

## SPECIFICATION

### APPLICATIONS

General lighting for environments where unobtrusive lighting with exceptional even illumination is required.

### FEATURES

Side mounted micro perforated lamp shield with white acrylic overlay eliminates lamp image while providing superior even and balanced illumination.

### OPTICS

High reflectance (91%) white polyester powder coat providing 66.1% total luminaire efficiency with 1.24 space mounting height ratio.

### HOUSING

Premium 20 gauge cold rolled steel housing / micro-perforated metal shield.

### ELECTRICAL

Electronic Ballast: Inherent Thermal Protection.  
Minimum starting temperature 0°C. UL cUL Listed.

### MOUNTING

Suitable for standard exposed grid (T-bar) ceilings.  
Equipped with Safety Earthquake Clips.

### CERTIFICATION

ETL Listed to UL/cUL standards 1598

### OPTIONS

Integral Emergency battery back-up. Slow blow fuse and holder.  
Custom color finish (*must supply color chip*). 6 foot Flex Whip Connection. Drywall Flange Kit.

# DARLINE<sup>®</sup> by DĀLUME<sup>®</sup>



RECESSED LINEAR

**DRL1224**  
**ARCHITECTURAL**  
2X4 RECESSED Direct/ Indirect Fluorescent  
Side Mount

Fixture Number	# of Lamps	Type of Lamp	Ballast	Options
DRL1224	-2: 2 Lamps	28T5: 28W T5	-120: 120V Electronic	EM: Emergency Pack
	-2: 4 Lamps	54T5: 54W T5HO	-277: 277V Electronic	SBF: Slow Blow Fuse
		32T8: 32W T8	-UE: Universal (120-277V) Electronic	CC: Custom Color
			-120DIM: 120V Dimming	FL: Drywall Flange Kit
			-277DIM: 277V Dimming	FW: 6' Flex Whip
			-UD: Universal (120-277V) Dimming	

### Example:

DRL1224      -2      28T5      UE      EM

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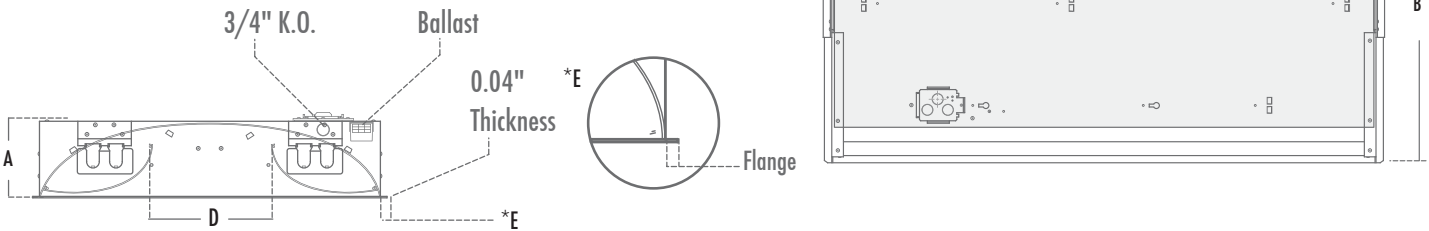
### Project Information:

Type:
Project Name:
Cat No.:
Lamp(s):
Volts/Ballast:

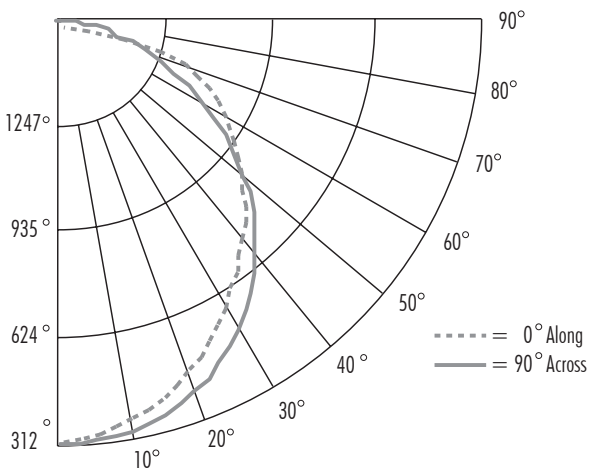
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## DIMENSIONS

A: Housing Depth:	5 1/2"	(139.7 mm)
B: Housing Length:	23 1/4"	(590.55 mm)
C: Housing Width:	47 5/8"	(1209.67 mm)
D: Diffuser Width:	8"	(203.2 mm)
E: Flange:	1/4"	(6.35 mm)



## PHOTOMETRIC DATA



### ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT.
0-30	972.41	16.8	25.4
0-40	1596.1	27.5	41.6
0-60	2862.98	49.4	74.7
0-90	3833.93	66.1	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3833.93	66.1	100

Total Luminaire Efficiency = 66.1%

### CANDELA

	0°	45°	90°
0	1247	1247	1247
5	1241	1238	1244
10	1226	1226	1230
15	1201	1201	1206
20	1162	1165	1171
25	1112	1117	1128
30	1051	1060	1077
35	978	996	1019
40	897	924	958
45	806	848	896
50	706	767	834
55	598	686	770
60	485	605	705
65	371	528	643
70	265	450	574
75	177	367	477
80	106	252	292
85	41	78	103
90	0	0	0

RECESSED Linear Direct/ Indirect 2X4  
(2) 28W T5 Linear Fluorescent Lamps  
Total Rated Lamp mean Lumens 5800 (2 lamps)  
Spacing Criteria (0-180) 1.26

IESNA:LM-63-1995  
Test Number 1224PH  
DRL1224-28T5UE  
Total Luminaire Efficiency 66.1 %

### COEFFICIENTS OF UTILIZATION

RC	80%				70%				50%			30%			10%			0%
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	79	79	79	79	77	77	77	77	73	73	73	70	70	70	67	67	67	66
1	71	68	65	62	69	66	64	61	64	61	59	61	59	57	59	57	56	54
2	64	59	54	50	63	57	53	49	55	51	48	53	50	47	51	48	46	44
3	59	51	46	41	57	50	45	41	48	44	40	46	42	39	45	41	38	37
4	53	45	39	34	52	44	39	34	43	38	34	41	37	33	40	36	33	31
5	49	40	34	30	48	39	34	29	38	33	29	37	32	29	35	32	28	27
6	45	36	30	26	44	36	30	26	34	29	25	33	29	25	32	28	25	23
7	42	33	27	23	41	32	27	23	31	26	22	30	26	22	29	25	22	21
8	39	30	24	20	38	29	24	20	28	23	20	28	23	20	27	23	20	18
9	36	27	22	18	35	27	22	18	26	21	18	25	21	18	25	21	18	16
10	34	25	20	16	33	25	20	16	24	19	16	24	19	16	23	19	16	15

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