

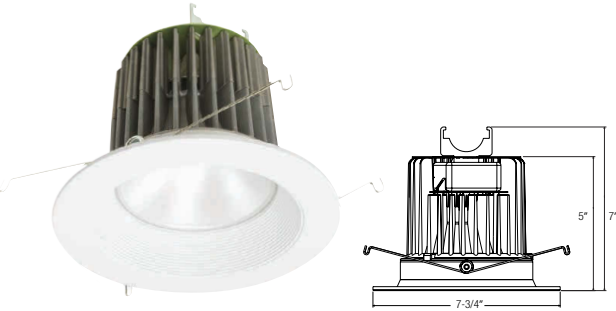


## BAFFLE

### RL630- **A** - **B** - **C** - **D** - **E**

(A) LUMEN SERIES	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) FINISH
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> P-WH <input type="checkbox"/> P-BK <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)			
<input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT			

LED (Retrofit) Die-cast Aluminum Lensed Stepped Baffle  
See ordering chart for compatible housing on page 110, 111, 112 & 113



RL630- **A** - **B** - **C** - **D** -W-WH  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)

RL630- **A** - **B** - **C** - **D** -P-WH  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)

RL630- **A** - **B** - **C** - **D** -SN-SN  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)

Photometric Multiplier 1.0

Photometric Multiplier .75

Photometric Multiplier .92



RL630- **A** - **B** - **C** - **D** -CP-CP  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)

RL630- **A** - **B** - **C** - **D** -P-BK  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)

RL630- **A** - **B** - **C** - **D** -BZ-BZ  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)

Photometric Multiplier .87

Photometric Multiplier .75

Photometric Multiplier .85

## BAFFLE WALL WASH

### RL611- **A** - **B** - **C** - **D** - **E**

(A) LUMENS	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) FINISH
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> W-W-WH <input type="checkbox"/> SN-SN-WH <input type="checkbox"/> P-W-WH <input type="checkbox"/> P-BK-WH <input type="checkbox"/> CP-CP-WH <input type="checkbox"/> BZ-BZ-WH
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)			
<input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT			

LED (Retrofit) Die-cast Aluminum Lensed Stepped Baffle Wall Wash  
See ordering chart for compatible housing on page 110, 111, 112 & 113



### Ordering Guide for Compatible Housing

RL630-650L-DIMTR-120 RL630-900L-DIMTR-120	Page	RL630-650L-DIM10 RL630-900L-DIM10	Page	RL630-1200L-DIMTR	Page	RL630-1200L-DIM10	Page	RL630-650L-277 (Non Dimmable) RL630-900L-277 (Non Dimmable)	Page
LD6IC-AT-DIMTR-120	312	LD6IC-AT-DIM10-120	312	LD6-AT-DIMTR-120	314	LD6-AT-DIM10-120	314	LD600IC-AT-277	310
LD6RIC-AT-DIMTR-120	313	LD6IC-AT-DIM10-277	312	LD6R-AT-DIMTR-120	315	LD6-AT-DIM10-277	314	LD6IC-AT-277	312
LD6-AT-DIMTR-120	314	LD6-AT-DIM10-120	314	LD600IC-AT-120	310	LD6R-AT-DIM10-120	315	LD6RIC-AT-277	313
LD6R-AT-DIMTR-120	315	LD6-AT-DIM10-277	314	HLD6-AT-DIMTR-120	112	LD6R-AT-DIM10-277	315	LD6-AT-277	314
LD600IC-AT-120	310	LD6RIC-AT-DIM10-120	313	HLD6R-AT-DIMTR-120	113	LD600IC-AT-120	310	LD6R-AT-277	315
HLD6IC-AT-DIMTR-120	110	LD6RIC-AT-DIM10-277	313	EZ6IC-AT	868	LD600IC-AT-277	310	HLD6IC-AT-277	110
HLD6RIC-AT-DIMTR-120	111	LD6R-AT-DIM10-120	315	EZ6RIC-AT	868	HLD6-AT-DIM10-120	112	HLD6RIC-AT-277	111
HLD6-AT-DIMTR-120	112	LD6R-AT-DIM10-277	315			HLD6-AT-DIM10-277	112	HLD6-AT-277	112
HLD6R-AT-DIMTR-120	113	LD600IC-AT-120	310			HLD6R-AT-DIM10-120	113	HLD6R-AT-277	113
EZ6IC-AT	868	LD600IC-AT-277	310			HLD6R-AT-DIM10-277	113	EZ6IC-AT	868
EZ6RIC-AT	868	HLD6IC-AT-DIM10-120	110					EZ6RIC-AT	868
		HLD6RIC-AT-DIM10-120	111						
		HLD6-AT-DIM10-120	112						
		HLD6R-AT-DIM10-120	113						
		HLD6IC-AT-DIM10-277	110						
		HLD6RIC-AT-DIM10-277	111						
		HLD6-AT-DIM10-277	112						
		HLD6R-AT-DIM10-277	113						

