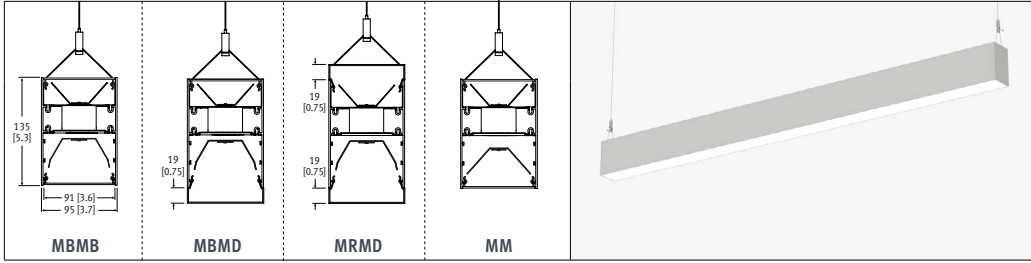


Rail 4 RM4DI

LED . Pendant . Direct/Indirect



See p.2 for DLC Approved Products



CAT #:
PREP BY:
DATE:
PROJECT:
TYPE:
NOTES:

ORDERING LOGIC

Example Part Number: RM4DI-1L35K-R-MBMB-W-L31-PA-1-D-90

RM4DI	Color Temp	Length	Pattern	Optics	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls	Options																																																																									
Color Temp	Optics		Light Level (LL) / Driver			Circuitry		Voltage																																																																												
2L30K = 3000K	90 CRI is available under Options	MBMB = Up: Meta Blanc Down: Meta Blanc		Performance at 3500K 0-10V Dimming (Standard) Integral drivers			1 = 1 Circuit		1 = 120 V																																																																											
2L35K = 3500K		MBMD = Up: Meta Blanc Down: Drop Lens **		<table border="1"> <thead> <tr> <th>Optics</th> <th>Light Level</th> <th>Lumens Delivered</th> <th>Wattage</th> <th>Efficacy</th> </tr> </thead> <tbody> <tr> <td rowspan="4">MBMB</td> <td>L1</td> <td>2995</td> <td>28</td> <td>107</td> </tr> <tr> <td>L2</td> <td>3747</td> <td>35.4</td> <td>106</td> </tr> <tr> <td>L3</td> <td>5096</td> <td>48.3</td> <td>106</td> </tr> <tr> <td>L4</td> <td>9451</td> <td>99.8</td> <td>95</td> </tr> <tr> <td rowspan="4">MBMD</td> <td>L1</td> <td>3033</td> <td>28</td> <td>108</td> </tr> <tr> <td>L2</td> <td>3794</td> <td>35.4</td> <td>107</td> </tr> <tr> <td>L3</td> <td>5160</td> <td>48.3</td> <td>106</td> </tr> <tr> <td>L4</td> <td>9571</td> <td>99.8</td> <td>95</td> </tr> <tr> <td rowspan="4">MRMD</td> <td>L1</td> <td>3257</td> <td>27.6</td> <td>110</td> </tr> <tr> <td>L2</td> <td>3824</td> <td>35.23</td> <td>108</td> </tr> <tr> <td>L3</td> <td>5199</td> <td>48.3</td> <td>107</td> </tr> <tr> <td>L4</td> <td>9647</td> <td>96.6</td> <td>99</td> </tr> <tr> <td rowspan="4">MM</td> <td>L1</td> <td>3176</td> <td>28</td> <td>113</td> </tr> <tr> <td>L2</td> <td>3987</td> <td>35.4</td> <td>112</td> </tr> <tr> <td>L3</td> <td>5406</td> <td>48.3</td> <td>111</td> </tr> <tr> <td>L4</td> <td>10555</td> <td>96.6</td> <td>109</td> </tr> </tbody> </table>			Optics	Light Level	Lumens Delivered	Wattage	Efficacy	MBMB	L1	2995	28	107	L2	3747	35.4	106	L3	5096	48.3	106	L4	9451	99.8	95	MBMD	L1	3033	28	108	L2	3794	35.4	107	L3	5160	48.3	106	L4	9571	99.8	95	MRMD	L1	3257	27.6	110	L2	3824	35.23	108	L3	5199	48.3	107	L4	9647	96.6	99	MM	L1	3176	28	113	L2	3987	35.4	112	L3	5406	48.3	111	L4	10555	96.6	109	UD = Up / Down Switching		2 = 277 V		
Optics		Light Level	Lumens Delivered	Wattage	Efficacy																																																																															
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2L40K = 4000K	MRMD = Up: Rise Lens Down: Drop Lens **		Based on 4ft sections.			EM = Emergency/ Night Light		3 = 347 V																																																																												
2LTUN = 2-White Tunable (2700 - 6500K)	MM = Up: Meta Ice Down: Meta Ice		<table border="1"> <thead> <tr> <th colspan="4">Lumen Adjustment Factor</th> </tr> <tr> <th>Color Temp</th> <th>80 CRI</th> <th colspan="2">90 CRI</th> </tr> </thead> <tbody> <tr> <td>3000K</td> <td>0.984</td> <td colspan="2">0.880</td> </tr> <tr> <td>3500K</td> <td>1.000</td> <td colspan="2">0.875</td> </tr> <tr> <td>4000K</td> <td>1.032</td> <td colspan="2">0.879</td> </tr> </tbody> </table>			Lumen Adjustment Factor				Color Temp	80 CRI	90 CRI		3000K	0.984	0.880		3500K	1.000	0.875		4000K	1.032	0.879		B = Battery Pack		4 = UNV (120-277V)																																																								
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Length	Pattern		Finish			Mounting		For other voltage, consult factory																																																																												
2 = 2 ft	8 = 8 ft	G = Square / Rectangle	SA = Satin Aluminum			PA = Pendant Aircraft Cable		Controls																																																																												
3 = 3 ft	9 = 9 ft	U = U-Shape	W = White			PT = Pendant Aircraft Cable for T-Bar		- = None (leave space empty)																																																																												
4 = 4 ft	10 = 10 ft	L = L-Shape	B = Black			Select CABLE LENGTH and HANGER FINISH on p.2		D = Daylight Sensor																																																																												
5 = 5 ft	11 = 11 ft	C = Custom Pattern*	C = Custom Finish Specify RAL#:					O = Occupancy Sensor																																																																												
6 = 6 ft	12 = 12 ft	Enter pattern dimensions on p.2						DO = Daylight/ Occupancy Sensors																																																																												
7 = 7 ft								Options																																																																												
R = Continuous Rows (See p.4)								90 = 90 CRI																																																																												
C = Custom Length (Consult factory)		= None (leave space empty)						- = None (leave space empty)																																																																												
= None (leave space empty)																																																																																				

