

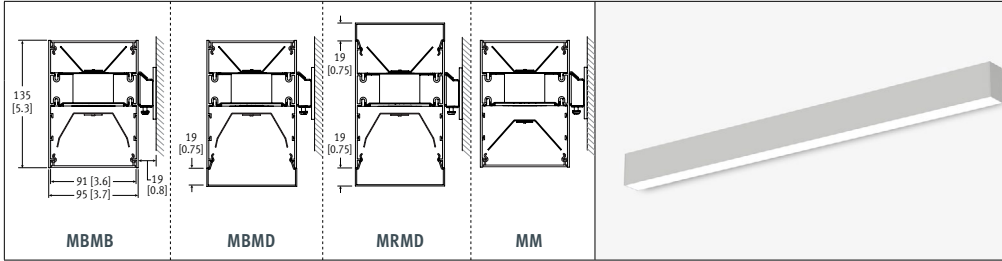
# Rail 4 RM4DI

LED . Wall . Direct/Indirect



See p.2 for DLC Approved Products

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



## ORDERING LOGIC

Example Part Number: RM4DI-1L35K-12-MBMB-W-L31-W-1-D-90

RM4DI							W																																																																										
Series	Color Temp	Length	Optics	Finish	LL/Driver	Circuitry	Mounting	Voltage	Controls	Options																																																																							
<b>Color Temp</b>		<b>Optics</b>		<b>Light Level (LL) / Driver</b>			<b>Circuitry</b>		<b>Controls</b>																																																																								
2L30K = 3000K	90 CRI is available under Options	MBMB = Up: Meta Blanc Down: Meta Blanc		<b>Performance at 3500K</b> 0-10V Dimming (Standard) Integral drivers			1 = 1 Circuit		= None (leave space empty)																																																																								
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 (lm/W)</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 (lm/W)	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
Optics		Light Level	Lumens Delivered	Wattage	Efficacy (lm/W)																																																																												
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2L40K = 4000K	MRMD = Up: Rise Lens Down: Drop Lens		EM = Emergency / Night Light		O = Occupancy Sensor		B = Battery Pack		DO = Daylight & Occupancy Sensor																																																																								
<b>Length</b>		<b>Finish</b>		<b>Mounting</b>		<b>Options</b>																																																																											
2LTUN = 2-White Tunable (2700 - 6500K)	BWMB = Up: Batwing Down: Meta Blanc		W = White		W = Wall		90 = 90 CRI																																																																										
2 = 2 ft	8 = 8 ft	BWMD = Up: Batwing Down: Drop Lens **		B = Black		Voltage		= None (leave space empty)																																																																									
3 = 3 ft	9 = 9 ft	BWM = Up: Batwing Down: Meta Ice		C = Custom Finish Specify RAL#:		1 = 120 V																																																																											
4 = 4 ft	10 = 10 ft	<b>Meta Blanc:</b> Opal Diffuse <b>Rise/Drop Lens:</b> Opal Diffuse <b>Meta Ice:</b> High Output Semi-Diffuse				2 = 277 V																																																																											
5 = 5 ft	11 = 11 ft					3 = 347 V																																																																											
6 = 6 ft	12 = 12 ft					4 = UNV (120-277V)																																																																											
7 = 7 ft						For other voltage, consult factory																																																																											
R = Continuous Rows (See p.3)																																																																																	
C = Custom Length (Consult factory)																																																																																	
_ = None (leave space empty)																																																																																	

## 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:** Mounting plate provided.

**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\_W\_SPEC\_SHEET\_20191121

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

## 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.




**DAMP** Suitable for dry or damp locations.

	<b>DLC Approved RM4DI Products</b>	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 <a href="#">DLC Website</a>
		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	

## MOUNTING - CONTINUOUS ROWS




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



Step 2)  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	Diagram
	4'	1225 [48.2]	4			
	8'	2442 [96.1]	8			
	12'	3661 [144.1]	12			
	16'	4881 [192.2]	8	8		
	20'	6100 [240.2]	12	8		
	24'	7319 [288.1]	12	12		
	28'	8538 [336.1]	8	12	8	
	32'	9757 [384.1]	12	8	12	
	36'	10977 [432.2]	12	12	12	
	40'	12196 [480.2]	12	8, 8	12	
	44'	13415 [528.1]	12	12, 8	12	
	48'	14634 [576.1]	12	12, 12	12	

### LEGEND

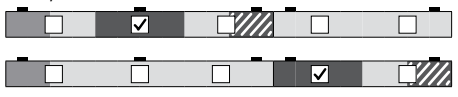
-  Standard Wire Entry Location  
(located on back of fixture either: 231 mm from end cap, or 229 mm from end of extrusion without end cap)
-  Emergency (EM) / Night Light Location (4 ft sections)
-  EM Wire Entry or Battery Pack Location  
(located 231 mm from end on back of fixture)

 Wall bracket
   
  


- = 231 [9.1] Distance between end-cap and bracket
- ▲ = 458 [18.0] Distance between brackets at joiners
- A = Distance between brackets
- B = Extrusion lengths (includes end-caps)

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

Example 20 ft run



**PHOTOMETRIC DATA - 3500K - L3**

Optics Up: Meta Blanc  
Optics Down: Meta Blanc

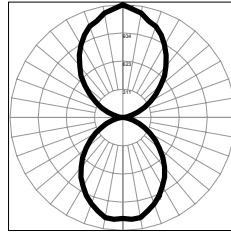
File Name: RM4DI-2L35K-4-MBMB-L3  
Luminaire Lumens: 5096  
Total Watts: 48.3  
Efficacy: 106 lm/W

