



# LED HID Series

**DIRECTIONAL • 50,000 HOURS • 120-277 VAC**

TCP's LED T-shape HID replacements are changing the LED game for HID replacement lamps. Unlike traditional HID and LED "Corn Cob" solutions, the TCP LED T-shapes are directional and deliver maximum lumens on the floor. The plastic lens helps to minimize glare and increase overall lamp performance.



## LIMITLESS OPTIONS FOR THE FOLLOWING APPLICATIONS

- Street Lights
- Roadways
- Landscape Lighting
- Parking Lots
- Warehouses
- Industrial Lighting

FEATURES	BENEFITS
Operates on less energy than traditional metal halide products	Instant energy savings
Long life – 50,000 hours	Minimizes replacement and maintenance costs
Directional 180° beam angle	Delivering maximum lumens distribution on the floor
Shatter resistant	Lower risk of injury and breakage
Isolated driver	All for better heat dissipation
Wet location rated	Suitable for wet locations—when exposed to water use only with device base up
Approved for totally enclosed surface luminaires	Can be used in enclosed fixtures with minimum lamp compartment dimensions of: 16 inches diameter x 10.43 inch high

## SPECIFICATIONS

Color Temperatures.....4000K, 5000K  
 Wattage Replacements..... 150W, 175W, 250W, 400W  
 Input Line Voltage ..... 120-277 VAC  
 Input Line Frequency..... 50/60HZ  
 Lamp Life (Rated) .....50,000 hours  
 Minimum and Maximum Operating Temperatures ..... -30°C/45°C  
 CRI.....>80



Bypass Construction • Non Dimmable



LHID250  
E39 base

LHID175  
E39 base

LHID150  
E26 base

LHID100  
E26 base



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ITEM #	DESCRIPTION	VOLTAGE	LED WATTS	WATTAGE EQUIVALENT	LUMENS	LPW	CCT	COLOR TEMP	BEAM ANGLE	MOL (inches)	DJA (inches)	WEIGHT (pounds)	BASE	MASTER PACK
<b>90W LED HID</b>														
LHID25040*	LED 90W MH400 EX39 40K	120-277V	90	250-400	13,600	151.11	>80	4000K	180°	10.3	5.2	2.4	EX39	6
LHID25050*	LED 90W MH400 EX39 50K	120-277V	90	250-400	13,600	151.11	>80	5000K	180°	10.3	5.2	2.4	EX39	6
<b>65W LED HID</b>														
LHID17540*	LED 65W MH250 EX39 40K	120-277V	65	175-250	9900	152.31	>80	4000K	180°	10.3	5.2	2.0	EX39	6
LHID17550*	LED 65W MH250 EX39 50K	120-277V	65	175-250	9900	152.31	>80	5000K	180°	10.3	5.2	2.4	EX39	6
<b>40W LED HID</b>														
LHID15040	LED 40W MH175 E26 40K	120-277V	40	150-175	5850	146.25	>80	4000K	180°	8.5	4.4	1.4	includes E26 to E39 ADAPTER	6
LHID15050	LED 40W MH175 E26 50K	120-277V	40	150-175	5850	146.25	>80	5000K	180°	8.5	4.4	1.4	includes E26 to E39 ADAPTER	6
<b>25W LED HID</b>														
LHID10040	LED 25W MH150 E26 40K	120-277V	25	100-150	3750	150.00	>80	4000K	180°	7.4	3.8	1.1	E26	6
LHID10050	LED 25W MH150 E26 50K	120-277V	25	100-150	3750	150.00	>80	5000K	180°	7.4	3.8	1.1	E26	6

\* DLC approved.



**5 YEAR WARRANTY**

Based on 12 hours use per day

## LED T-shape HIDs and traditional LED HIDs "Corn Cob" COMPARISON

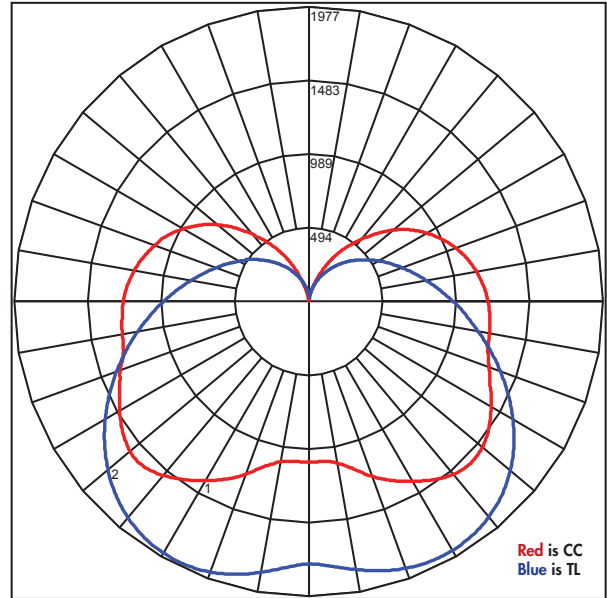




**LED T-shape HIDs and traditional LED HIDs "Corn Cob"**  
COMPARISON continued

LHID250 ZONAL LUMENS		BY ZONE	
		90w TL	100w CC
0	10	174	104
10	20	540	330
20	30	902	606
30	40	1207	905
40	50	1413	1176
50	60	1492	1321
60	70	1450	1339
70	80	1319	1320
80	90	1138	1324
90	100	937	1281
100	110	742	1164
110	120	563	985
120	130	403	757

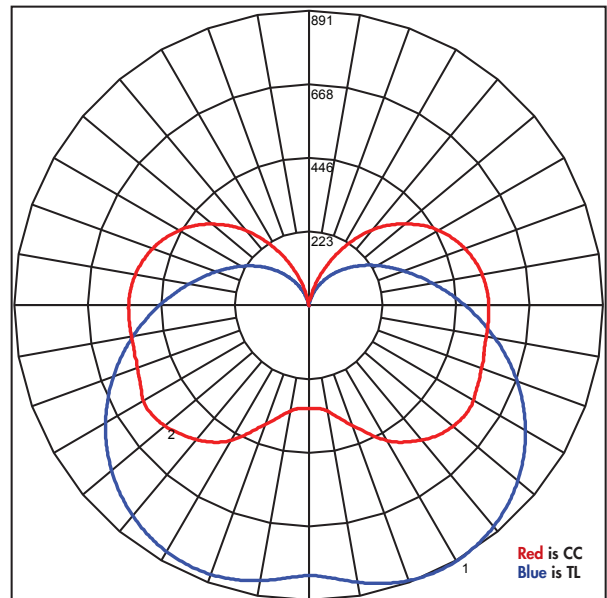
Candela Display



# 1 CTL 4976 L100MHX39... - Vertical Plane Through Horizontal Angles (225 - 45) Max. Candela  
# 2 CTL 4973 LHID25... - Vertical Plane Through Horizontal Angles (247.5 - 67.5) Max. Candela

LHID150 ZONAL LUMENS		BY ZONE	
		40w TL	40w CC
0	10	79	30
10	20	244	100
20	30	405	194
30	40	541	307
40	50	639	415
50	60	688	503
60	70	687	549
70	80	640	567
80	90	558	583
90	100	459	578
100	110	361	539
110	120	272	467
120	130	193	370

Candela Display



# 1 CTL 4971\_LHID15... - Vertical Plane Through Horizontal Angles (337.5 - 157.5) Max. Candela  
# 2 CTL 4975\_L45MHE... - Vertical Plane Through Horizontal Angles (270 - 90) Max. Candela

# TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market — that transforms your surroundings and envelopes you in warmth — lighting that generates beauty with every flip of the switch.

# LED