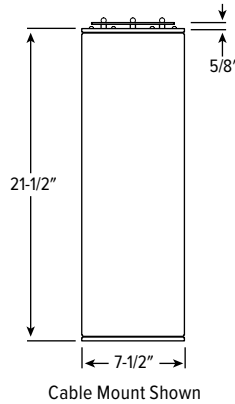


# LC7UD LED 7.5" Up/Down Cylinder



CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- Available in six standard finishes for high-end design
- Unique mounting options – cable, wall and hub
- Fixture internals remove as one unit for easy installation and maintenance
- All-aluminum cylinder components dissipate heat for cooler operation
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING** – Extruded aluminum.
- FINISH** – Polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- SHIELDING** – Frosted acrylic (cable or hub mount) or clear acrylic (wall mount); .125" thick (uplight only).
- ELECTRICAL** – High quality class 2 C.O.B. LED array. Reported L70 >55,000 hours.
- MOUNTING** – Suspended or wall mount. Indoor applications only.
- LISTINGS** –
  - cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
- WARRANTY** – 5-year limited fixture warranty, see [hew.com/warranty](http://hew.com/warranty).

**ORDERING EXAMPLE:** LC7UD - L53CU/L53CD/840 - WHT - CS / WU/WD - OPTIONS - CM - DRV - UNV

## ORDERING INFO

SERIES	LUMEN PACKAGE (EXAMPLE L53CU/L53CD/835)			
LC7UD	Specify lumen packages: <b>U</b> for Uplight and <b>D</b> for Downlight			
	LUMENS <sup>(1)</sup>	U OR D	CRI	CCT
L12C	1,200lm	U Uplight	8 80	27 2700K
L16C	1,600lm	D Downlight	9 90 <sup>(2)</sup>	30 3000K
L20C	2,000lm			35 3500K
L30C	3,000lm			40 4000K
L35C	3,500lm			
L43C	4,300lm			
L53C	5,300lm			

HOUSING FINISH <sup>(3)</sup>	REFLECTOR FINISH	DISTRIBUTION
<b>ALUM</b> Satin silver aluminum	<b>CS</b> Clear semi-specular (standard)	Specify distribution: <b>U</b> for Uplight and <b>D</b> for Downlight
<b>BLK</b> Textured black	<b>CG</b> Champagne gold	<b>M_</b> Medium <sup>(4)</sup>
<b>BRZ</b> Textured bronze	<b>GD</b> Gold	<b>W_</b> Wide
<b>NKL</b> Textured nickel	<b>PW</b> Pewter	
<b>SLV</b> Textured silver	<b>SG</b> Satin-glow	
<b>WHT</b> Textured white	<b>SPC</b> Clear specular	
	<b>STR</b> Straw	
	<b>WT</b> Wheat	
	<b>WH</b> Painted white reflector, textured	

OPTIONS <sup>(5)</sup>	MOUNTING <sup>(6)</sup>	DRIVER <sup>(7)</sup>	VOLTAGE
<b>LAD</b> Acrylic luminous disk	<b>WM</b> Wall mount	<b>DRV</b> Non-dimming driver <sup>(10)</sup>	<b>120</b> 120V
<b>LADO</b> Acrylic luminous disk open	<b>CM__</b> Adjustable aircraft cable mount, 24" length standard <sup>(8)</sup>	<b>DIM</b> Dimming driver <sup>(11)</sup>	<b>277</b> 277V
<b>LAR</b> Acrylic luminous ring	Example: 24" cable = <b>CM24</b>		<b>UNV</b> 120-277V
	<b>HM__</b> Hub mounting <sup>(9)</sup>		
	Example: 3" arm = <b>HM03</b>		

## NOTES

- Lumen output based on CS/WD, 3500K/80 CRI from WM fixture. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA. Additional lumen package available, see options
- Extended lead times may apply. Consult factory for availability.
- See page 4 for FINISH OPTIONS.
- Not available for uplight when using CM or HM mounting
- EM battery not available. See page 4 for OPTIONS DETAILS.
- See page 3 for MOUNTING DETAILS.
- See page 3 for ADDITIONAL DRIVER OPTIONS.
- 48" and 96" lengths available. Canopy painted white unless specified otherwise. Must specify cord.
- Specify length of arm (2"-6"). Hub ordered separately. See page 4 for CYLINDER HUB CONFIGURATIONS.
- Fixture prewired with capability to switch up and down separately or together. Requires 4 conductor cord.
- Fixture prewired to switch and dim up and down together. Requires 5 conductor cord.



