

7.5" UP/DOWN CYLINDER

LC7UD

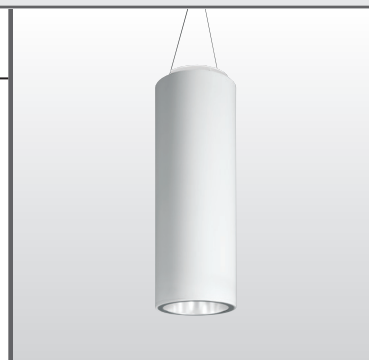
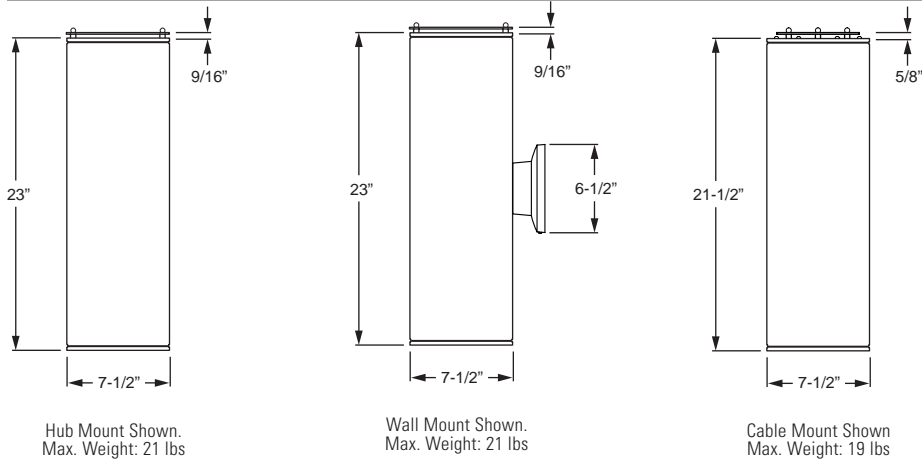
LED

CATALOG #:	TYPE:
PROJECT:	NOTES:

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

SERIES LUMENS UPLIGHT LUMENS DOWNLIGHT CRI & CCT HOUSING FINISH REFLECTOR COLOR UPLIGHT DIST. DOWNLIGHT DIST. OPTIONS MOUNTING DRIVER VOLTAGE

CROSS SECTION



FEATURES

- ▶ Self-flanged aluminum reflector prevents light leaks and is available in assorted colors.
- ▶ Available in six standard colors.
- ▶ Custom colors available.
- ▶ Cylinder hub accessory provides limitless design options.
- ▶ All-aluminum cylinder components dissipate heat for cooler operation.
- ▶ This fixture is proudly made in the USA.

ORDERING INFORMATION

SERIES

LC7UD 7.5" Up/Down LED Cylinder

LED PACKAGE

Specify LED package, **U** for Uplight and **D** for Downlight.

NOTE: Nominal lumens and wattage based on downlight distribution CS/WD from wall mount (WM) fixture. Actual lumens may vary +/-5%, see fixture performance data.

EXAMPLE: L53CU/L53CD				MINIMUM	
LUMEN PACKAGE	NOMINAL LUMENS	UP OR DOWN LIGHT	AVERAGE SYSTEM WATTAGE	CRI	CCT
L12C	1200	U = Up D = Down	15	8 = 80 9 = 90	27=2700K 30=3000K 35=3500K 40=4000K
L16C	1600		19		
L20C	2000		26		
L30C	3000		36		
L35C	3500		39		
L43C	4300		51		
L53C	5300	64			

HOUSING FINISH

For custom color options, visit the LC7UD at www.hew.com.¹

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

REFLECTOR COLOR

CS	Clear semi-specular (standard)
CG	Champagne gold
GD	Gold
PW	Pewter
SG	Satin-glow
SPC	Clear specular
STR	Straw
WT	Wheat
WH	Painted white reflector, textured

DISTRIBUTION

Specify distribution, **U** for Uplight and **D** for Downlight.

M _	Medium (not available for uplight when using CM or HM mounting)
W _	Wide

OPTIONS

EM drivers not available.

LAD	Acrylic luminous disk (downlight only)
LADO	Acrylic luminous disk open (downlight only)
LAR	Acrylic luminous ring (downlight only)

MOUNTING

See page 3 for cord options and mounting details.

CM__ Adjustable aircraft cable mount, 24" length standard (48" and 96" lengths available). Canopy painted white unless specified otherwise. Must specify cord, see page 3.

Example: 24" cable = **CM24**

WM Wall mount
HM__ Hub mounting, specify length of arm (2"-6"). Hub ordered separately, see page 3 for details.

DRIVER

Additional dimming drivers available, see [Technical Info](#).

DRV Driver prewired for non-dimming applications. Fixture prewired with capability to switch up and down separately or together (requires 4 conductor cord).

DIM 10% dimming driver prewired for 0-10V low voltage applications. Fixture prewired to switch and dim up and down together (requires 5 conductor cord).

VOLTAGE

120	120V
277	277V
UNV	120-277V

¹ For custom colors other than RAL, manufacturers' code plus two swatches (minimum 1" square) required.



LC7UD

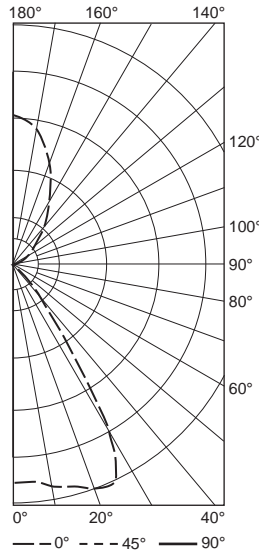
7.5" UP/DOWN CYLINDER

LED

PHOTOMETRY

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.
Labels – 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.

