efficacy: 102.2 lm/W

**Electrical Parameters:**

Luminaire: U=220.6V I=0.04758A P=10.20W PF=0.9717

**Instrument Status:**

Scan Range: 380.0nm-800.0nm Interval: 5.0nm [0]  $I_p=33759$  (G=5, D=56)  
 REF=22064 (R=4)  $\%=-0.168\%$  PMT: 29.5 centigrade [30.0]

Number: 01  
 Temperature: 25.3 deg  
 Test Operator: CHEN  
 Software: V2.00.100

Test Department: QC  
 Humidity: 65.0%  
 Test Date: 2017-06-28 15:59:05  
 Instrument: PMS-80\_V1 (SN: 11010045)