

JOB _____

TYPE _____

CATALOG # _____



APPLICATION

- DESIGNED FOR GENERAL PURPOSE APPLICATIONS THAT REQUIRE A DEPENDABLE, EFFICIENT LIGHT SOURCE, SUCH AS MANUFACTURING AREAS, WAREHOUSES AND INDIVIDUAL WORK STATIONS.
- CAN BE SURFACE, CABLE, CHAIN OR PENDANT MOUNTED INDIVIDUALLY OR IN CONTINUOUS ROWS. (JOINER PLATE INCLUDED)

FINISH

- ALL EXPOSED METAL PARTS PRETREATED WITH A PHOSPHATE BONDING PROCESS AND POST-PAINTED WITH AN ELECTROSTATICALLY APPLIED HIGH TEMPERATURE BAKED WHITE ENAMEL FOR SUPERIOR QUALITY AND DURABILITY.

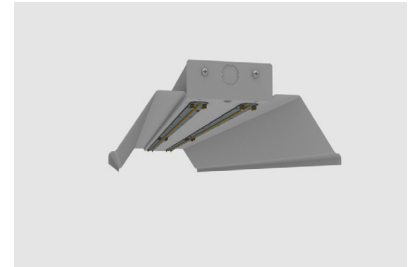
CONSTRUCTION

- DIE-FORMED CODE GAUGE COLD ROLLED STEEL HOUSING FOR STRENGTH AND UNIFORMITY. KNOCKOUTS ON HOUSING TOP AND ENDS FOR MOUNTING AND ELECTRICAL CONNECTIONS.
- OPTIONAL QUICK-CONNECT WIRING SYSTEM FOR CONTINUOUS ROW INSTALLATION.

ELECTRICAL

- LISTED
- L80 AT 50,000 HOURS
- SUITABLE FOR DRY LOCATIONS. (DAMP OPTIONAL)
- I.B.E.W. LABELED.
- 5 YEAR LIMITED WARRANTY ON LED BOARDS AND DRIVERS.
- 45C/113F MAXIMUM AMBIENT.
- 0-10V DIMMING STANDARD*
- LUMEN/WATTAGE TUNING AVAILABLE. (CONTACT FACTORY FOR OPTIONS)
- DRIVER QUICK DISCONNECT STANDARD WHERE REQUIRED BY CODE.
- 80+ CRI STD. CONSULT FACTORY FOR 90 CRI LUMEN PACKAGE OPTIONS.

CHLEDR SERIES



LED INDUSTRIAL CHANNEL WITH REFLECTOR

ORDERING GUIDE

EXAMPLE: CHLEDR49L4K48-9

SERIES	LUMENS	KELVIN	FIX		
CHLEDR		3K, 35K, 4K, 5K	24	**LUMENS: 24"	OPTIONS: EM1 - 500 - 700 LUMEN BATTERY PACK (NOT AVAILABLE ON 2' UNIT) EM2 - 1100 - 1400 LUMEN BATTERY PACK (NOT AVAILABLE ON 2' UNIT) DM1 - 0-10V DIMMING TO 1% (*DIMMING TO 3% STANDARD) MNL2 - 3 WIRE PLUG-IN WIRING SYSTEM (BLACK, WHITE, GREEN WIRES FOR SIMPLIFIED WIRING IN CONTINUOUS ROW MOUNTING INSTALLATIONS) 90 - 90 CRI ACCESSORIES: 34258 - 24" WIREGUARD. 14GA CHROME 31851 - 48" WIREGUARD. 14GA CHROME NOTE: 1 = WATTAGE OF CONFIGURATION WITH 4000K LED BOARDS. (SEE CHART FOR LUMEN MULTIPLIERS FOR OTHER CCT'S) (CONTACT FACTORY FOR OTHER LUMEN/WATTAGE OPTIONS)
	23L			23L = 2300 RATED INITIAL FIXTURE LUMENS (21 WATT) ¹	
	33L			33L = 3300 RATED INITIAL FIXTURE LUMENS (32 WATT) ¹	
	40L			40L = 4000 RATED INITIAL FIXTURE LUMENS (35 WATT) ¹	
	58L			58L = 5800 RATED INITIAL FIXTURE LUMENS (54 WATT) ¹	
				48"	
	49L		48	49L = 4900 RATED INITIAL FIXTURE LUMENS (45 WATT) ¹	
	66L			66L = 6600 RATED INITIAL FIXTURE LUMENS (61 WATT) ¹	
	104L			104L = 10400 RATED INITIAL FIXTURE LUMENS (91 WATT) ¹	
				96"	
	70L		96	70L = 7000 RATED INITIAL FIXTURE LUMENS (57 WATT) ¹	
	103L			103L = 10300 RATED INITIAL FIXTURE LUMENS (92 WATT) ¹	
133L			133L = 13300 RATED INITIAL FIXTURE LUMENS (123 WATT) ¹		
208L			208L = 20800 RATED INITIAL FIXTURE LUMENS (188 WATT) ¹		
** LUMEN MULTIPLIERS FOR VARIOUS CCT'S				VOLTAGE:	
CCT	LUMEN MULTIPLIER			5 - 347v	
3000K	0.938			9 - 120-277	
3500K	0.967				
4000K	1.000				
5000K	1.041				