* Consult factory for custom patterns, including T and X shapes. | ** Drop lens is not available with patterns. | † Metalumen's light level performance metrics are subject to manufacturers component tolerances.

SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

Housing: Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness. Steel formed end caps.

Optical System: Metalumen luminaires are designed to utilize leading edge LED technology combined with luminaire optimized reflectors and our custom diffusers, resulting in industry leading optical performance.

CRI: 83+ for 3500K, 80 minimum for all CCTs in standard configurations.

Lumen Maintenance: Minimum 50,000h with TM-21 lumen maintenance of 85% @ 25°C ambient temperature (calculated based on IESNA LM-80-08 LED test data). L70: ≥ 60 000hrs.

Finish: Satin aluminum, white and black are standard finishes. For custom finish, contact factory.

Mounting: Aircraft cable yoke complete with a Quick-Grip field adjustable suspension system provides for quick and

easy onsite alignment.

Electrical: Factory prewired with easy wire quick connect sections.

Drivers: Metalumen offers dimming drivers as a standard on our entire LED product offering at 0-10V. Dimming range is 10%-100%. Power factor is > 90%. Class 2 rating. Drivers are integral.

Controls: Refer to Ordering Logic chart above.

Lutron Driver Options: Consult factory for

Lutron LED driver options:

LHE H-Series Hi-lume 1% EcoSystem

LA2 A-Series Hi-lume 1% 2-wire

LSE 5-Series EcoSystem 5-Series

Approvals: Certified to NRTL and IES testing standards. This product is cULus listed. RoHS compliant.

Environment: Suitable for dry or damp locations.

