

MAGNETIC CHANNEL LIGHTS

PID: SL917CHL



5 MINUTE INSTALLATION!

APPLICATIONS:

- VENDING MACHINES
- JEWELRY CASES
- CEILING GRIDS
- REFRIGERATION
- 8' FLUORESCENT RETROFIT

SPECIFICATIONS:

FEATURES

- Aluminum construction
- Magnetic mounting for rapid installation
- Frosted lens
- Min starting temperature -4°F (-20°C)
- Max starting temperature 113°F (45°C)

LED MODULES

- SMD 2835 LED chips
- Available Kelvin temperature of 30K, 40K and 50K
- CRI > 80
- 50,000 hour rated life

CERTIFICATIONS

- UL certified
- IP20 rated

ENERGY DATA

- External driver: 100-277V
- Power Factor ≥0.90
- THD < 20%

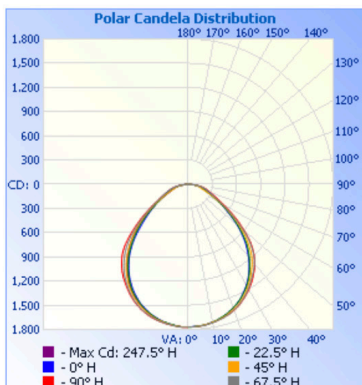
MOUNTING

- Must bypass / remove fluorescent ballast
- Socket-free installation for retrofit projects with varied fixtures

WARRANTY

- 1 year warranty

LM79 REPORT



Illuminance at a Distance			
Center Beam fc	Beam Width		
17.0ft	6.12 fc	36.6 ft	41.5 ft
34.0ft	1.53 fc	73.2 ft	83.0 ft
51.0ft	0.68 fc	109.8 ft	124.5 ft
68.0ft	0.38 fc	146.4 ft	166.0 ft
85.0ft	0.24 fc	183.0 ft	207.5 ft
102.0ft	0.17 fc	219.6 ft	248.9 ft

■ Vert. Spread: 94.2°
 ■ Horiz. Spread: 101.3°

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,367.9	32.6%
0-40	2,210.1	52.7%
0-60	3,583.7	85.5%
60-90	609.8	14.5%
70-100	271.9	6.5%
90-120	0.1	0%
0-90	4,193.5	100%
90-180	0.4	0%
0-180	4,193.9	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	167.3	4.0%	90-100	0.0	0%
10-20	479.2	11.4%	100-110	0.0	0%
20-30	721.4	17.2%	110-120	0.1	0%
30-40	842.2	20.1%	120-130	0.1	0%
40-50	799.4	19.1%	130-140	0.1	0%
50-60	574.1	13.7%	140-150	0.1	0%
60-70	337.9	8.1%	150-160	0.1	0%
70-80	202.4	4.8%	160-170	0.0	0%
80-90	69.5	1.7%	170-180	0.0	0%

*LM report is based on results for 2 x 20W Magnetic Tubes

PRODUCT DETAILS

Product Code	Actual Length	Lamp Quantity	Watts Per Tube	Lumens ^{1,2}	Efficacy	Amp	CCT ¹	Replacement
SL917CHL-24-10W-3L-100/277V	21.5"	3	10W	3300	110	.5	30K, 40K, 50K	(2) 32W T8
SL917CHL-24-10W-4L-100/277V		4		3540	89	.8		(2) 40W T12
SL917CHL-48-10W-2L-100/277V	44.5"	2	10W	2715	135	.3	30K, 40K, 50K	(2) 28W T8
SL917CHL-48-10W-3L-100/277V		3		3190	106	.5		(3) 28W T8
SL917CHL-48-10W-4L-100/277V		4		4400	110	.8		(4) 28W T8
SL917CHL-48-15W-2L-100/277V	44.5"	2	15W	3300	110	.5	30K, 40K, 50K	(2) 32W T8
SL917CHL-48-15W-3L-100/277V		3		4730	105	1.0		(3) 32W T8
SL917CHL-48-15W-4L-100/277V		4		6600	110	1.0		(4) 32W T12
SL917CHL-48-20W-2L-100/277V	44.5"	2	20W	4400	110	.8	40K, 50K	(2) 40W T12
SL917CHL-48-20W-3L-100/277V		3		6600	110	1.0		(3) 40W T12

1. CCT range complies to ANSI C78.377-2008

2. Rated average life based on engineering testing and probability analysis

3. Lifetime test consistent with IESNA LM80 lumen maintenance procedure

BOX DIMENSIONS / CASE QUANTITY

Magnetic tubes					
Product	Case Qty	Dimensions (inch)			lbs
		L	W	H	Weight
SL917CHL-24-30W-3L	30	24	10	12	12.5
SL917CHL-24-40W-4L	30	24	10	12	12.5
SL917CHL-48-20W-2L	30	48	10	12	22.5
SL917CHL-48-30W-3L	30	48	10	12	22.5
SL917CHL-48-40W-4L	30	48	10	12	22.5
SL917CHL-48-30W-2L	30	48	10	12	22.5
SL917CHL-48-45W-3L	30	48	10	12	22.5
SL917CHL-48-60W-4L	30	48	10	12	22.5
SL917CHL-48-40W-2L	30	48	10	12	22.5
SL917CHL-48-60W-3L	30	48	10	12	22.5

Drivers					
Product	Case Qty	Dimensions (inch)			lbs
		L	W	H	Weight
SLDR-WG16-1-2'-10W-----3N---Magnetic Kit	30	15	13	3.7	8.4
SLDR-WG17-2-2'-10W-----4N---Magnetic Kit	40	21.8	13.8	9.7	20.5
SLDR-WG15-6-4'-10W-----2N---Magnetic Kit	30	15	13	3.7	8.4
SLDR-WG16-1-4'-10W-----3N---Magnetic Kit	30	15	13	3.7	8.4
SLDR-WG17-2-4'-10W-----4N---Magnetic Kit	40	21.8	13.8	9.7	20.5
SLDR-WG16-1-4'-15W-----2N---Magnetic Kit	30	15	13	3.7	8.4
SLDR-WG17-2-4'-15W-----3N---Magnetic Kit	40	21.8	13.8	9.7	20.5
SLDR-WG18-4-4'-15W-----4N---Magnetic Kit	40	21.8	13.8	9.7	20.5
SLDR-WG17-2-4'-20W-----2N---Magnetic Kit	40	21.8	13.8	9.7	20.5
SLDR-WG18-4-4'-20W-----3N---Magnetic Kit	40	21.8	13.8	9.7	20.5

ORDERING GUIDE

ORDER CODE	LENGTH	LAMP QUANTITY	WATTS	VOLTS	CCT	DIMMING
SL917CHL	24 = 2' 48 = 4'	2L = 2 lamps 3L = 3 lamps 4L = 4 lamps	10W 15W 20W	100/277V	40K = 4000K 50K = 5000K	N = Non-dimming

ORDER EXAMPLE: SL917CHL - 48 - 2L - 20W - 100/277V - 50K - N

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