**COEFFICIENTS OF UTILIZATION**

Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
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	154	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	2470	48.4
<b>0-90</b>	<b>2498</b>	<b>48.9</b>
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
<b>90-180</b>	<b>2607</b>	<b>51.1</b>
110-180	2475	48.5
0-180	5105	100

Optics Up: Meta Blanc  
Optics Down: Drop Lens

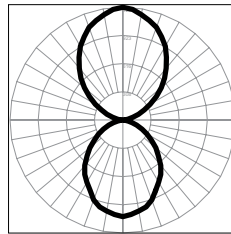
File Name: RM4DI-2L35K-4-MBMD-L3  
Luminaire Lumens: 5160  
Total Watts: 48.3  
Efficacy: 106 lm/W

**COEFFICIENTS OF UTILIZATION**

Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
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	35	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
<b>0-90</b>	<b>2405</b>	<b>46.5</b>
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
<b>90-180</b>	<b>2763</b>	<b>53.5</b>
110-180	2555	49.4
0-180	5168	100

Optics Up: Rise Lens  
Optics Down: Drop Lens

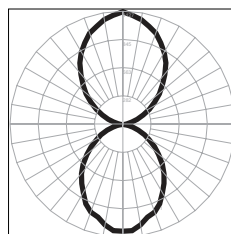
File Name: RM4DI-2L35K-4-MRMD-L3  
Luminaire Lumens: 5200  
Total Watts: 48.3  
Efficacy: 107 lm/W

**COEFFICIENTS OF UTILIZATION**

Zonal Cavity Method | Effective Floor Cavity Reflectance = .20

RC RW	80			70			50				
	70	50	30	10	70	50	30	10	50	30	10
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	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	1065	1065	1065	1065	1065
10	1018	1024	1009	990	1011
20	931	913	903	899	900
30	789	798	776	757	761
40	641	633	630	616	610
50	467	473	474	478	481
60	303	317	345	358	358
70	166	192	228	250	255
80	60	90	139	166	177
90	10	45	100	131	140
100	49	83	135	164	173
110	154	181	226	257	266
120	307	318	352	375	383
130	478	485	494	509	507
140	652	662	659	655	651
150	829	819	826	815	818
160	970	959	980	959	954
170	1063	1050	1049	1064	1058
180	1127	1127	1127	1127	1127

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Fixt
0-20	370	7.1
0-30	760	14.6
0-40	1200	23
0-60	1987	38.2
0-80	2443	46.9
<b>0-90</b>	<b>2557</b>	<b>49.1</b>
10-90	2458	47.2
20-40	830	15.9
20-50	1255	24.1
40-70	1063	20.4
60-80	456	8.8
70-80	181	3.5
80-90	114	2.2
90-110	289	5.5

**PHOTOMETRIC DATA - 3500K - L3**

Optics Up: Meta Ice  
Optics Down: Meta Ice

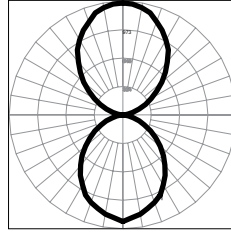
File Name: RM4DI-2L35K-4-MM-L3  
Luminaire Lumens: 5406  
Total Watts: 48.3  
Efficacy: 111 lm/W

**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	10
RCR												
0	107	107	107	107	98	98	98	98	82	82	82	82
1	98	94	90	87	90	87	83	80	73	71	69	69
2	89	82	76	71	82	76	71	67	64	61	57	57
3	82	73	66	60	75	67	61	56	57	53	49	49
4	75	65	57	51	69	60	53	48	51	46	42	42
5	69	58	50	44	63	54	47	41	46	40	36	36
6	64	52	44	38	59	48	41	36	41	36	32	32
7	59	47	39	34	54	44	37	32	38	32	28	28
8	55	43	35	30	50	40	33	28	34	29	25	25
9	51	39	32	27	47	36	30	25	32	26	23	23
10	48	36	29	24	44	34	27	23	29	24	20	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
<b>0-90</b>	<b>2624</b>	<b>48.5</b>
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
<b>90-180</b>	<b>2792</b>	<b>51.5</b>
110-180	2651	48.9
0-180	5415	100

Optics Up: Batwing  
Optics Down: Meta Blanc

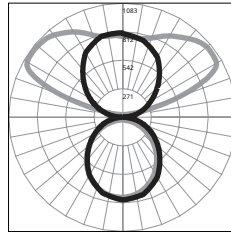
File Name: RM4DI-2L35K-4-BWMB-L3  
Luminaire Lumens: 5612  
Total Watts: 48  
Efficacy: 117 lm/W

**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	10
RCR												
0	104	104	104	104	95	95	95	95	77	77	77	77
1	95	91	87	83	86	82	79	76	67	65	62	62
2	86	79	73	68	78	72	67	62	58	55	52	52
3	79	69	62	56	71	63	57	52	51	47	43	43
4	72	61	53	47	65	56	49	44	46	41	37	37
5	66	54	46	40	60	50	43	37	41	36	32	32
6	61	49	41	35	55	45	38	32	37	31	27	27
7	56	44	36	31	51	40	33	28	33	28	24	24
8	52	40	32	27	47	36	30	25	30	25	21	21
9	48	36	29	24	44	33	27	22	28	22	19	19
10	45	33	26	21	41	30	24	20	25	20	17	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
<b>0-90</b>	<b>2150</b>	<b>38.3</b>
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
<b>90-180</b>	<b>3461</b>	<b>61.7</b>
110-180	2980	53.1
0-180	5612	100

Photometric performance is measured and scaled in accordance with IESNA LM-79.