LED  
6"

6 INCH ARCHITECTURAL LED MODULE

**REFLECTOR**

**RL607- (A) - (B) - (C) - (D) - (E)**

(A) LUMENS	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) FINISH	
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> SN-WH <input type="checkbox"/> CL-WH <input type="checkbox"/> CL-CH <input type="checkbox"/> SN-SN <input type="checkbox"/> RG-WH	<input type="checkbox"/> RG-PB <input type="checkbox"/> MB-WH <input type="checkbox"/> MB-BK <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)				
<input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT				

LED (Retrofit) Die-cast Aluminum Lensed Reflector  
See ordering chart for compatible housing on page 110, 111, 112 & 113



**RL607- (A) - (B) - (C) - (D) -MB-WH**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .77*



**RL607- (A) - (B) - (C) - (D) -MB-BK**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .77*



**RL607- (A) - (B) - (C) - (D) -CL-WH**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier 1.0*



**RL607- (A) - (B) - (C) - (D) -BZ-BZ**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .87*



**RL607- (A) - (B) - (C) - (D) -SN-WH**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .87*



**RL607- (A) - (B) - (C) - (D) -CL-CH**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier 1.0*



**RL607- (A) - (B) - (C) - (D) -CP-CP**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .90*



**RL607- (A) - (B) - (C) - (D) -SN-SN**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .87*



**RL607- (A) - (B) - (C) - (D) -W-WH**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .95*



**RL607- (A) - (B) - (C) - (D) -RG-PB**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .90*



**RL607- (A) - (B) - (C) - (D) -RG-WH**  
(WATTAGE) (VOLTAGE/DRIVER) (CCT) (CRI)  
*Photometric Multiplier .90*

**RL622- (A) - (B) - (C) - (D) - (E)**

(A) LUMENS	(B) VOLTAGE/DRIVER	(C) CCT	(D) CRI	(E) FINISH	
<input type="checkbox"/> 650L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> 277 (non dimmable)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K (85+ CRI only)	<input type="checkbox"/> 85+ <input type="checkbox"/> 90+	<input type="checkbox"/> SN-W-WH <input type="checkbox"/> CL-W-WH <input type="checkbox"/> CL-CH-WH <input type="checkbox"/> SN-SN-WH <input type="checkbox"/> RG-W-WH	<input type="checkbox"/> RG-PB-WH <input type="checkbox"/> MB-W-WH <input type="checkbox"/> MB-BK-WH <input type="checkbox"/> CP-CP-WH <input type="checkbox"/> BZ-BZ-WH
<input type="checkbox"/> 900L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT <input type="checkbox"/> 277 (non dimmable)				
<input type="checkbox"/> 1200L	<input type="checkbox"/> DIMTR-120 <input type="checkbox"/> DIM10-MVOLT				

