

HTLHD SERIES TAPE LIGHT

24V DC High Output (HD) High Density

High Density (HD) tape light features highly efficient and compact LED chip sets that allow for tighter spacing without sacrificing lumen loss and more precise cutting increments for greater customization with run lengths up to 27 feet.

- High Density (HD) LED spacing in High Output performance
- Available in 2700K, 3000K, 3500K, 4000K, and 5000K
- 90+ color rendering index
- Lumen output ranging from 310Lm to 385Lm per foot
- Cuttable every 1.51" with 27ft max run
- Easy installation featuring 3M VHB adhesive backing
- Available in IP54 coated and IP65 Jacketed
- Dimmable (5-100%) with most ELV, TRIAC dimmers
- cULus Listed for indoor dry/damp locations
- 50,000 hours rated life
- JA8 Compliant
- Suitable for use in closets when used in an enclosed mounting channel and installed in accordance with NFPA 70, NEC section 410.16 (B)(3) and 410.16 (D)(1)(Exception)



HTLHD SERIES QUICK SPECS	
VOLTAGE	24V
WATTAGE	3.65W / ft
LUMENS	Up to 385Lm / ft
CCT OPTIONS	2700K / 3000K / 3500K / 4000K / 5000K
CRI	92+
MAX RUN	27ft
CUTTING POINTS	1.51" (38.4mm)
IP RATING	IP54 - Coated / IP65 Jacketed
DIMMING	TRIAC / ELV (5-100%)
DIMENSIONS	0.39" (10mm) W x 0.06" (1.65mm) H
BEAM ANGLE	120°
OPERATING TEMP	5°C (41°F) to 70°C (158°F)
CERTIFICATIONS	cULus Listed - Dry / Damp Location
RATED LIFE	50,000 Hours

PROJECT:

TYPE:

LOCATION:

CATALOG NUMBER:



HTLHD SERIES IP RATINGS

IP54 (Coated)
Features a light nano-coating applied to the tape light and LED's that protects from moisture and dust.
Best suited: Indoor dry & damp locations

IP65 (Jacketed)*
Features a clear protective silicone jacketing that protects the tape light from sprayed water and dust.
Best suited: Indoor & Outdoor damp & wet locations

*Not suitable for exposure to chemicals or salt.

HTLHD SERIES QUICK LOOK

2216 (90+ CRI) LEDs

0.21" LED Spacing

Cuttable every 1.51"

IP54 & IP65 Ratings

10mm (0.39") Wide

27ft Max Run

HTLHD SERIES ORDERING INFORMATION

Custom Cut Orders - Please Allow Up To 2-4 Weeks Order Processing & Delivery

ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING	MAX RUN
HTLHD-UWW-16	24V	2700K	16.4 ft	310Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD65-UWW-16	24V	2700K	16.4 ft	295Lm / ft	3.65W / ft	IP65	90+	1.51" (38.4mm)	27 ft
HTLHD-UWW-27	24V	2700K	27 ft	310Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-UWW-100	24V	2700K	100 ft	310Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-WW-16	24V	3000K	16.4 ft	335Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD65-WW-16	24V	3000K	16.4 ft	320Lm / ft	3.65W / ft	IP65	90+	1.51" (38.4mm)	27 ft
HTLHD-WW-27	24V	3000K	27 ft	335Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-WW-100	24V	3000K	100 ft	335Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-NW-16	24V	3500K	16.4 ft	355Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD65-NW-16	24V	3500K	16.4 ft	335Lm / ft	3.65W / ft	IP65	90+	1.51" (38.4mm)	27 ft
HTLHD-NW-27	24V	3500K	27 ft	355Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-NW-100	24V	3500K	100 ft	355Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-WH-16	24V	4000K	16.4 ft	385Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD65-WH-16	24V	4000K	16.4 ft	365Lm / ft	3.65W / ft	IP65	90+	1.51" (38.4mm)	27 ft
HTLHD-WH-27	24V	4000K	27 ft	385Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-WH-100	24V	4000K	100 ft	385Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-CW-16	24V	5000K	16.4 ft	370Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD65-CW-16	24V	5000K	16.4 ft	350Lm / ft	3.65W / ft	IP65	90+	1.51" (38.4mm)	27 ft
HTLHD-CW-27	24V	5000K	27 ft	370Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft
HTLHD-CW-100	24V	5000K	100 ft	370Lm / ft	3.65W / ft	IP54	90+	1.51" (38.4mm)	27 ft