APPROVALS Signature _____

Date _____

FILE NAME: RM4DI_LED_PA_PT_SPEC_SHEET_20191002

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9

1.800.621.6785 | T 519.822.4381 | F 519.822.4589
www.metalumen.com


Metalumen

Rail 4 RM4DI LED . Pendant . Direct/Indirect

WARRANTY

Metalumen will warrant defective luminaires for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specification. If defective, Metalumen will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Metalumen.

FEATURES

 **COMMERCIAL // Commercial Lighting** - With over 30 years of successful architectural lighting, providing unique concept and installation solutions has become second nature. Metalumen's Start to End Development Process results in unique performance, design and architectural requirements from

concept through implementation. Metalumen's Lighting Solutions have been applied to customer projects requiring: high profile architectural installations; improved energy efficiency; retrofit installations; unique installations. Metalumen can provide top-quality innovative fixtures when and where they are needed and, at

the same time, allow the customer to determine their level of involvement in Metalumen's Start to End Development Process.




MEDILUMEN // Healthcare Lighting - Every product in our broad line of healthcare


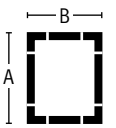
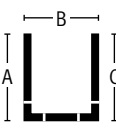
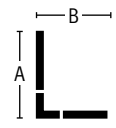
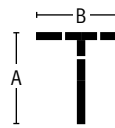
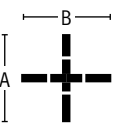
luminaires has been strategically engineered to meet modern healthcare demands while addressing patient needs and aesthetic requirements.



Suitable for dry or damp locations.

	DLC Approved RM4DI Products	RM4DI-2L35K-4-MM-xx-L1X-X-XX-[34]-X	RM4DI-2L35K-8-MM-xx-L1X-X-XX-[34]-X	For more Metalumen DLC Approved Products, visit the DLC Website
		RM4DI-2L35K-4-MM-xx-L2X-X-XX-[34]-X	RM4DI-2L35K-8-MM-xx-L2X-X-XX-[34]-X	
		RM4DI-2L35K-4-MM-xx-L3X-X-XX-[34]-X	RM4DI-2L35K-8-MM-xx-L3X-X-XX-[34]-X	
		RM4DI-2L40K-4-MM-xx-L1X-X-XX-[34]-X	RM4DI-2L40K-8-MM-xx-L1X-X-XX-[34]-X	
		RM4DI-2L40K-4-MM-xx-L2X-X-XX-[34]-X	RM4DI-2L40K-8-MM-xx-L2X-X-XX-[34]-X	
		RM4DI-2L40K-4-MM-xx-L3X-X-XX-[34]-X	RM4DI-2L40K-8-MM-xx-L3X-X-XX-[34]-X	

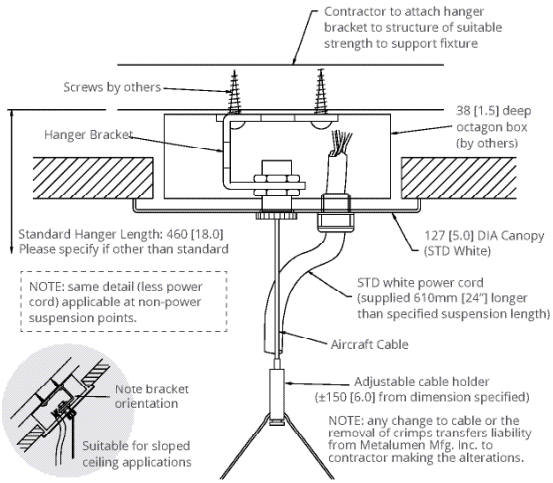
PATTERNS

Select: Grid Pattern	Square (G)	Rectangle (G)	U-Shape (U)	L-Shape (L)	T-Shape (C)	X / Cross (C)
Grid Pattern Configuration						
Indicate Desired Lengths (ft)	A =	A = B =	A = B = C =	A = B =	Consult Factory	
Minimum Lengths	4' for all sides		A = 3', B = 4', C = 3'	A = 3', B = 3'	A = 3', B = 6'	A = 6', B = 6'