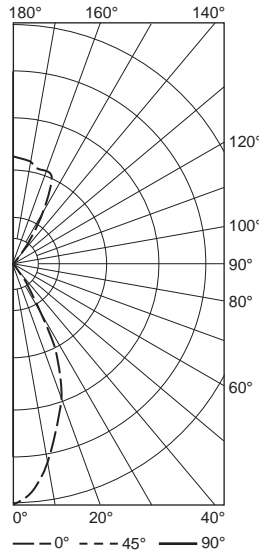


Vertical Angle	Horizontal Angle		Zonal Lumens
	Average Candela		
0	4364		
5	4379		418.0
15	4608		1306.1
25	4772		2208.9
35	1559		979.4
45	219		169.7
55	30		27.1
65	21		20.9
75	28		29.8
85	37		39.9
90	22		
95	23		25.6
105	104		109.6
115	234		232.0
125	427		382.7
135	713		551.9
145	1165		731.8
155	1797		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	100.0

REFLECTOR FINISH MULTIPLIER		
Catalog Number	Reflector Finish	Conversion Factor
CS	Clear semi-specular	-
SPC	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

LC7UD-L53CU/L53CD/840-WHT-CS/WU/MD-WM-DRV-UNV Report #: 19466.0; 08/29/16
 Total Luminaire Output: 9058 lumens; 126.6 Watts | Efficacy: 71.6 lm/W | 81.7 CRI; 3984K CCT | IES Spacing Criteria: Adj.: .7, Diag.: .5



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		15.0
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		

LUMEN SUMMARY	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	.4
	90 - 150	921	10.2
	90 - 180	4040	44.6
	0 - 180	9058	100.0

COLOR TEMPERATURE MULTIPLIER	
CCT/CRI	Conversion Factor
2700K/80CRI	0.94
3000K/80CRI	0.95
3500K/80CRI	0.99
4000K/80CRI	1.00
2700K/90CRI	0.73
3000K/90CRI	0.84
3500K/90CRI	0.89
4000K/90CRI	0.90

- 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 scaled based on relative CCT output.

FIXTURE PERFORMANCE DATA

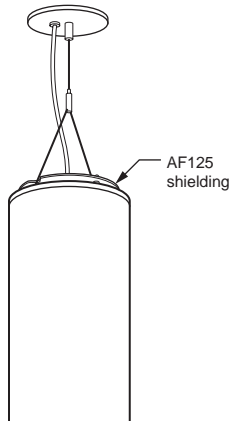
LED PACKAGE	DIST.	CABLE MOUNT			WALL MOUNT			HUB MOUNT		
		DELIVERED LUMENS		EFFICACY (lm/W)	DELIVERED LUMENS		EFFICACY (lm/W)	DELIVERED LUMENS		EFFICACY (lm/W)
		UP	DOWN		UP	DOWN		UP	DOWN	
L12C/840	W	1137	1220	81	958	1242	76	803	1191	69
	M	-	1152	79	911	1177	72	-	1126	67
L16C/840	W	1202	1575	75	1237	1604	77	1037	1538	70
	M	-	1488	73	1176	1520	73	-	1454	67
L20C/840	W	1629	1964	71	1526	2006	69	1293	1919	63
	M	-	1856	68	1467	1896	66	-	1814	61
L30C/840	W	2431	2907	75	2259	2969	74	1914	2841	67
	M	-	2748	73	2172	2807	70	-	2686	65
L35C/840	W	3084	3452	85	2682	3525	81	2273	3374	73
	M	-	3262	82	2578	3332	77	-	3189	71
L43C/840	W	3464	4169	76	3239	4257	74	2746	4074	68
	M	-	3939	73	3061	4023	70	-	3850	65
L53C/840	W	3835	5200	71	4040	5310	74	3425	5082	67
	M	-	4914	69	3818	5019	70	-	4803	65

MOUNTING DETAILS

CABLE MOUNT (CM_)

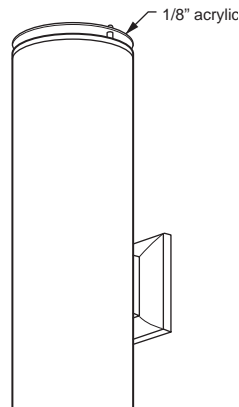
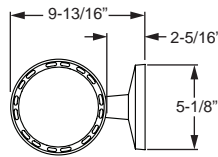
Cable mount fixtures are provided with:

- 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)

Mounts to 4" maximum J-box. Includes wall mounting plate and cast cover.



CORD OPTIONS

Must specify cord with cable mounting.

EXAMPLE: S2438/W

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

CYLINDER HUB CONFIGURATIONS

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



ORDERING INFORMATION

EXAMPLE **CH3P** - **PM36** - **OPTIONS** - **WHT**

HUB STYLE MOUNTING OPTIONS FINISH

HUB STYLE

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

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, LC6 or LC7 only)

FINISH

For custom color options, visit the LC7UD at www.hew.com.¹

ALUM Satin silver aluminum

BLK Textured black

BRZ Textured bronze

NKL Textured nickel

SLV Textured silver

WHT Textured white

¹ For custom colors other than RAL, manufacturers' code plus two swatches (minimum 1" square) required.