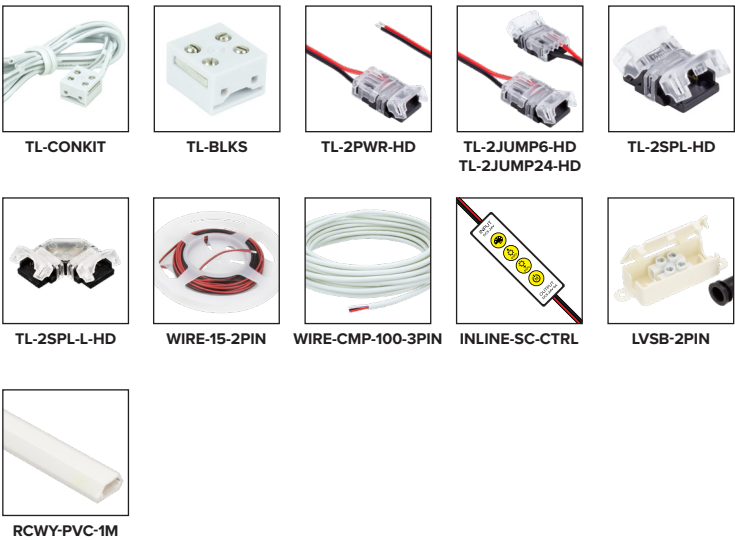
16.4ft Reels (IP54) Include: 6ft lead, 6ft tail, (1) TL-CONKIT, (2) TL-BLKS, (2) TL-2PWR-HD

16.4ft Reels (IP65) Include: 2ft Lead +6" Conkit, 2ft Tail +6" Conkit, (2) TL-2PWR-HD

27ft Reels (IP54) Include: 6ft lead, 6ft tail, (1) TL-CONKIT, (2) TL-BLKS, (2) TL-2PWR-HD

100ft Reels (IP54) Include: 6ft lead, 6ft tail, (1) TL-CONKIT, (3) TL-BLKS, (3) TL-2PWR-HD

HTLHD SERIES ACCESSORIES	
ITEM NUMBER	DESCRIPTION
TL-CONKIT	6' Trulink 4-in-1 Connection Kit
TL-BLKS	Trulink 4-in-1 Connector Block (QTY 10)
TL-2PWR-HD	6' HD Power Feed (IP54)
TL-2JUMP6-HD	6" HD Linking Cable
TL-2JUMP24-HD	24" HD Linking Cable
TL-2SPL-HD	HD Tape to Tape Splice Connector
TL-2SPL-L-HD	90° "L" HD Tape to Tape Splice Connector (IP54)
WIRE-15-2PIN	15ft (20/2) Wire Spool
WIRE-CMP-100-3PIN	100ft (16/3) In-wall Rated Wire Spool
INLINE-SC-CTRL	Simple Select In-line Controller (Single Color)
LVS-B-2PIN	In-Line Splice Terminal Block
RCWY-PVC-1M	1m Plastic Wire Cover Raceway (White)



RECOMMENDED POWER SUPPLIES

Phase Dimming Compatible With Most MLV, ELV, and TRIAC Dimmers

ITEM NUMBER	DESCRIPTION	MAX / MIN LOAD	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMMABLE	DIMENSIONS
ADPT-DRJ-30-24	Adaptive Series 30W	30W / 3W	100-277V AC	24V	Yes*	6.49"L x 3.6"W x 1.02"H
ADPT-DRJ-60-24	Adaptive Series 60W	60W / 6W	100-277V AC	24V	Yes*	7.4"L x 3.6"W x 1.02"H
ADPT-DRJ-96-24	Adaptive Series 96W	96W / 9.6W	100-277V AC	24V	Yes*	8.66"L x 3.6"W x 1.61"H
ADPT-DRJ-192-24	Adaptive Series 192W (2 x 96W)	192W / 19.2W	100-277V AC	24V	Yes*	10.94"L x 4.25"W x 1.8"H
ADPT-DRJ-288-24	Adaptive Series 288W (3 x 96W)	288W / 28.8W	100-277V AC	24V	Yes*	11.85"L x 4.25"W x 1.8"H

