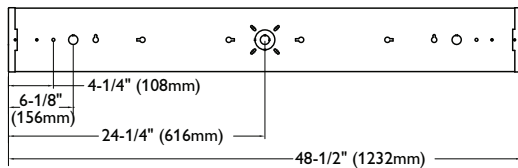
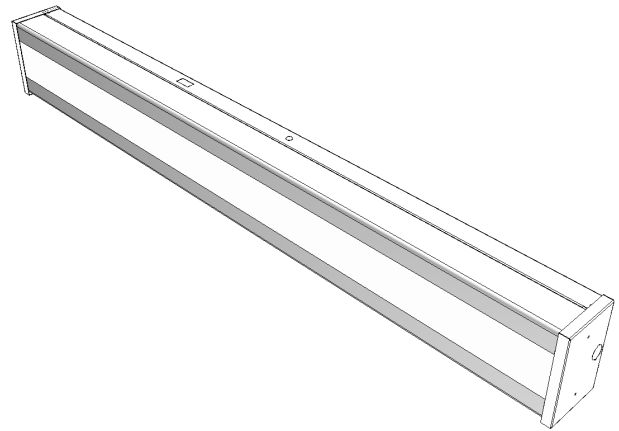
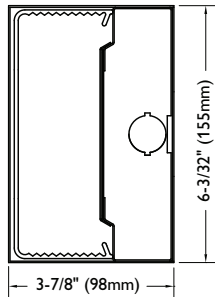


Ceiling/Wall Mounted Luminaire, LED

Catalog number:

Notes:

Type:



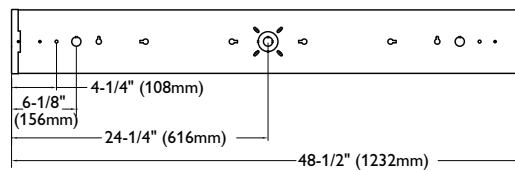
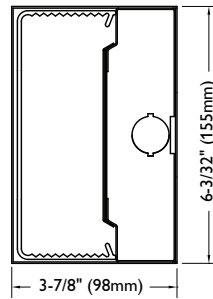
Ordering Information

DormLyte	Fixture Length	Lens Type	Lumen Category	Color Temp.	Voltage	Driver Type	Options
DM Surface/Wall LED	4 4 = 48" (Nominal size)	C = White Composite Acrylic Lens V = White Composite Acrylic Lens with vandal proof end caps	29A = 2900 lumens 33A = 3300 lumens 38A = 3800 lumens 42A = 4200 lumens 4000K represented (Approximate delivered values. Consult IES file)	40 = 4000K 35 = 3500K Consult representative for other color temperature options. (Approximate values. Consult IES file)	U U = Universal 120-277v	LAG = LED Driver MKB = Bi-level step LED Driver (42A only)	Add appropriate suffix to catalog no., i.e.: (C)

Features

- For dorms, nursing homes, assisted living, health care facilities and other over bed or wall mounted applications.
- For ceiling or wall mounted applications.
- Can be vertically or horizontally mounted on wall.
- 1/8" thick DR acrylic lens.
- Unique co-extrusion lens.
 - White opaque center.
 - Frosted white front sections for subtle glow.
 - Linear prisms to spread up/downlight.
- Field replaceable LED array and drivers accessible from below.
- Integrated thermal management system conducts heat away from LEDs and transfers it to the surrounding environment.
- Intelligent driver technology, our LitePlane platform, is a factory calibrated system providing the customer multiple lumen outputs to balance energy savings with lighting application needs.
- High efficiency LEDs have 50,000 hour rated life at L₇₀.
- Predicted L70 lifetime is based on LED manufacturer's supplied LM-80 data and in-situ laboratory testing.
- Only 3 7/8" deep, meets Americans with Disabilities Act for wall mounted fixtures.
- Invisible spring steel latches align refractor to housing.
- 20 gauge cold rolled steel post painted baked white enamel end caps.
- Five-year warranty on luminaire, LED boards and driver.

Ceiling/Wall Mounted Luminaire, LED



Additional Ordering Information—4000K Color temperature

Catalog Number	Delivered Lumens	Input Watts	Lumens per Watt
DM4C29A40ULAG	2946	31.0	95.0
DM4C33A40ULAG	3348	38.0	88.0
DM4C38A40ULAG	3751	45.0	83.0
DM4C42A40ULAG	4153	52.0	79.9

Specifications

Materials: Chassis Parts—Die-formed code gauge cold rolled steel. **End Caps**—(Primary) 20 gauge cold rolled steel, (Secondary) Vandal proof 18 gauge cold rolled steel.

Finish: Chassis exterior—Post painted white baked acrylic enamel. **End Caps**—Post painted baked white enamel. Rust preventative undercoating.

Reflector: Reflector: 1/8" thick DR acrylic, unique co-extrusion, white opaque center, linear prisms.

Electrical: LED boards and drivers are RoHS (Restriction of Hazardous Substances) compliant. For dimming options consult your Lightolier representative.

Labels: I.B.E.W., UL and ULc listed.

Additional Ordering Information—3500K Color temperature

Catalog Number	Delivered Lumens	Input Watts	Lumens per Watt
DM4C29A35ULAG	2586	31.0	83.4
DM4C33A35ULAG	3077	38.0	81.0
DM4C38A35ULAG	3569	45.0	79.0
DM4C42A35ULAG	4060	52.0	78.1

Options & Accessories

Fusing: Consult factory.