LED (Retrofit) Die-cast Aluminum Lensed Stepped Reflector Wall Wash  
See ordering chart for compatible housing on page 110, 111, 112 & 113

**REFLECTOR WALL WASH**

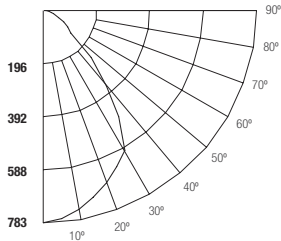


6 INCH ARCHITECTURAL LED MODULE

## RL630-1200L-DIMTR-120-85-40K-W-WH

INPUT WATTS: **20.9** LUMENS: **1262** CRI: **85+** EFFICACY: **60.4** CCT: **4000K** TEST NO.: **EL-0913116** SPACING CRITERIA: **1.18**

### Candle Power Distribution (Candelas)



Cone of Light		
4.0	49.0	6.7'
8.0	12.2	13.5'
12.0	5.4	20.2'
16.0	3.1	27.0'
20.0	2.0	33.7'
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	274.32	21.80	21.70
0-30	569.29	45.30	45.10
0-40	879.88	70.00	69.70
0-60	1169.47	93.00	92.70
0-80	1251.5	99.50	99.20
0-90	1261.62	100.30	100.00

### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	19084	21982	19743
55	10247	10338	7143
65	8114	6385	6002
75	6477	6128	5910
85	7114	6504	729

### Lumens Per Zone

Zone	Lumens
0-10	72.87
10-20	201.45
20-30	294.97
30-40	310.59
40-50	201.79
50-60	87.80
60-70	51.70
70-80	30.32
80-90	10.12

### Candela Tabulation

0	100
0	783
5	770
15	713
25	638
35	479
45	246
55	107
65	62
75	30
85	11
90	1.6

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC		80%				70%				50%				30%				10%				0%						
	RW	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%
0	119	119	119	119	119	117	117	117	117	111	111	111	107	107	107	102	102	102	100	100	100	100	100	100	100	100	100	100	100
1	112	108	105	102	102	109	106	103	100	102	99	97	98	96	94	94	93	91	89	86	84	81	80	80	80	80	80	80	80
2	104	98	92	88	88	102	96	91	87	93	89	85	89	86	83	87	84	81	78	75	73	71	71	71	71	71	71	71	71
3	97	89	82	77	77	95	87	81	76	84	79	75	82	78	74	79	76	73	71	68	65	64	64	64	64	64	64	64	64
4	91	81	74	68	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64	61	58	57	57	57	57	57	57	57	57
5	85	74	67	61	61	83	73	66	61	71	65	60	69	64	60	67	63	59	57	54	52	52	52	52	52	52	52	52	52
6	79	68	60	55	55	77	67	60	55	65	59	54	64	58	54	62	57	54	52	49	47	47	47	47	47	47	47	47	47
7	74	63	55	50	50	73	62	55	50	60	54	49	59	53	49	58	53	49	47	44	42	42	42	42	42	42	42	42	42
8	70	58	51	46	46	68	57	50	45	56	50	45	55	49	45	54	49	45	43	40	38	38	38	38	38	38	38	38	38
9	65	54	47	42	42	64	53	46	42	52	46	41	51	45	41	50	45	41	38	35	33	33	33	33	33	33	33	33	33
10	62	50	43	38	38	61	50	43	38	49	43	38	48	42	38	47	42	38	35	32	30	30	30	30	30	30	30	30	30

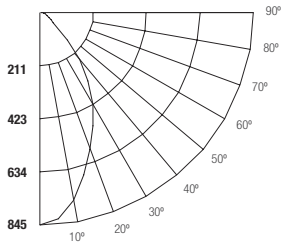
RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

## RL630-900L-DIMTR-120-85-40K-W-WH

INPUT WATTS: **14.7** LUMENS: **911** CRI: **85+** EFFICACY: **62** CCT: **4000K** TEST NO.: **EL-0913115** SPACING CRITERIA: **0.94**

