

## HLR209 Series

### Small Wrap Around Surface Mount Units

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**Construction:** Housing is designed from heavy gauge die formed steel and is finished in baked white enamel or polyester powder coating for maximum durability and reflectivity. Clear acrylic prismatic wrap around diffuser hinges from either side and snaps on and off for easy maintenance.

**Electrical:** All units are furnished with UL Listed Class P thermally protected ballast. Other voltages are available upon request. Fixtures meet requirements for UL Luminaire Standard # 1598. All units comply with National Energy Standard. All units are UL certified damp location M 59006648

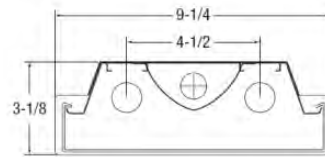
**Mounting:** Unit is equipped with knockouts and holes for pendant or surface mounting. This fixture can be mounted individually or continuous run.

#### WARRANTY & LISTINGS:

- 5-year warranty of all electronics and housing.
- UL Certified for damp location M 59006648



#### DIMENSIONS



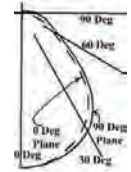
Fixture Length

T12	T8	T5	Length
F20T12	F17T8	F14T5	24"
F40T12	F32T8	F28T5	48"
F96T12	F96T8	---	96"

For Tandem Units:

Multiply lamp length above by lamp quantity

Photometric Curve



max weight= 16lbs/48 32lbs/96"

Coefficients Utilization Zonal Cavity Method

RF	20											
RC	80%				70%				50%			
RW	70	50	30	10	70	50	30	10	50	30	10	10
0	80	80	80	80	78	78	78	78	73	73	73	
1	74	72	68	66	72	69	67	64	65	63	62	
2	68	63	59	55	66	61	58	54	58	55	53	
3	63	56	51	48	61	55	51	47	53	49	46	
4	58	51	45	41	56	49	44	41	47	43	40	
5	53	45	40	35	52	44	39	35	42	38	34	
6	49	41	35	31	48	40	35	31	38	34	30	
7	46	37	31	27	44	36	31	27	35	30	27	
8	42	33	28	24	41	33	27	24	31	27	23	
9	39	30	24	21	38	29	24	21	28	24	20	
10	36	27	22	18	35	27	22	18	26	21	18	

#### Ordering Guide

HLR209	Series	of Lamps	Lamp Size	Ballast Type	Options
HLR209	HLR209	2 MC [ ] 3 MA [ ] Å 4 MA [ ] Å	T8 17 = F14T5 25 = F17T8 32 = F20T12 59 = F30T12 86 = F40T12 HO = F96T12/HO	SET LED N = Wired 1 end hot for LED tubes SET LED N/S = Wired 2 ends hot for LED tubes W/LEDIF = LED ballast driven tubes	EMB MA [ ] Å 2BAL MC [ ] Å OCC-E = External occupancy sensor
		Væ å^ Å [ Å ] • 22 Væ å^ Å [ Å ] Å 23 Væ å^ Å [ Å ] Å • 24 Å	T5 14 = F14T5 21 = F17T8 28 = F20T12 35 = F24T5 39 = F30T12 54 = F36T5 HO = F96T12/HO		