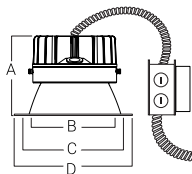
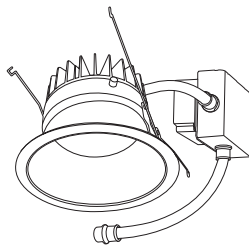




REFLECTOR/
TRIM COLOR



A: Height = 7-1/8"
B: Trim Aperture = 7-3/4"
C: Cut-Out = 8-1/2"
D: Trim Outside Dia = 9-1/2"

NOMINAL	ELITE	LUMENETIX	LED ENGIN
2500	30 W	-	-
2000	24 W	30 W	29 W
1500	18 W	20 W	-
1200	14 W	18 W	-
1100	-	-	15 W
900	10 W	-	-

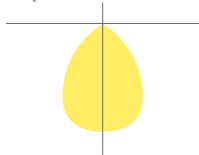
Based on 4000K, 90CRI with semi-specular chrome reflector.
Actual wattage may vary +/-5%

DYNAMIC PLATFORM

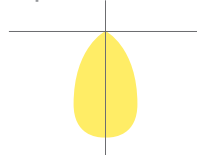
SMART WHITE - Tunable White with Smart White technology allows the tuning of luminaires to mimic the natural color patterns throughout the day, enhancing interior office spaces, hospitality, and architectural elements. Tuning of intensity and color in classrooms enables a diversification in student activities, while the use of tunable white technology in healthcare stimulates circadian rhythm, accelerating the healing process. Complementing colors and textures in retail merchandising also has an impact on sales, utilizing the technology to adjust colors throughout the season. A CRI of 90+ is standard, and available on all three platforms. Elite Platform (50K-27K), Lumenetix Platform (80K-16K) and LED Engin Platform (65K-18K)

LUMENS	Elite Platform: 900, 1200, 1500, 2000 & 2500 Lumenetix Platform: 1200, 1500 & 2000 LED Engin Platform: 1100 & 2000
TUNABLE WHITE PLATFORM	High Performance: TWH-50K-27K (50K to 27K) Lumenetix: TWH-LTX-80K-16K (80K to 16K) LED Engin: TWH-LENGN-65K-18K (65K to 18K)
CRI	90+ Standard
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	WD (Wide Distribution), MD (Medium Distribution) and ND (Narrow Distribution), 45°-50° visual cutoff
TRIM OPTIONS	Downlight, Wall Wash, Double Wall Wash, Wet Location
REFLECTOR COLORS	CL (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), WT (Wheat), WH (White), MB (Black)
FLANGE COLORS	Self-flanged WH (White), SCH (Semi-Specular Chrome), SHZ (Low Iridescent Satin Haze), MB (Black)
DIMMING	1% Dimming Standard, 0-10V (DIM10), DMX-512 DMX-RDM, BLE, LUTH, DALI, DLM
EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output (Bodine BSL20)
LIFETIME	L70 at 102,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

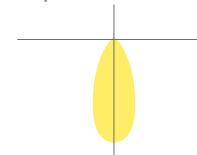
WD: Wide
Candlepower Distribution Curve



MD: Medium
Candlepower Distribution Curve



ND: Narrow
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.

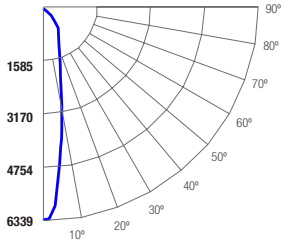




HHJ8-LED-TWH-50K-27K-2000L-ND-HH8-8501-CL-WH

INPUT WATTS: **24.8** LUMENS: **2093** CRI: **90+** EFFICACY: **84** CCT: **4000K** SPACING CRITERIA: **0.44**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	396	1.5 ft.
8.0	99.1	3.1 ft.
12.0	44.0	4.6 ft.
16.0	24.8	6.1 ft.
20.0	15.8	7.6 ft.
24.0	11.0	9.2 ft.
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	995.74	47.60	47.60
0-30	1502.05	71.80	71.80
0-40	1919.71	91.70	91.70
0-60	2085.57	99.60	99.60
0-80	2092.54	100.00	100.00
0-90	2093.37	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	3230	7321	11944
55	763	1252	2041
65	173	219	1029
75	106	177	232
85	69	433	537

Lumens Per Zone

Zone	Lumens
0-10	412.84
10-20	582.89
20-30	506.31
30-40	417.66
40-50	142.87
50-60	22.99
60-70	5.65
70-80	1.33
80-90	0.83