HTLHD SERIES CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inch)	Length (Feet)	Segment	Length (MM)	Length (Inch)	Length (Feet)	Segment	Length (MM)	Length (Inch)	Length (Feet)	Segment	Length (MM)	Length (Inch)	Length (Feet)
1	38.4	1.51	0.13	54	2073.6	81.64	6.80	107	4108.8	161.76	13.48	160	6144	241.89	20.16
2	76.8	3.02	0.25	55	2112	83.15	6.93	108	4147.2	163.28	13.61	161	6182.4	243.40	20.28
3	115.2	4.54	0.38	56	2150.4	84.66	7.06	109	4185.6	164.79	13.73	162	6220.8	244.91	20.41
4	153.6	6.05	0.50	57	2188.8	86.17	7.18	110	4224	166.30	13.86	163	6259.2	246.43	20.54
5	192	7.56	0.63	58	2227.2	87.69	7.31	111	4262.4	167.81	13.98	164	6297.6	247.94	20.66
6	230.4	9.07	0.76	59	2265.6	89.20	7.43	112	4300.8	169.32	14.11	165	6336	249.45	20.79
7	268.8	10.58	0.88	60	2304	90.71	7.56	113	4339.2	170.83	14.24	166	6374.4	250.96	20.91
8	307.2	12.09	1.01	61	2342.4	92.22	7.69	114	4377.6	172.35	14.36	167	6412.8	252.47	21.04
9	345.6	13.61	1.13	62	2380.8	93.73	7.81	115	4416	173.86	14.49	168	6451.2	253.98	21.17
10	384	15.12	1.26	63	2419.2	95.24	7.94	116	4454.4	175.37	14.61	169	6489.6	255.50	21.29
11	422.4	16.63	1.39	64	2457.6	96.76	8.06	117	4492.8	176.88	14.74	170	6528	257.01	21.42
12	460.8	18.14	1.51	65	2496	98.27	8.19	118	4531.2	178.39	14.87	171	6566.4	258.52	21.54
13	499.2	19.65	1.64	66	2534.4	99.78	8.31	119	4569.6	179.91	14.99	172	6604.8	260.03	21.67
14	537.6	21.17	1.76	67	2572.8	101.29	8.44	120	4608	181.42	15.12	173	6643.2	261.54	21.80
15	576	22.68	1.89	68	2611.2	102.80	8.57	121	4646.4	182.93	15.24	174	6681.6	263.06	21.92
16	614.4	24.19	2.02	69	2649.6	104.31	8.69	122	4684.8	184.44	15.37	175	6720	264.57	22.05
17	652.8	25.70	2.14	70	2688	105.83	8.82	123	4723.2	185.95	15.50	176	6758.4	266.08	22.17
18	691.2	27.21	2.27	71	2726.4	107.34	8.94	124	4761.6	187.46	15.62	177	6796.8	267.59	22.30
19	729.6	28.72	2.39	72	2764.8	108.85	9.07	125	4800	188.98	15.75	178	6835.2	269.10	22.43
20	768	30.24	2.52	73	2803.2	110.36	9.20	126	4838.4	190.49	15.87	179	6873.6	270.61	22.55
21	806.4	31.75	2.65	74	2841.6	111.87	9.32	127	4876.8	192.00	16.00	180	6912	272.13	22.68
22	844.8	33.26	2.77	75	2880	113.39	9.45	128	4915.2	193.51	16.13	181	6950.4	273.64	22.80
23	883.2	34.77	2.90	76	2918.4	114.90	9.57	129	4953.6	195.02	16.25	182	6988.8	275.15	22.93
24	921.6	36.28	3.02	77	2956.8	116.41	9.70	130	4992	196.54	16.38	183	7027.2	276.66	23.06
25	960	37.80	3.15	78	2995.2	117.92	9.83	131	5030.4	198.05	16.50	184	7065.6	278.17	23.18
26	998.4	39.31	3.28	79	3033.6	119.43	9.95	132	5068.8	199.56	16.63	185	7104	279.69	23.31