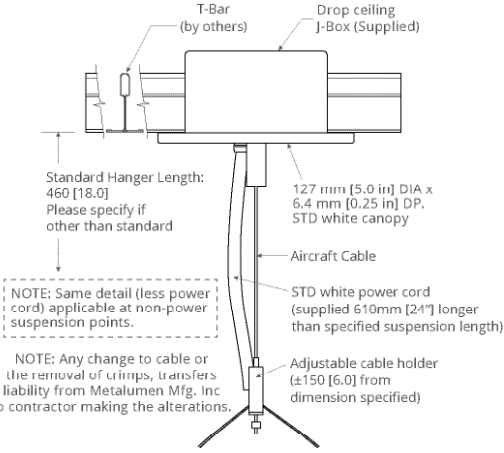
Record drawings will be sent out upon order showing mounting locations.

HANGERS

Aircraft Cable & Cord



T-Bar Aircraft Cable & Cord



Select Aircraft Cable Length, Canopy Finish and Power Cord Color:

AIRCRAFT CABLE		
Total adjustment range is 6" up & down for each standard length.		
All other lengths are considered custom unless otherwise stated.		
	IMPERIAL (in)	METRIC (mm)
<input type="checkbox"/>	12	305
<input type="checkbox"/>	18	460
<input type="checkbox"/>	24	610
<input type="checkbox"/>	30	760
<input type="checkbox"/>	36	915
<input type="checkbox"/>	42	1067
<input type="checkbox"/>	48	1220
<input type="checkbox"/>	54	1372
<input type="checkbox"/>	60	1525
<input type="checkbox"/>	72	1830
<input type="checkbox"/>	96	2440
<input type="checkbox"/>	120	3050
<input type="checkbox"/>	144	3660
<input type="checkbox"/>	Custom length: _____	

CANOPY FINISH	
<input type="checkbox"/> White	<input type="checkbox"/> Black
<input type="checkbox"/> Custom Finish Specify RAL#: _____	

POWER CORD COLOR	
<input type="checkbox"/> White	<input type="checkbox"/> Black (Consult factory)

WIRING

STANDARD WIRING	<p>BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAPPED/SW LEAD VIOLET - DIM(+) GREY - DIM(-)</p>
EMERGENCY WIRING	<p>BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAP OFF/SW LEAD</p>
BATTERY PACK WIRING	<p>BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - UNSWITCHED HOT</p>

MOUNTING - CONTINUOUS ROWS

Step 1) Indicate desired quantity of rows under the QTY column

Step 2) ← Pods → If applicable, select pod(s) per row to indicate desired Emergency/Night Light/Battery location. If a similar row requires a different Emergency lighting location, please fill out another sheet.

Record drawings for rows not represented here will be sent out upon order.

QTY	Nominal Length	Run Length Overall	Alone / Start Length	Mid Length(s)	End Length
	4'	1225 [48.2]	4		1213 [47.8]
	8'	2442 [96.1]	8		2430 [95.7]
	12'	3661 [144.1]	12		3650 [143.7]
	16'	4881 [192.2]	8	8	2430 [95.7] 2438 [96.0]
	20'	6100 [240.2]	12	8	3650 [143.7] 2438 [96.0]
	24'	7319 [288.1]	12	12	3650 [143.7] 3658 [144.0]
	28'	8538 [336.1]	8	12	8 2430 [95.7] 3658 [144.0] 2438 [96.0]
	32'	9757 [384.1]	12	8	12 3650 [143.7] 2438 [96.0] 3658 [144.0]
	36'	10977 [432.2]	12	12	12 3650 [143.7] 3658 [144.0] 3658 [144.0]
	40'	12196 [480.2]	12	8, 8	12 3650 [143.7] 2438 [96.0] 2438 [96.0] 3658 [144.0]
	44'	13415 [528.1]	12	12, 8	12 3650 [143.7] 3658 [144.0] 2438 [96.0] 3658 [144.0]
	48'	14634 [576.1]	12	12, 12	12 3650 [143.7] 3658 [144.0] 3658 [144.0] 3658 [144.0]

ROWS IN PLAN VIEW

Rows are for demonstration purposes only and are not to scale.