### Candle Power Distribution (Candelas)



Cone of Light		
4.0	52.8	4.6'
8.0	13.2	9.3'
12.0	5.9	13.9'
16.0	3.3	18.6'
20.0	2.1	23.2'
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	258.97	28.50	28.40
0-30	486.23	53.60	53.30
0-40	697.47	76.90	76.50
0-60	866.44	95.50	95.00
0-80	906.95	100.00	99.40
0-90	912.15	100.60	100.00

### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	11937	13586	11937
55	5112	5584	3378
65	4015	3123	3083
75	3166	3117	3022
85	3437	3375	396

### Lumens Per Zone

Zone	Lumens
0-10	75.34
10-20	183.63
20-30	227.26
30-40	211.24
40-50	124.55
50-60	44.41
60-70	25.30
70-80	15.21
80-90	5.19

### Candela Tabulation

0	100
0	845
5	822
15	668
25	500
35	332
45	154
55	53
65	30
75	14
85	5
90	0

### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC		80%				70%				50%				30%				10%				0%						
	RW	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%
0	120	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	101	101	101	101	101	101	101	101	101	101	101
1	113	109	106	104	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91	89	86	84	82	82	82	82	82	82	82
2	106	100	95	91	91	103	98	94	90	95	91	88	92	89	86	89	86	84	82	79	76	75	75	75	75	75	75	75	75
3	99	92	86	81	81	97	90	85	80	87	83	79	85	81	78	82	79	76	75	72	70	68	68	68	68	68	68	68	68
4	93	84	78	73	73	91	83	77	72	81	75	71	79	74	70	77	73	70	68	65	63	62	62	62	62	62	62	62	62
5	88	78	71	66	66	86	77	70	65	75	69	65	73	68	64	71	67	64	62	59	57	57	57	57	57	57	57	57	57
6	82	72	65	60	60	81	71	65	60	69	64	59	68	63	59	67	62	58	57	54	52	52	52	52	52	52	52	52	52
7	78	67	60	55	55	76	66	60	55	65	59	55	63	58	54	62	57	54	52	49	47	47	47	47	47	47	47	47	47
8	73	62	55	51	51	72	62	55	51	61	55	50	59	54	50	58	54	50	48	45	43	43	43	43	43	43	43	43	43
9	69	58	52	47	47	68	58	51	47	57	51	47	56	50	47	55	50	46	45	42	40	40	40	40	40	40	40	40	40
10	66	55	48	44	44	65	54	48	44	53	47	43	52	47	43	52	47	43	42	40	38	38	38	38	38	38	38	38	38

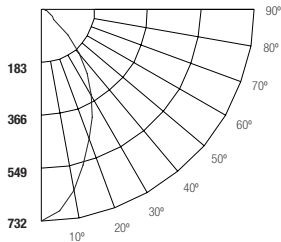
RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

## RL630-650L-DIMTR-120-85-40K-W-WH

INPUT WATTS: **13.9** LUMENS: **767** CRI: **85+** EFFICACY: **55.2** CCT: **4000K** TEST NO.: **EL-0913114** SPACING CRITERIA: **0.92**

### Candle Power Distribution (Candelas)



Cone of Light		
4.0	45.7	4.4'
8.0	11.4	8.8'
12.0	5.1	13.2'
16.0	2.9	17.6'
20.0	1.8	22.0'
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	222.89	29.20	29.10
0-30	413.37	54.20	53.90
0-40	586.81	77.00	76.50
0-60	728.39	95.50	95.00
0-80	762.44	100.00	99.40
0-90	766.94	100.60	100.00

### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	9878	11109	9966
55	4364	4678	2782
65	3397	2582	2547
75	2673	2569	2508
85	3117	2866	308

### Lumens Per Zone

Zone	Lumens
0-10	65.23
10-20	157.66
20-30	190.48
30-40	173.44
40-50	103.69
50-60	37.90
60-70	21.27
70-80	12.78
80-90	4.49