27	1036.8	40.82	3.40	80	3072	120.94	10.08	133	5107.2	201.07	16.76	186	7142.4	281.20	23.43
28	1075.2	42.33	3.53	81	3110.4	122.46	10.20	134	5145.6	202.58	16.88	187	7180.8	282.71	23.56
29	1113.6	43.84	3.65	82	3148.8	123.97	10.33	135	5184	204.09	17.01	188	7219.2	284.22	23.69
30	1152	45.35	3.78	83	3187.2	125.48	10.46	136	5222.4	205.61	17.13	189	7257.6	285.73	23.81
31	1190.4	46.87	3.91	84	3225.6	126.99	10.58	137	5260.8	207.12	17.26	190	7296	287.24	23.94
32	1228.8	48.38	4.03	85	3264	128.50	10.71	138	5299.2	208.63	17.39	191	7334.4	288.76	24.06
33	1267.2	49.89	4.16	86	3302.4	130.02	10.83	139	5337.6	210.14	17.51	192	7372.8	290.27	24.19
34	1305.6	51.40	4.28	87	3340.8	131.53	10.96	140	5376	211.65	17.64	193	7411.2	291.78	24.31
35	1344	52.91	4.41	88	3379.2	133.04	11.09	141	5414.4	213.17	17.76	194	7449.6	293.29	24.44
36	1382.4	54.43	4.54	89	3417.6	134.55	11.21	142	5452.8	214.68	17.89	195	7488	294.80	24.57
37	1420.8	55.94	4.66	90	3456	136.06	11.34	143	5491.2	216.19	18.02	196	7526.4	296.31	24.69
38	1459.2	57.45	4.79	91	3494.4	137.57	11.46	144	5529.6	217.70	18.14	197	7564.8	297.83	24.82
39	1497.6	58.96	4.91	92	3532.8	139.09	11.59	145	5568	219.21	18.27	198	7603.2	299.34	24.94
40	1536	60.47	5.04	93	3571.2	140.60	11.72	146	5606.4	220.72	18.39	199	7641.6	300.85	25.07
41	1574.4	61.98	5.17	94	3609.6	142.11	11.84	147	5644.8	222.24	18.52	200	7680	302.36	25.20
42	1612.8	63.50	5.29	95	3648	143.62	11.97	148	5683.2	223.75	18.65	201	7718.4	303.87	25.32
43	1651.2	65.01	5.42	96	3686.4	145.13	12.09	149	5721.6	225.26	18.77	202	7756.8	305.39	25.45
44	1689.6	66.52	5.54	97	3724.8	146.65	12.22	150	5760	226.77	18.90	203	7795.2	306.90	25.57
45	1728	68.03	5.67	98	3763.2	148.16	12.35	151	5798.4	228.28	19.02	204	7833.6	308.41	25.70
46	1766.4	69.54	5.80	99	3801.6	149.67	12.47	152	5836.8	229.80	19.15	205	7872	309.92	25.83
47	1804.8	71.06	5.92	100	3840	151.18	12.60	153	5875.2	231.31	19.28	206	7910.4	311.43	25.95
48	1843.2	72.57	6.05	101	3878.4	152.69	12.72	154	5913.6	232.82	19.40	207	7948.8	312.94	26.08
49	1881.6	74.08	6.17	102	3916.8	154.20	12.85	155	5952	234.33	19.53	208	7987.2	314.46	26.20
50	1920	75.59	6.30	103	3955.2	155.72	12.98	156	5990.4	235.84	19.65	209	8025.6	315.97	26.33
51	1958.4	77.10	6.43	104	3993.6	157.23	13.10	157	6028.8	237.35	19.78	210	8064	317.48	26.46
52	1996.8	78.61	6.55	105	4032	158.74	13.23	158	6067.2	238.87	19.91	211	8102.4	318.99	26.58
53	2035.2	80.13	6.68	106	4070.4	160.25	13.35	159	6105.6	240.38	20.03	212	8140.8	320.50	26.71