Candela Tabulation

Candela Tabulation	
Q	
0	6339.33
5	5150.18
15	1962.79
25	1044.09
35	752.22
45	72.67
55	13.92
65	2.32
75	0.87
85	0.19
90	0.05

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

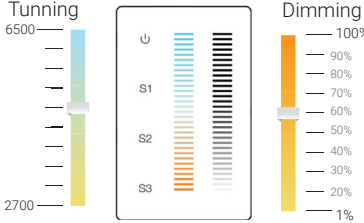


RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	102	102	100	
1	114	111	109	107	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	92	90	88	
2	109	104	100	97	97	106	102	99	96	99	96	94	96	94	92	93	92	90	88	88	86	84	83	
3	104	97	93	89	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83	83	81	79	78	
4	99	92	86	82	82	97	90	86	82	88	84	81	86	83	80	85	82	79	78	78	77	75	73	
5	94	86	81	77	77	93	85	80	76	84	79	76	82	78	75	81	77	75	73	73	70	69	69	
6	90	82	76	72	72	88	81	76	72	79	75	71	78	74	71	77	73	70	69	69	66	65	65	
7	86	77	72	68	68	85	77	71	68	75	71	67	74	70	67	73	69	66	65	65	63	62	62	
8	82	73	68	64	64	81	73	68	64	72	67	64	71	66	63	70	66	63	62	62	60	59	59	
9	79	70	64	61	61	78	69	64	61	68	64	60	68	63	60	67	63	60	59	59	57	56	56	
10	76	67	61	58	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56	56	54	53	53	

RC - Ceiling Cavity Reflectance RW - Wall Reflectance



CONTROL OPTIONS

With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

CONTROL PROTOCOLS	SMART WHITE	LEDENGIN	LUMENETIX	
<p><input type="checkbox"/> ELITE-CONNECT (EC-WC-TWH-HW-MVOLT) - Hard-wired, 0-10V, 120/277V wall mounted controller for CCT Tuning and Intensity Dimming through Simple Touch screen pad, provided by Elite Lighting. Programmable for up to 3-scenes, with a dimming range down to 1%. Applicable for office spaces, hospitality, educational, healthcare, and retail merchandising.</p> 	✓	✓	N/A	
<p><input type="checkbox"/> DIM10 (0-10V 1% Dimming Standard) In order to Control the Color Tuning and dimming option with 0-10V driver you must dedicate two control inputs, one for the Dimming Control and another for CCT Tuning. Can be dimmed and tuned with 2 wall box dimmers and compatible with most control systems and/or daylight harvesting systems.</p> <p><input type="checkbox"/> DIM10-LUTRON Compatible with Lutron GRAFIK Eye QS or GRAFIK Eye 3000 by using two GRX-TVI Lutron 0-10V Dimming interfaces; one to tune and another to control dimming. Also compatible with Lutron VIVE system by using two FCJS-010 PowPak or FCJS-ECO EcoSystem PowPak modules per fixture; one to tune and one to control dimming.</p> 	✓	✓	✓	
<p><input type="checkbox"/> DMX (Available on Elite, LED Engin and Lumenetix platforms) - Compatible with Digital Multiplex Controller, Available with two options: DMX-512: Standard DMX Controller and DMX-RDM: DMX Controller with Remote Device Management.</p>	✓	✓	✓	
<p><input type="checkbox"/> LUTECO Compatible with Lutron EcoSystem. Compatible with Lutron GRAFIK Eye EcoSystem, Lutron Energi Saver node EcoSystem, or Lutron Quantum systems.</p>	✓	N/A	✓	
<p><input type="checkbox"/> BLE - Dimming and CCT can be controlled via Bluetooth using an app, via Smartphones or tablets. Lumenetix (Araya5 Module) platform has a range of 8000K to 1650K (RGBW-LTX-80K-16K). For simple deployment, Lumenetix platform allows up to five scenes to be pre-programmed into the module and recalled at the venue using the Lumenetix App. Commissioning of the module and reprogramming of scenes are done via the wireless Lumenetix App, via Smartphone that connects to the embedded radio control via DMX512-RDM, LUTECO, BLE, DALI, DLM.</p>		N/A	✓	✓
<p><input type="checkbox"/> DALI Compatible with Digital Addressable Lighting Interface, available with two options: DT6 and DT8.</p>	✓	✓	✓	
<p><input type="checkbox"/> DLM The combination of the Blanco 3 with DLM from Legrand Wattstopper enables simple commissioning, synonymous with DLM and the enhanced features and flexibility.</p>	N/A	N/A	✓	