### Candela Tabulation

0	100
0	731
5	698
15	556
25	410
35	271
45	127
55	45
65	26
75	12
85	4
90	1

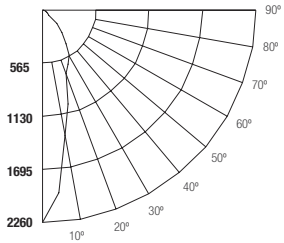
### Coefficients of Utilization - Zonal Cavity Method

**RL607-1200L-DIMTR-120-90-30K-CL-WH**

TEST NO.: **EL-101372**

INPUT WATTS: **19** LUMENS: **1209** CRI: **90+** EFFICACY: **63.6** CCT: **3000K** SPACING CRITERIA: **0.54**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	420.37	35.20	34.80
0-30	701.34	58.70	58.00
0-40	972.62	81.50	80.40
0-60	1181.9	99.00	97.70
0-80	1207.54	101.10	99.90
0-90	1209.2	101.30	100.00

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	15769	17594	14146
55	6465	6577	3945
65	3802	2465	2048
75	1684	952	671
85	2231	1219	44

**Lumens Per Zone**

Zone	Lumens
0-10	159.82
10-20	260.54
20-30	280.98
30-40	271.27
40-50	157.67
50-60	51.61
60-70	19.86
70-80	5.77
80-90	1.66

**Candela Tabulation**

Q	0	103	103	101
0	2259			
5	1951			
15	1035			
25	635			
35	436			
45	203			
55	67			
65	29			
75	7			
85	3			
90	1			

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%			
		RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%	50%	30%	10%	10%	30%	10%	0%			
0	121	121	121	121	121	118	118	118	118	113	113	113	108	108	108	103	103	103	101	101	101	101			
1	114	111	109	106	106	112	109	107	104	105	103	101	101	100	98	98	96	95	95	93	93				
2	108	103	98	94	94	106	101	97	93	97	94	91	94	92	89	92	89	87	87	86	86				
3	102	95	89	85	85	100	93	88	84	91	86	83	88	84	81	86	83	80	80	78	78				
4	96	88	82	77	77	94	87	81	76	84	79	75	82	78	75	80	77	74	74	72	72				
5	91	81	75	70	70	89	81	74	70	79	73	69	77	72	69	75	71	68	68	66	66				
6	86	76	69	65	65	84	75	69	64	74	68	64	72	67	64	71	66	63	63	62	62				
7	81	71	64	60	60	80	70	64	60	69	63	59	68	63	59	67	62	59	57	57	57				
8	77	67	60	56	56	76	66	60	56	65	59	55	64	59	55	63	58	55	53	53	53				
9	73	63	56	52	52	72	62	56	52	61	56	52	60	55	52	59	55	51	50	50	50				
10	70	59	53	49	49	69	59	53	49	58	52	49	57	52	48	56	52	48	47	47	47				

**Cone of Light**

Distance to Plane	Initial Footcandle at Nadir	Beam diameter
4.0	141.2	1.7'
8.0	35.3	3.5'
12.0	15.7	5.2'
16.0	8.8	6.9'
20.0	5.6	8.7'

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

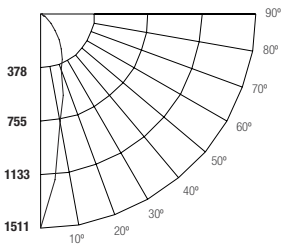
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

**RL607-900L-DIMTR-120-90-30K-CL-WH**

TEST NO.: **EL-101373**

INPUT WATTS: **15.3** LUMENS: **685** CRI: **90+** EFFICACY: **44.8** CCT: **3000K** SPACING CRITERIA: **0.50**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	266.20	39.50	38.90
0-30	431.58	64.00	63.00
0-40	574.52	85.20	83.90
0-60	673.89	99.90	98.40
0-80	683.85	101.40	99.90
0-90	684.65	101.50	100.00