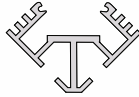
COMPATIBLE MOUNTING CHANNELS 10mm



ECONOMY

EE1-AAFR

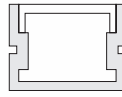
Dimensions: 5/8" (16mm) W
x 1/4" (7mm) H



ECONOMY 45

EE45-AAFR

Dimensions: 3/4" (19mm) W
x 3/4" (19mm) H



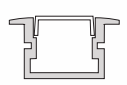
UNIVERSAL

PE-AA2 / PE-UNV
Dimensions: 16/25" (16mm) W
x 47/100" (12mm) H



UNIVERSAL MINI

PE-AA1 / PE-UNV MINI
Dimensions: 19/32" (15mm) W
x 1/4" (6mm) H



DOUBLE FLANGE

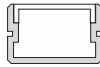
PE-AA2DF
Dimensions: 5/8" (16mm) W
x 7/16" (11mm) H



MINI DOUBLE FLANGE

PE-AA1DF

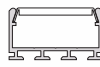
Dimensions: 19/32" (15mm) W
x 5/32" (4mm) H



GT

PE-GT

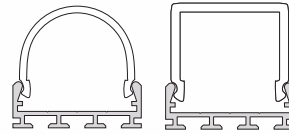
Dimensions: 3/4" (19mm) W
x 1/2" (12mm) H



GTX

PE-GTX

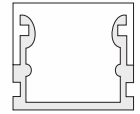
Dimensions: 1" (26mm) W
x 9/16" (14.5mm) H



TURBO

PE-TURBO2

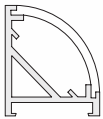
Dimensions: 1" (26mm) W x 1" (25mm) H



TRACE

PE-TRACE

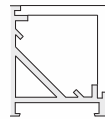
Dimensions: 13/16" (21mm) W
x 13/16" (21mm) H



RADIUS

PE-RAD

Dimensions: 25/32" (20mm) W
x 29/32" (23mm) H



RUBIK

PE-RUBIK

Dimensions: 29/32" (23mm) W
x 25/32" (20mm) H



STANT

PE-SSTANT

Dimensions: 1-3/16" (30mm) W
x 1/4" (7mm) H



TRIPLE STANT

PE-3STANT

Dimensions: 2-11/32" (59mm) W
x 3/8" (9mm) H



DYAD

PE-DYAD

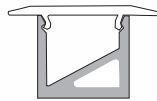
Dimensions: 1.35" (34.2mm) W
x 0.47" (12mm) H



CAMBER

PE-CMBR

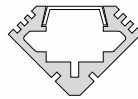
Dimensions: 0.71" (18mm) W x
0.23" (5.7mm) H



BEVEL 28

PE-B28

Dimensions: .47" (12mm) W
x .47" (12mm) H



PREMIUM 45

PE-AA45

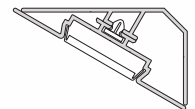
Dimensions: 3/4" (19mm) W
x 3/4" (19mm) H



PRO 45

PE-PRO45

Dimensions: 1-3/16" (30mm) W
x 7/16" (10mm) H



PRO 30

PE-PRO30

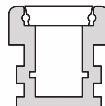
Dimensions: 1-13/16" (46mm) W
x 1-1/16" (27mm) H



HELM

PE-HELM

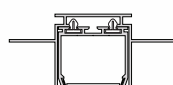
Dimensions: 13/16" (20mm) W
x 11/32" (8.5mm) H



PAVER

PE-PAVER

Dimensions: 1" (26mm) W
x 1" (26mm) H



MINI FLANGE SLOT

PE-SLOT

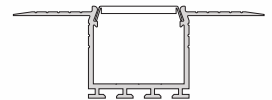
Dimensions: 1-3/16" (30mm) W
x 15/16" (24mm) H



STANDARD FLANGE SLOT

PE-DFSLOT

Dimensions: 1" (25mm) W
x 15/16" (24mm) H



INVISIBLE SLOT

PE-INVSLT

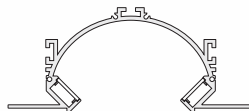
Dimensions: 1-1/16" (27mm) W
x 15/16" (24mm) H



VERGE

PE-VERGE

Dimensions: 4.85" (123.83mm) W
x 25/64" (10mm) H



ARC

PE-ARC

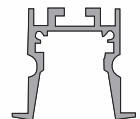
Dimensions: 4-13/16" (122.4mm) W
x 2" (50.8mm) H



SCOOP WW

PE-SWW

Dimensions: .54" (13.59mm) W
x 3.79" (96mm) H



REGAL REGRESS

PE-REG

Dimensions: 1.16" (29.49mm) W
x 1.03" (26.25mm) H



STRUT:

PE-STRUT

Dimensions: 5/8" (15.5mm) W
x 1-3/8" (29.89mm) H

NOTES ON CLOSET LIGHTING

Closet Lighting | NEC 410.16 | Brief Overview

Please see 2026 NFPA NEC Code Book Section 41.16 for details code requirements

Do Closets Need Lighting?