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LUMAX LIGHTING®

CHLEDR SERIES

PHOTOMETRIC DATA

CATALOG NUMBER: CHLEDR49L4K48-9

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1,305.2	26.5%	26.5%
0-40	2,159.3	43.9%	43.9%
0-60	3,945.0	80.2%	80.1%
60-90	978.2	19.9%	19.9%
0-90	4,923.2	100.1%	100%

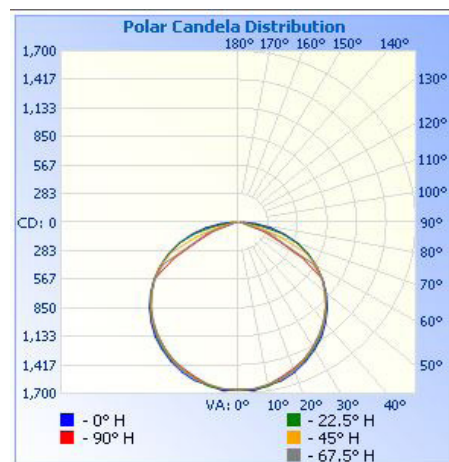
Lumens Per Zone

Zone	Lumens	% Total
0-10	157.9	3.2%
10-20	453.5	9.2%
20-30	693.7	14.1%
30-40	854.1	17.3%
40-50	917.3	18.6%
50-60	868.5	17.6%
60-70	618.3	12.6%
70-80	283.2	5.8%
80-90	76.7	1.6%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.98	.95	.92	.84	.94	.91	.89	.80	.88	.86	.86	.84	.84
2	.99	.91	.84	.78	.96	.89	.83	.71	.85	.80	.76	.67	.82	.78	.74	.64	.79	.76	.72	.70	.70
3	.90	.80	.72	.65	.88	.78	.71	.61	.75	.69	.63	.54	.72	.67	.62	.52	.67	.65	.61	.59	.59
4	.83	.70	.62	.55	.80	.69	.61	.52	.67	.59	.54	.45	.64	.58	.53	.44	.62	.57	.52	.50	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.60	.52	.46	.37	.58	.51	.46	.37	.56	.50	.45	.43	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.54	.46	.40	.31	.52	.45	.40	.31	.50	.44	.40	.38	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.27	.47	.40	.35	.27	.46	.40	.35	.33	.33
8	.60	.46	.38	.32	.59	.46	.38	.31	.44	.37	.32	.23	.43	.36	.31	.23	.42	.36	.31	.29	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.28	.19	.40	.33	.28	.19	.39	.33	.28	.26	.26
10	.53	.39	.31	.26	.51	.39	.31	.25	.38	.31	.25	.16	.37	.30	.26	.16	.36	.30	.26	.24	.24



DIMENSIONS

SPECIFICATIONS AND DIMENSIONAL DATA SUBJECT TO CHANGE WITHOUT NOTICE.

FIXTURE SIZE	DIM (A)	DIM (B)	DIM (C)
24"	N/A	15-3/4"	18-1/4"
48"	34"	39-3/4"	42-1/4"
96"	82"	87-3/4"	90-1/4"