LEGEND

- Standard Wire Entry Location
(located 52mm from end on top of fixture)
- Emergency (EM) / Night Light Location
- EM or Battery Wire Entry Location
(located 52mm from end on top of fixture)

Mounting Points

A A

A = Distance Between Mounting Points

EM / Night Light and EM or Battery Wire Entry location in relation to pod selections:

Example 20 ft run

Refer to page 3 for Hanger information

PHOTOMETRIC DATA - 3500K - L3

Optics Up: Meta Blanc
Optics Down: Meta Blanc

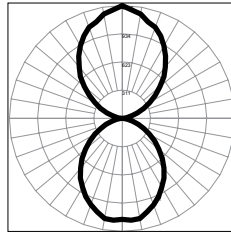
File Name: RM4DI-2L35K-4-MBMB-L3
Luminaire Lumens: 5096
Total Watts: 48.3
Efficacy: 106 lm/W

COEFFICIENTS OF UTILIZATION

Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	70	50	30	70	50	30		
RCR											
0	107	107	107	107	98	98	98	98	83	83	83
1	98	94	90	87	90	87	83	81	73	71	69
2	90	82	77	72	82	76	71	67	65	61	58
3	82	73	66	60	75	67	61	56	57	53	49
4	75	65	57	51	69	60	53	48	51	46	42
5	69	58	50	44	63	54	47	41	46	41	36
6	64	52	44	38	59	48	41	36	42	36	32
7	59	47	39	34	54	44	37	32	38	32	28
8	55	43	35	30	50	40	33	28	34	29	25
9	51	39	32	27	47	37	30	25	32	26	23
10	48	36	29	24	44	34	27	23	29	24	20

PHOTOMETRIC CURVE



LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angle		
	0	45	90
45	6785	3356	2698
55	5602	2338	1768
65	4291	1432	1063
75	2799	698	472
85	1096	134	111

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1114	1114	1114	1114	1114
10	1121	1090	1085	1101	1099
20	1013	1001	987	987	985
30	874	879	856	832	819
40	716	707	673	646	643
50	527	516	491	464	451
60	347	342	314	290	286
70	189	184	170	153	145
80	65	61	55	51	50
90	4	3	2	2	3
100	57	54	48	44	42
110	180	178	166	157	151
120	352	341	325	312	313
130	544	541	514	492	486
140	739	736	711	693	685
150	923	919	898	885	882
160	1068	1051	1052	1048	1033
170	1171	1151	1154	1149	1142
180	1245	1245	1245	1245	1245

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-20	403	7.9
0-30	830	16.3
0-40	1309	25.6
0-60	2117	41.5
0-80	2670	48.4
0-90	2498	48.9
10-90	2391	46.8
20-40	907	17.8
20-50	1355	26.5
40-70	1045	20.5
60-80	353	6.9
70-80	115	2.3
80-90	28	0.5
90-110	132	2.6
90-120	375	7.3
90-130	751	14.7
90-150	1731	33.9
90-180	2607	51.1
110-180	2475	48.5
0-180	5105	100

Optics Up: Meta Blanc
Optics Down: Drop Lens

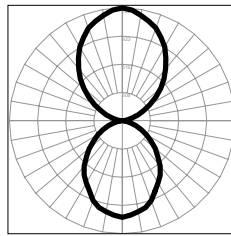
File Name: RM4DI-2L35K-4-MBMD-L3
Luminaire Lumens: 5160
Total Watts: 48.3
Efficacy: 106 lm/W

COEFFICIENTS OF UTILIZATION

Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	70	50	30	70	50	30		
RCR											
0	106	106	106	106	98	98	98	98	81	81	81
1	97	93	89	85	89	85	82	79	71	69	67
2	88	81	75	70	81	75	69	65	63	59	55
3	81	71	64	58	74	66	59	54	55	51	47
4	74	63	55	49	68	58	52	46	49	44	40
5	68	56	48	43	62	52	45	40	44	39	35
6	63	51	43	37	57	47	40	34	40	34	30
7	58	46	38	32	53	43	36	31	36	31	27
8	54	42	34	29	49	39	32	27	33	28	24
9	50	38	31	26	46	35	29	24	30	25	21
10	47	35	28	23	43	33	26	22	28	23	19

PHOTOMETRIC CURVE



LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angle		
	0	45	90
45	5895	2782	2323
55	4763	2020	1739
65	3695	1451	1253
75	2223	935	896
85	975	663	664