Electrical Wiring Options: Consult factory.

Stem and Canopy Sets: Suspends fixture 6", 12", 18" or 24" from surface. Catalog Number: **ASC6 CSP (6")**

ASC12 CSP (12")

ASC18 CSP (18")

ASC24 CSP (24")

Ceiling/Wall Mounted Luminaire, LED

Photometry—4000K Color temperature

Report Number!: G2012160
 Catalog Number: DM4C42A40ULAG
 Delivered Lumens: 4153
 Correlated Color Temp.²: 3970K
 Input Watts: 52.0
 Efficacy: 79.9 lm/w
 CRI: 83.5
 Light source: LED
 Luminaire: DormLyte LED.

¹ Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.
² Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSI C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.

Candela Distribution

Vertical Angle	Horizontal Angle			Zonal Lumens
	0	90	180	
0	579	579	579	
5	606	589	563	55
15	653	556	527	161
25	683	497	465	248
35	692	419	384	303
45	678	332	297	323
55	642	246	210	311
65	586	166	134	274
75	521	97	71	223
85	466	42	24	173
90	461	34	5	
95	484	57	16	180
105	544	112	62	231
115	605	179	122	280
125	656	257	197	314
135	686	338	281	323
145	693	419	366	299
155	676	491	443	243
165	641	544	506	157
175	588	572	546	54
180	562	562	562	

Coefficients of Utilization

Ceiling	80%			50%			30%		
	70	50	30	50	30	10	50	30	10
RC	Zonal Cavity Method								
RW	Effective Floor Reflectance = 20%								
1	96	91	86	70	67	65	58	56	54
2	87	78	72	61	56	52	50	47	44
3	79	68	60	53	48	43	44	40	36
4	72	60	52	47	41	36	39	34	31
5	66	53	45	42	36	31	35	30	26
6	60	48	39	37	31	27	31	26	23
7	56	43	35	34	28	24	28	24	20
8	52	39	31	31	25	21	26	21	18
9	48	35	28	28	22	19	24	19	16
10	45	32	25	26	20	17	22	17	14

Zonal Lumen Summary*

Zone	Lumens	% Lamp	% Fixt.
0-30	465	11.2	11.2
0-40	768	18.5	18.5
0-60	1402	33.8	33.8
0-90	2073	49.9	49.9
90-120	691	16.6	16.6
90-130	1005	24.2	24.2
90-150	1627	39.2	39.2
90-180	2080	50.1	50.1
0-180	4153	100.0	100.0

*Total Efficiency

Average Luminance data in candela / sq. meter

Angle	0°	45°	90°
45	11832.	2068.	5183.
55	13264.	1464.	4339.
65	15411.	975.	3524.
75	19664.	579.	2680.
85	32910.	263.	1695.

Photometry—3500K Color temperature

Report Number!: G2012135
 Catalog Number: DM4C42A35ULAG
 Delivered Lumens: 4060
 Correlated Color Temp.²: 3390K
 Input Watts: 52.0
 Efficacy: 78.1 lm/w
 CRI: 83.7
 Light source: LED
 Luminaire: DormLyte LED.

¹ Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.
² Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSI C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.

Candela Distribution

Vertical Angle	Horizontal Angle			Zonal Lumens
	0	90	180	
0	572	572	572	
5	600	582	556	55
15	648	550	514	159
25	676	491	451	244
35	683	413	370	298
45	670	328	271	316
55	635	243	188	302
65	581	165	120	266
75	518	97	63	218
85	462	44	17	169
90	452	27	5	
95	475	50	15	176
105	533	105	61	226
115	590	172	122	272
125	635	248	195	305
135	662	330	277	314
145	669	411	361	293
155	656	483	439	238
165	624	537	502	155
175	573	565	541	53
180	553	553	553	

Coefficients of Utilization

Ceiling	80%			50%			30%		
	70	50	30	50	30	10	50	30	10
RC	Zonal Cavity Method								
RW	Effective Floor Reflectance = 20%								
1	96	91	86	70	67	65	58	56	54
2	87	78	72	61	56	52	50	47	44
3	79	68	61	53	48	43	44	40	36
4	72	60	52	47	41	36	39	34	31
5	66	53	45	42	36	31	35	30	26
6	61	48	39	37	31	27	31	26	23
7	56	43	35	34	28	24	28	24	20
8	52	39	31	31	25	21	26	21	18
9	48	36	28	28	23	19	24	19	16
10	45	33	25	26	20	17	22	17	14

Zonal Lumen Summary*

Zone	Lumens	% Lamp	% Fixt.
0-30	459	11.3	11.3
0-40	757	18.6	18.6
0-60	1374	33.8	33.8
0-90	2028	49.9	49.9
90-120	674	16.6	16.6
90-130	979	24.1	24.1
90-150	1586	39.1	39.1
90-180	2032	50.1	50.1
0-180	4060	100.0	100.0

*Total Efficiency

Average Luminance data in candela / sq. meter

Angle	0°	45°	90°
45	12225.	2886.	4945.
55	13940.	2137.	4127.
65	16641.	1496.	3437.
75	22313.	936.	2714.
85	42736.	470.	1573.



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DormLyte Series August 2, 2012

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