# LC7UD LED 7.5" Up/Down Cylinder

## FIXTURE PERFORMANCE DATA

	DISTRIBUTION	CABLE MOUNT			WALL MOUNT			HUB MOUNT			WATTAGE
		DELIVERED LUMENS		EFFICACY (lm/W)	DELIVERED LUMENS		EFFICACY (lm/W)	DELIVERED LUMENS		EFFICACY (lm/W)	
		UP	DOWN		UP	DOWN		UP	DOWN		
L12C	W	1137	1220	81	958	1242	76	803	1191	69	15
	M	-	1152	79	911	1177	72	-	1126	67	
L16C	W	1202	1575	75	1237	1604	77	1037	1538	70	19
	M	-	1488	73	1176	1520	73	-	1454	67	
L20C	W	1629	1964	71	1526	2006	69	1293	1919	63	26
	M	-	1856	68	1467	1896	66	-	1814	61	
L30C	W	2431	2907	75	2259	2969	74	1914	2841	67	36
	M	-	2748	73	2172	2807	70	-	2686	65	
L35C	W	3084	3452	85	2682	3525	81	2273	3374	73	39
	M	-	3262	82	2578	3332	77	-	3189	71	
L43C	W	3464	4169	76	3239	4257	74	2746	4074	68	51
	M	-	3939	73	3061	4023	70	-	3850	65	
L53C	W	3835	5200	71	4040	5310	74	3425	5082	67	64
	M	-	4914	69	3818	5019	70	-	4803	65	

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on CS/WD, 3500K/80 CRI from WM fixture, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

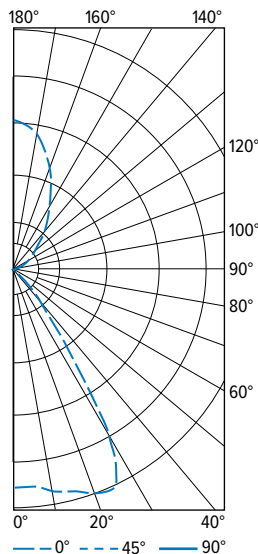
## MULTIPLIER TABLES

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
	80 CRI	2700K
3000K		0.96
3500K		1.00
4000K		1.01
90 CRI	2700K	0.74
	3000K	0.85
	3500K	0.90
	4000K	0.91

REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
SPC	Clear specular	1.02
CG	Champagne Gold	0.96
GD	Gold	0.93
PW	Pewter	0.86
STR	Straw	0.97
WH	White, textured	0.90
WT	Wheat	0.88

## PHOTOMETRY

LC7UD-L53CU/L53CD/840-WHT-CS/WU/WD-CM-DRV-UNV Report #: 19464.0; 08/25/16 | Total Luminaire Output: 9035 lumens; 126.8 Watts | Efficacy: 71.2 lm/W | 82 CRI; 4021K CCT



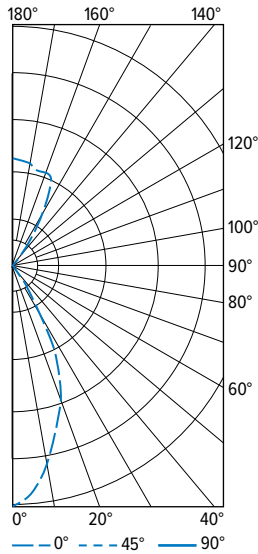
VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
	AVERAGE CANDELA	
0	4364	
5	4379	418
15	4608	1306.1
25	4772	2208.9
35	1559	979.4
45	219	169.7
55	30	27.1
65	21	20.9
75	28	29.8
85	37	39.9
90	22	
95	23	25.6
105	104	109.6
115	234	232
125	427	382.7
135	713	551.9
145	1165	731.8
155	1797	831.8
165	2450	694.4
175	2882	275.2
185	2970	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	3933	43.5
	0 - 40	4912	54.4
	0 - 60	5109	56.6
	0 - 90	5200	57.6
	90 - 120	367	4.1
	90 - 150	2034	22.5
	90 - 180	3835	42.4
	0 - 180	9035	100



# LC7UD LED 7.5" Up/Down Cylinder

LC7UD-L53CU/L53CD/840-WHT-CS/WU/MD-WM Report #: 19466.0; 08/29/16 | Total Luminaire Output: 9058 lumens; 126.6 Watts | Efficacy: 71.6 lm/W | 81.7 CRI; 3984K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
	AVERAGE CANDELA	
0	9112	
5	8650	825.7
15	6376	1807.4
25	3921	1815.1
35	693	435.3
45	107	82.9
55	31	27.8
65	15	15
75	6	6.8
85	2	2.7
90	2	
95	5	5.7
105	10	11.1
115	20	20.2
125	56	50.1
135	241	186.9
145	1031	647.5
155	3614	1672.8
165	3757	1065.1
175	3985	380.4
185	4065	