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1054	1054	1054	1054	1054
10	1008	981	1016	1006	978
20	926	922	908	892	899
30	785	784	768	752	749
40	646	621	606	583	588
50	470	460	451	443	444
60	304	310	311	317	321
70	163	178	193	205	208
80	57	73	101	115	119
90	7	24	52	66	71
100	58	70	89	97	95
110	184	195	201	202	199
120	346	353	358	348	345
130	547	538	539	524	528
140	738	735	737	725	708
150	928	918	919	903	918
160	1076	1062	1062	1038	1058
170	1167	1158	1163	1166	1155
180	1231	1231	1231	1231	1231

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-20	368	7.1
0-30	755	14.6
0-40	1187	23
0-60	1937	37.5
0-80	2333	45.1
0-90	2405	46.5
10-90	2308	44.7
20-40	819	15.8
20-50	1227	23.7
40-70	998	19.3
60-80	396	7.7
70-80	148	2.9
80-90	72	1.4
90-110	208	4
90-120	477	9.2
90-130	873	16.9
90-150	1877	36.3
90-180	2763	53.5
110-180	2555	49.4
0-180	5168	100

Optics Up: Rise Lens
Optics Down: Drop Lens

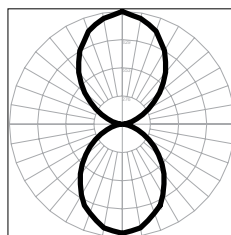
File Name: RM4DI-2L35K-4-MRMD-L3
Luminaire Lumens: 5199
Total Watts: 48.3
Efficacy: 107 lm/W

COEFFICIENTS OF UTILIZATION

Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	70	50	30	70	50	30		
RCR											
0	107	107	107	107	99	99	99	99	83	83	83
1	97	93	89	85	89	85	82	79	72	69	67
2	88	81	75	69	81	75	69	65	63	59	55
3	81	71	64	58	74	66	59	54	56	51	47
4	74	63	55	49	68	58	51	46	49	44	40
5	68	56	48	42	62	52	45	39	44	39	34
6	63	50	42	36	57	47	40	34	40	34	30
7	58	46	38	32	53	42	35	30	36	31	27
8	54	41	34	28	49	39	32	27	33	28	24
9	50	38	30	25	46	35	29	24	30	25	21
10	47	35	28	23	43	32	26	22	28	23	19

PHOTOMETRIC CURVE



LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angle		
	0	45	90
45	5827	2793	2370
55	4725	2028	1720
65	3546	1436	1255
75	2330	949	904
85	946	658	676

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1068	1068	1068	1068	1068
10	1030	1022	992	1012	966
20	926	911	909	903	889
30	797	795	782	761	756
40	638	637	631	611	607
50	465	477	477	474	479
60	306	319	346	351	364
70	161	190	228	247	256
80	60	92	140	168	174
90	9	45	99	130	135
100	48	82	136	169	175
110	154	181	228	257	270
120	299	316	350	380	388
130	479	482	485	509	518
140	664	658	654	656	649
150	830	828	816	813	802
160	970	957	949	956	951
170	1051	1059	1063	1046	1070
180	1106	1106	1106	1106	1106

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-20	371	7
0-30	762	15
0-40	1202	23
0-60	1990	38
0-80	2446	47
0-90	2559	49
10-90	2461	47
20-40	832	16
20-50	1258	24
4		

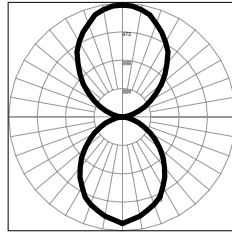
PHOTOMETRIC DATA - 3500K - L3

Optics Up: Meta Ice
 Optics Down: Meta Ice
 File Name: RM4DI-2L35K-4-MM-L3
 Luminaire Lumens: 5406
 Total Watts: 48.3
 Efficacy: 111 lm/W

