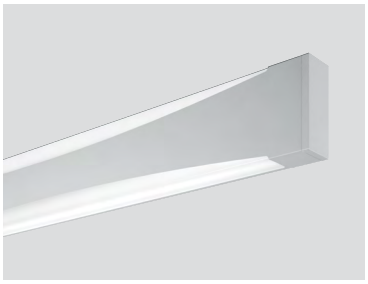
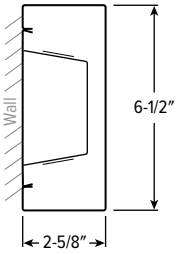
CW LED Contour Wall





CATALOG #:

TYPE:

PROJECT:

FEATURES

- Contoured architectural form designed to bring comfort, versatility, and thoughtful functionality to nurse stations, vanities, and corridors
- Slim, ADA-compliant profile
- Direct and indirect lighting with closed top or bottom options available
- Tamper-resistant screws are provided for vandal-prone areas
- Create a consistent look throughout the healthcare setting with the Contour Medical Series, see hew.com/contour-family
- Six standard finish options and a wide selection of custom colors complement architectural elements
- Support human-centric design with adaptive, individualized lighting using tunable white light, consult factory
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 20-gauge die-formed, welded C.R.S. with die-cast aluminum end caps. Tamper-resistant Torx Pin screws and (1) tamper-resistant tool provided.
- SHIELDING – Diffuse matte acrylic, .080" thick.
- FINISH – Highly reflective non-glare matte white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. L70 >72,000 hours per IES TM-21. 50/60 Hz constant current driver.
- MOUNTING – Wall mounts over horizontal junction box, flush to wall.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - ADA compliant
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: CW - 4 - L50/835 - DMA - WHT - OPTIONS - DIM - UNV

SERIES	LENGTH	LUMENS [1]	CRI	CCT	SHIELDING
CW	**2** 2′	**2′**	**8** 80	**27** 2700K	**DMA** Diffuse matte acrylic, .080" thick
	3 3′	**L25** 2,500lm	**9** 90	**30** 3000K	
	4 4′	**L38** 3,800lm		**35** 3500K	
		L50 5,000lm		**40** 4000K	
		3′		**50** 5000K	
		L38 3,800lm			
		L56 5,600lm			
		L75 7,500lm			
		4′			
		L50 5,000lm			
		L75 7,500lm			
		L100 10,000lm			

FINISH OPTIONS [2]

WHT	White
BLK	Black (RAL #9011)
BRZ	Bronze (RAL #7022)
NKL	Nickel
SLV	Silver
ALUM	Silver sparkle
RAL#____	Custom color [3]

OPTIONS

EM/10W	10-watt emergency battery [4]
EM/10WRM	Remote mount 10-watt emergency battery
(L__)	Additional lower lumen packages available [5] Example: 8,000 lumens = CW-4-L100/835-**(L80)**
CT	Closed top, downlight only [6]
CB	Closed bottom, uplight only [7]

DRIVER [8]

DIM	Driver with external 0-10V dimming wires
DIM1	1% Driver with external 0-10V dimming wires
DRV	Driver without external dimming wires
DIM LINE	Line voltage dimming driver [9]

VOLTAGE

120	120V
277	277V
UNV	120-277V
347	347V [10]

NOTES

1. Lumen output based on 80 CRI/3500K CCT. Actual performance may vary +/-5%. Additional lumen packages available, see Options.
2. See page 2 for FINISH OPTIONS.
3. Specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.
4. Not available with 2′ Length.
5. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
6. Not available with 2′ L50, 3′ L56 or L75, and 4′ L100 lumen packages or CB Option.
7. Not available with 3′ L56 or L75 lumen packages or CT Option.
8. Additional drivers available upon request, consult factory.
9. TRIAC and ELV compatible, 120V only
10. Not available with EM batteries.

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FIXTURE PERFORMANCE DATA

	LED PACKAGE	STANDARD			CT OPTION			CB OPTION		
		DELIVERED LUMENS	TOTAL WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	TOTAL WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	TOTAL WATTAGE	EFFICACY (lm/W)
2′	L25	2559	20.8	123	2504	21.4	119	2504	21.4	119
	L38	3859	32.2	120	3861	32.6	118	3861	32.6	118
	L50	5008	42.7	117	–	–	–	5030	45.0	111
3′	L38	3722	31.4	119	3817	32.6	114	3817	32.6	114
	L56	5644	47.6	119	–	–	–	–	–	–
	L75	7509	64.4	117	–	–	–	–	–	–
4′	L50	5119	41.4	124	5008	42.7	120	5008	42.7	120
	L75	7588	63.7	119	7600	64.5	118	7600	64.5	118
	L100	10016	84.8	118	–	–	–	10059	89.3	112