- Not required by the NEC Code
- If installed, lighting must comply with NEC 410.1

Why Closet Lighting Is Regulated

- Clothing, fabric, and paper materials can be combustible
- Tight spaces increase fire risk
- Rules protect people and property
-

Approved Fixture Types

- Surface-mounted or recessed LED or incandescent
- Light source must be fully enclosed
- Fluorescent fixtures allowed
- Fixtures labeled for closet use are preferred
- Open or partially exposed bulbs are not allowed including pendants

What Counts as "Storage Space"?

- From floor to 6ft high or highest hanging rod
 - 24in out from side and back walls
 - Above shelves, up to ceiling within 12in of wall or shelf depth
 - 12in on each side of double-sided hanging rods
- Fixtures must stay outside this space unless specifically rated.

Minimum Clearance Requirements

From storage space:

- 12 in → Surface-mounted enclosed LED/incandescent
- 6 in → Recessed enclosed LED/incandescent

Benefits of Surface-Mounted vs. Recessed

Surface-Mounted

- Easy install
- Ideal for shallow closets
- Flexible placement

Recessed

- Clean, modern look
- No protrusions
- Requires wall/ceiling depth

Wiring & Controls

- Wiring must meet NEC standards
- Conductors must be protected
- Light switch should be near the entrance