ZONE	LUMENS	% FIXTURE
0 - 30	4448	49.1
0 - 40	4884	53.9
0 - 60	4994	55.1
0 - 90	5019	55.4
90 - 120	37	0.4
90 - 150	921	10.2
90 - 180	4040	44.6
0 - 180	9058	100

## ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (Must specify 120V or 277V only)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
LDE5	Lutron 5-Series 5% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

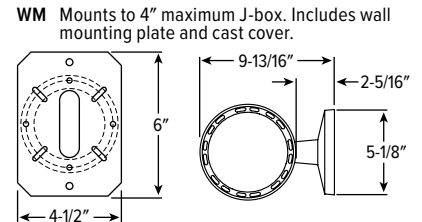
## MOUNTING DETAILS

### CABLE MOUNT (CM\_)



- CM\_ Cable mount fixtures are provided with:**
- Adjustable length aircraft cable, must specify length in inches.
  - White cord, No. 18 AWG.
  - One 5" canopy.
  - T-bar clip with 1/4-20 stud.
  - Hard ceiling anchor provided by others.
  - See [instruction sheet](#) for more information.

### WALL MOUNT (WM)



### CORD OPTIONS

Must specify cord when cable mounting.

EXAMPLE: S2438/W				
CORD TYPE	LENGTH	# OF CONDUCTORS	WIRE SIZE	COLOR
S = Straight	24 24"	4 4	8 18-gauge	/B Black
	48 48"	5 5		/W White
	96 96"			

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## CYLINDER HUB CONFIGURATIONS

Fixtures ordered separately, must specify HM mounting option. Additional configurations available, consult factory.

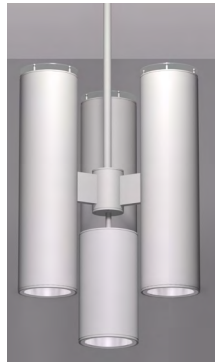
CH3P



CH3H



CH3P



(with CPM Option)

### ORDERING INFORMATION

ORDERING EXAMPLE: CH3P - PM36 - OPTIONS - WHT

#### HUB STYLE

**CH3H/UD** 3 cylinder helical hub, 5" pitch

**CH3P** 3 cylinder planar hub

#### MOUNTING

**PM\_\_** Pendant mount with 3/4" stem and 15° swivel canopy (specify stem length in 1" increments, 36" minimum)  
Example: 36" pendant stem = **PM36**.

#### OPTIONS

**CPM** Center cylinder hub mounting (cylinder ordered separately)

#### FINISH

**ALUM** Satin silver aluminum  
**BLK** Textured black  
**BRZ** Textured bronze  
**NKL** Textured nickel  
**SLV** Textured silver  
**WHT** Textured white

## OPTIONS DETAILS

LAD



LADO



LAR



## FINISH OPTIONS

WHITE

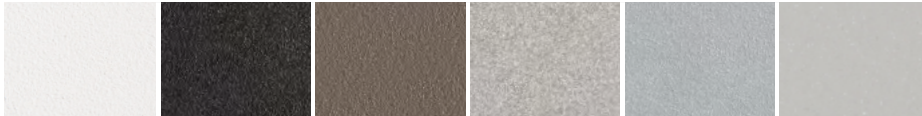
BLACK

BRONZE

NICKEL

SILVER

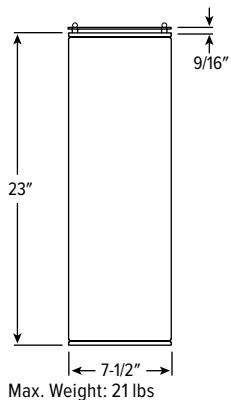
ALUMINUM



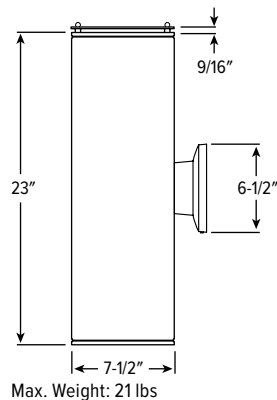
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

## CROSS SECTIONS

HUB MOUNT



WALL MOUNT



CABLE MOUNT