COEFFICIENTS OF UTILIZATION
 Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
RCR											
0	107	107	107	107	98	98	98	98	82	82	82
1	98	94	90	87	90	87	83	80	73	71	69
2	89	82	76	71	82	76	71	67	64	61	57
3	82	73	66	60	75	67	61	56	57	53	49
4	75	65	57	51	69	60	53	48	51	46	42
5	69	58	50	44	63	54	47	41	46	40	36
6	64	52	44	38	59	48	41	36	41	36	32
7	59	47	39	34	54	44	37	32	38	32	28
8	55	43	35	30	50	40	33	28	34	29	25
9	51	39	32	27	47	36	30	25	32	26	23
10	48	36	29	24	44	34	27	23	29	24	20

PHOTOMETRIC CURVE



LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angle		
	0	45	90
45	7113	3590	2830
55	5881	2452	1850
65	4429	1503	1098
75	2915	715	502
85	1038	152	110

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1215	1215	1215	1215	1215
10	1150	1161	1160	1159	1134
20	1063	1053	1053	1039	1032
30	921	923	906	871	866
40	747	734	707	676	670
50	557	542	512	488	471
60	368	359	331	304	294
70	200	191	170	157	153
80	69	66	58	54	51
90	4	3	3	3	3
100	61	57	53	46	44
110	196	189	180	167	163
120	375	373	350	332	330
130	583	573	554	528	513
140	790	790	765	749	739
150	985	987	969	958	949
160	1130	1121	1116	1112	1105
170	1242	1231	1231	1251	1225
180	1276	1276	1276	1276	1276

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-20	423	7.8
0-30	874	16.1
0-40	1378	25.4
0-60	2227	41.1
0-80	2595	47.9
0-90	2624	48.5
10-90	2511	46.4
20-40	955	17.6
20-50	1428	26.4
40-70	1097	20.3
60-80	368	6.8
70-80	120	2.2
80-90	29	0.5
90-110	141	2.6
90-120	402	7.4
90-130	803	14.8
90-150	1855	34.3
90-180	2792	51.5
110-180	2651	48.9
0-180	5415	100

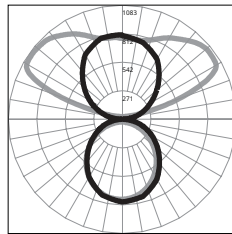
Optics Up: Batwing
 Optics Down: Meta Blanc

File Name: RM4DI-2L35K-4-BWMB-L3
 Luminaire Lumens: 5612
 Total Watts: 48
 Efficacy: 117 lm/W

COEFFICIENTS OF UTILIZATION
 Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
RCR											
0	104	104	104	104	95	95	95	95	77	77	77
1	95	91	87	83	86	82	79	76	67	65	62
2	86	79	73	68	78	72	67	62	58	55	52
3	79	69	62	56	71	63	57	52	51	47	43
4	72	61	53	47	65	56	49	44	46	41	37
5	66	54	46	40	60	50	43	37	41	36	32
6	61	49	41	35	55	45	38	32	37	31	27
7	56	44	36	31	51	40	33	28	33	28	24
8	52	40	32	27	47	36	30	25	30	25	21
9	48	36	29	24	44	33	27	22	28	22	19
10	45	33	26	21	41	30	24	20	25	20	17

PHOTOMETRIC CURVE



LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angle		
	0	45	90
45	6024	6260	5926
55	5807	5972	5563
65	5658	5885	5074
75	5566	5976	4425
85	5622	7123	2935

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	784	784	784	784	784
10	775	775	775	776	779
20	766	765	763	763	765
30	757	755	749	743	743
40	723	728	733	717	714
50	689	694	698	686	679
60	656	659	658	651	637
70	602	614	616	613	590
80	548	559	572	567	540
90	494	505	513	511	486
100	440	450	455	453	429
110	386	396	397	393	370
120	332	343	342	331	310
130	277	288	288	264	249
140	222	233	235	200	189
150	167	178	179	140	133
160	112	123	125	89	79
170	57	68	72	52	30
180	2	13	19	19	12

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-20	284	5.1
0-30	599	10.7
0-40	971	17.3
0-60	1678	29.9
0-80	2089	37.2
0-90	2150	38.3
10-90	2077	37
20-40	688	12.3
20-50	1063	18.9
40-70	960	17.1
60-80	412	7.3
70-80	158	2.8
80-90	61	1.1
90-110	481	8.6
90-120	1070	19.1
90-130	1709	30.4
90-150	2796	49.8
90-180	3461	61.7
110-180	2980	53.1
0-180	5612	100