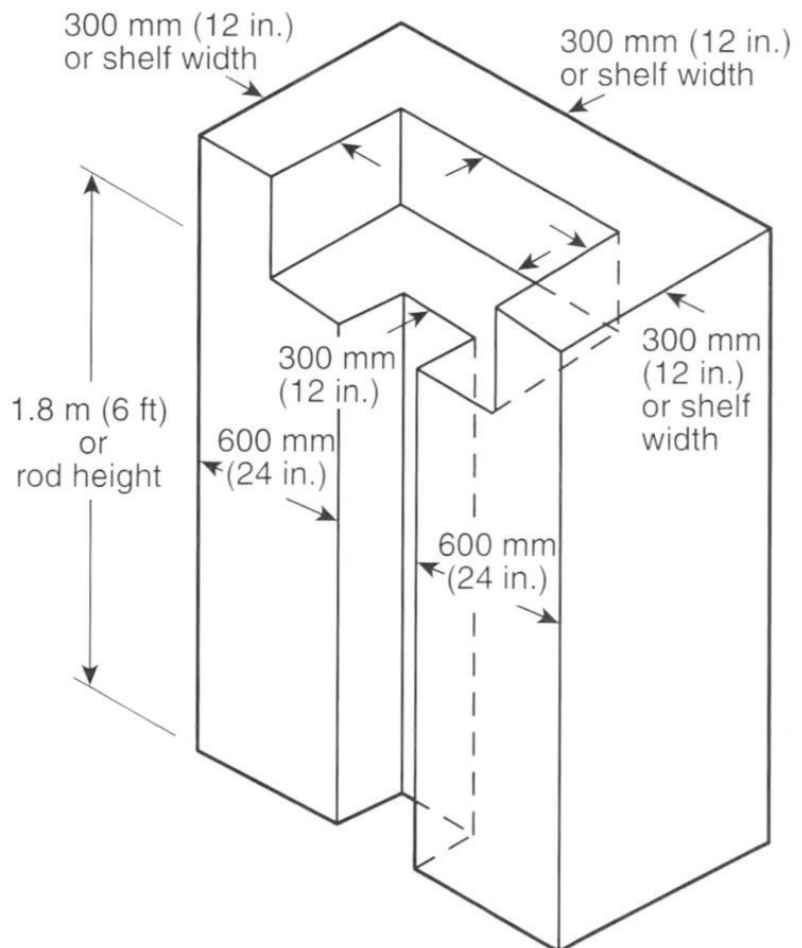
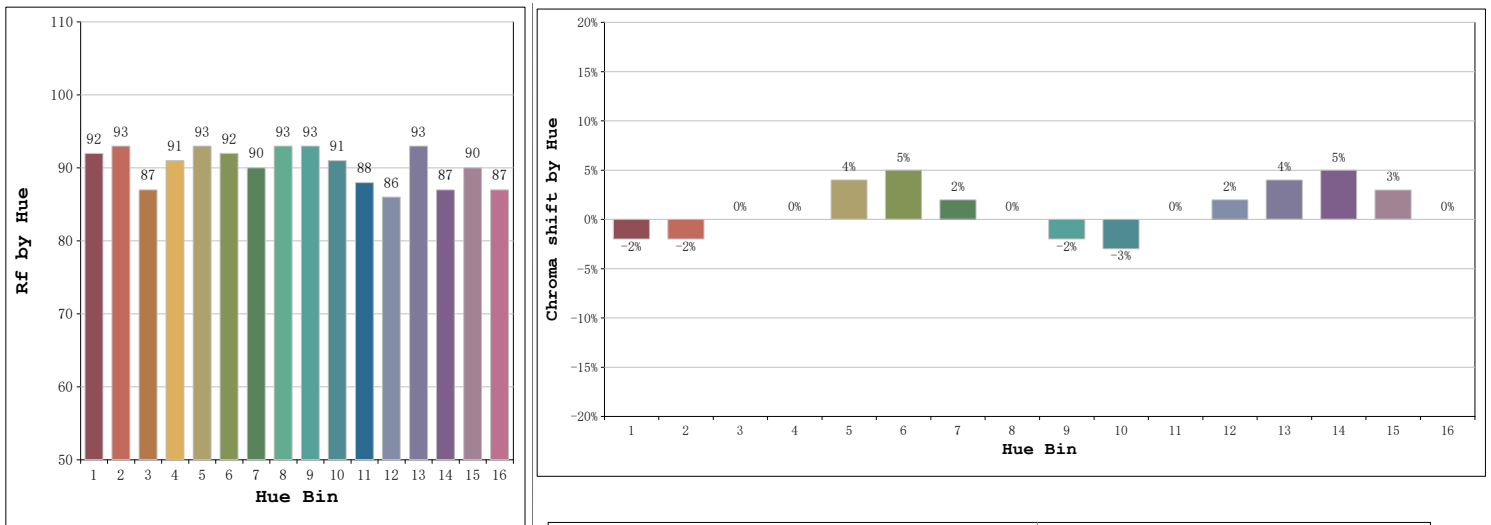
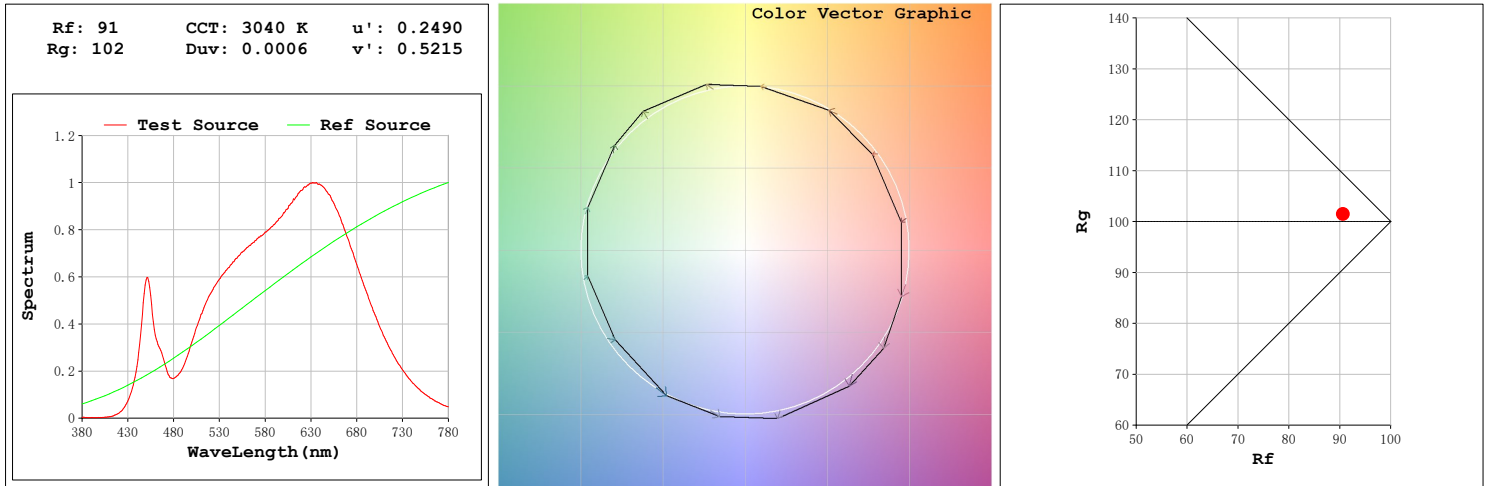


FIGURE 410.16(A) Clothes Closet Storage Space.