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	7338	8178	6841
55	2273	2771	1492
65	1352	965	805
75	652	339	188
85	1100	685	25

**Lumens Per Zone**

Zone	Lumens
0-10	102.77
10-20	163.43
20-30	165.38
30-40	142.94
40-50	77.70
50-60	21.67
60-70	7.79
70-80	2.16
80-90	0.81

**Candela Tabulation**

Q	0	103	103	101
0	1510			
5	1172			
15	593			
25	353			
35	223			
45	94			
55	23			
65	10			
75	3			
85	1			
90	1			

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%			
		RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%	50%	30%	10%	10%	30%	10%	0%			
0	121	121	121	121	121	118	118	118	118	113	113	113	108	108	108	104	104	104	102	102	102	102			
1	115	112	109	107	107	112	110	107	105	106	104	102	102	100	99	98	97	96	94	94	94	94			
2	109	104	99	96	96	107	102	98	95	99	95	93	96	93	91	93	91	89	87	87	87	87			
3	103	96	91	87	87	101	95	90	86	92	88	85	90	86	83	87	84	82	80	80	80	80			
4	98	90	84	79	79	96	88	83	79	86	82	78	84	80	77	82	79	76	74	74	74	74			
5	92	84	77	73	73	91	83	77	73	81	76	72	79	75	71	78	74	71	69	69	69	69			
6	88	78	72	68	68	86	78	72	67	76	71	67	75	70	66	73	69	66	64	64	64	64			
7	83	74	67	63	63	82	73	67	63	72	66	62	70	66	62	69	65	62	60	60	60	60			
8	79	69	63	59	59	78	69	63	59	68	62	58	67	62	58	66	61	58	56	56	56	56			
9	76	66	59	55	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53	53	53	53			
10	72	62	56	52	52	71	62	56	52	61	55	52	60	55	52	59	55	52	50	50	50	50			

**Cone of Light**

Distance to Plane	Initial Footcandle at Nadir	Beam diameter
4.0	94.4	1.6'
8.0	23.6	3.1'
12.0	10.5	4.7'
16.0	5.9	6.3'
20.0	3.8	7.8'

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

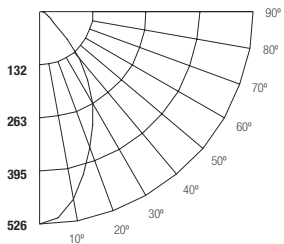
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

**RL630-650L-DIMTR-120-90-30K-W-WH**

TEST NO.: **EL-101346**

INPUT WATTS: **13** LUMENS: **622** CRI: **90+** EFFICACY: **47.8** CCT: **3000K** SPACING CRITERIA: **1.00**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	167.54	27.10	26.90
0-30	320.63	51.80	51.50
0-40	465.48	75.20	74.80
0-60	589.52	95.20	94.70
0-80	618.59	99.90	99.40
0-90	622.19	100.50	100.00

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	9550	10480	9401
55	4827	4324	2489
65	3310	2029	2022
75	2108	1991	1945
85	2382	2199	220

**Lumens Per Zone**

Zone	Lumens
0-10	47.42
10-20	120.13
20-30	153.09
30-40	144.85
40-50	89.85
50-60	34.19
60-70	18.46
70-80	10.61
80-90	3.59

**Candela Tabulation**

Q	0	103	103	101
0	522			
5	523			
15	455			
25	255			
35	243			
45	123			
55	50			
65	25			
75	9			
85	3			
90	0			

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%			
		RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%	50%	30%	10%	10%	30%	10%	0%			
0	120	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	100	100	100	100			
1	113	109	106	103	103	110	107	104	102	103	101	99	99	97	96	96	94	93	91	91	91	91			
2	106	100	95	90	90	103	98	93	89	94	91	87	91	88	85	88	86	84	82	82	82	82			
3	99	91	85	80	80	97	90	84	79	87	82	78	84	8											