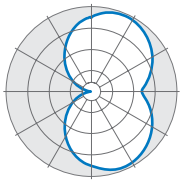
MULTIPLIER TABLE

COLOR TEMPERATURE		
CCT	80 CRI	90 CRI
2700K	0.97	0.80
3000K	0.99	0.82
3500K	1.00	0.83
4000K	1.03	0.86
5000K	1.06	0.89

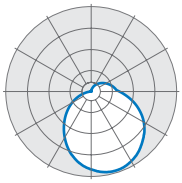
- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

PHOTOMETRY

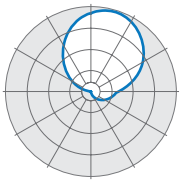
UP/DOWN



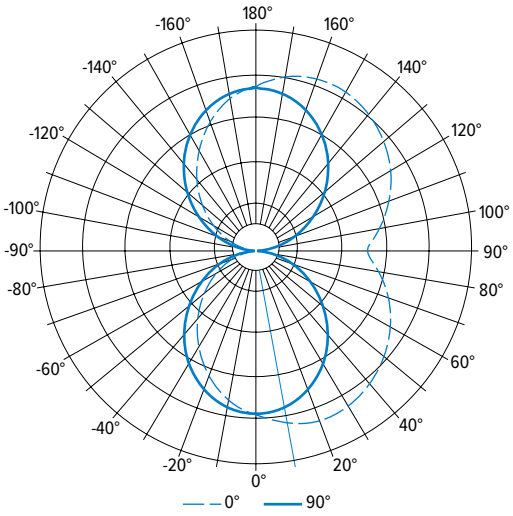
CT OPTION



CB OPTION



CW-4-L50/835-DMA-WHT-DIM-UNV Total Luminaire Output: 10,016 lumens; 84.8 Watts | Efficacy: 118 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	1509	1509	1509	1509	1509	
	5	1564	1543	1493	1469	1464	143
	15	1650	1570	1418	1349	1317	411
	25	1669	1531	1275	1182	1124	622
	35	1631	1439	1090	977	909	749
	45	1556	1309	877	767	700	792
	55	1456	1165	658	561	501	756
	65	1339	998	440	362	314	656
	75	1199	821	231	177	146	509
	85	1051	665	65	37	21	366
	90	1007	621	12	12	11	
	95	1051	678	67	26	16	368
	105	1199	836	234	164	143	510
	115	1338	1010	445	348	315	656
	125	1464	1175	665	550	515	758
	135	1568	1318	884	760	708	793
	145	1643	1443	1096	971	918	751
	155	1683	1531	1277	1172	1133	621
	165	1667	1565	1415	1339	1330	410
	175	1583	1533	1492	1466	1478	143
	180	1510	1510	1510	1510	1510	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1178	12
	0 - 40	1925	19
	0 - 60	3473	35
	0 - 90	5005	50
	90 - 120	1534	15
	90 - 150	3836	38
	90 - 180	5011	50
	0 - 180	10016	100

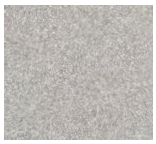
FINISH OPTIONS

WHITE

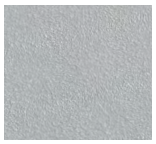
BLACK

BRONZE

NICKEL



SILVER



ALUM

RAL#____

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

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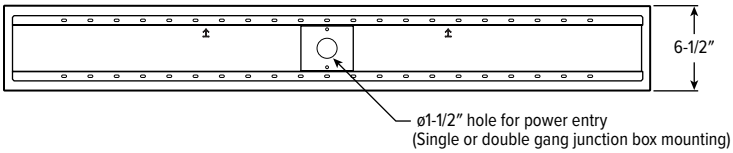
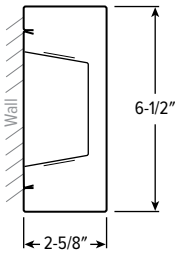
FIXTURE DETAILS

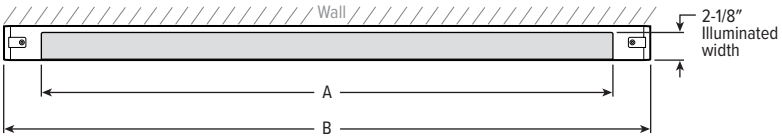
BACK VIEW



SIDE VIEW

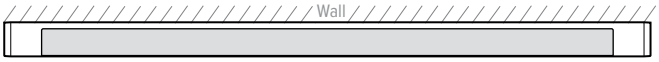


TOP VIEW

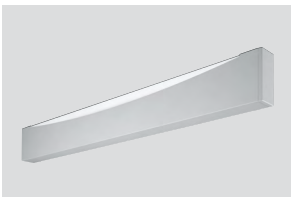


	ILLUMINATED LENGTH (A)	ACTUAL LENGTH (B)
2′	22″	27-3/4″ O.C.
3′	33″	38-3/4″ O.C.
4′	44″	49-3/4″ O.C.

BOTTOM VIEW



STANDARD

CT OPTION

CB OPTION