HTLHD SERIES TM-30 DATA - 3000K



Hue Bin	Hue Angle	Rf	Graphic shift(%)	
			Chroma	Hue
1	0.0° - 22.5°	92	-2	0
2	22.5° - 45.0°	93	-2	2
3	45.0° - 67.5°	87	0	6
4	67.5° - 90.0°	91	0	4
5	90.0° - 112.5°	93	4	4
6	112.5° - 135.0°	92	5	0
7	135.0° - 157.5°	90	2	-4
8	157.5° - 180.0°	93	0	-3
9	180.0° - 202.5°	93	-2	-1
10	202.5° - 225.0°	91	-3	3
11	225.0° - 247.5°	88	0	8
12	247.5° - 270.0°	86	2	6
13	270.0° - 292.5°	93	4	-1
14	292.5° - 315.0°	87	5	-5
15	315.0° - 337.5°	90	3	-5
16	337.5° - 360.0°	87	0	-7



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 5 YEARS

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point at which 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.

Warranty life based on average 8 hours/day use, 7 days/week. Product should be cycled off for at least 6 hours per day.

SAFETY

You must disconnect lighting products from the power supply before servicing or replacing bulbs. Only qualified personnel should install and perform service on lighting products. Periodic inspection and maintenance is required to keep equipment operating properly and at peak performance. Do not mount fixtures on or adjacent to combustible materials.

Lighting products may present a possible shock or fire hazard if improperly installed or attached in any way. Products should always be installed in accordance with their instruction manuals, current electrical codes, and/or the current National Electric Code (NEC). Code compliance is the sole responsibility of the person, company, or party performing the installation of product. Failure to comply with national and/or regional safety codes may result in hazardous or dangerous conditions, damage to property or life, and/or altered product performance/specifications.

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed on the reverse by product category. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for any product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty. Limited Product Warranty applies to lengths up to 75 feet for rope light products.

STANDARD LINEAR WARRANTY

Rope light and linear lighting products in all their various types and shapes, whether LED or incandescent, are wired in series parallel. This means that several individual lamps or LEDs are wired together in series to equal 12V, 24V or 120V. Then these sections are wired together (in parallel) to light up in unison. If one solder joint, lamp or resistor fails, a whole section will not light. Due to the number of elements involved, and the numerous extenuating circumstances beyond our control, American Lighting Inc offers a Standard Linear Warranty on most linear lighting products. The limited liability warranty is listed above, however the Standard Linear Warranty offers replacement product by section due to defective material and/or workmanship for one year beginning from the date of shipment from American Lighting Inc's warehouse to the original purchaser.

USE OF LINEAR LIGHTING IN OUTDOOR APPLICATIONS

Incandescent rope light and LED Flexbrite UL 2388 custom cuts; incandescent and LED Flexbrite pre-packaged kits; and UL Listed (special order) cuts of LED Neon Flexbrite Plus and Economy have factory assembled power connections and end caps that seal the rope from moisture. Due to strict quality control standards, American Lighting is able to offer a limited warranty on these items rather than the standard linear lighting warranty that replaces product by defective section only. For outdoor applications, best practices include using kits interconnected (same length kits are best for color control of White LED Flexbrite) or using custom cuts that do not exceed 75 feet.

For all linear lighting categories, any non-rated field connection made in an outdoor application should be properly sealed with dielectric grease covering all conductive materials; and properly installed power connections and end caps, sealed with dielectric grease, silicone, and heat shrink tube. However, since non-rated (field executed) power connections of linear lighting products cannot be quality controlled, and outdoor use of non-rated product is not recommended, American Lighting cannot warrant the product to any purchaser.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% additional product for a project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.