

BAFFLE and REFLECTOR LED RETROFIT MODULE



EXAMPLE: **SC6-LED-DIMTR-CM-WH-RL607-750L-DIMTR-120-30K-90-W-WH**

HOUSING TYPE	DIMMING	MOUNTING	FINISH
SC6-LED	<input type="checkbox"/> DIMTR (Triac Dimming Compatible) <input type="checkbox"/> DIM10- (0-10V Dimming Compatible)	<input type="checkbox"/> CM- Ceiling Mount <input type="checkbox"/> WM- Wall Mount <input type="checkbox"/> PM12"- Pendant Mount	<input type="checkbox"/> PM18"- Pendant Mount <input type="checkbox"/> PM24"- Pendant Mount <input type="checkbox"/> PM36"- Pendant Mount <input type="checkbox"/> PM48"- Pendant Mount <input type="checkbox"/> WH- WHITE <input type="checkbox"/> BK-BLACK <input type="checkbox"/> BZ-BRONZE <input type="checkbox"/> SI-SILVER

Example: **RL630-750L-DIMTR-120-30K-W-WH**

MODULE	750L SERIES	900L SERIES	1200L SERIES	CCT	CRI	FINISH
RL630 (BAFFLE)	<input type="checkbox"/> 750L-DIMTR-120 <input type="checkbox"/> 750L-DIM10-MVOLT <input type="checkbox"/> 750L-277 (non dimmable)	<input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-DIM10-MVOLT <input type="checkbox"/> 900L-277 (non dimmable)	<input type="checkbox"/> 1200L-DIMTR-120 <input type="checkbox"/> 1200L-DIM10-MVOLT <input type="checkbox"/> 1200L-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"/> P-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ <input type="checkbox"/> P-BK

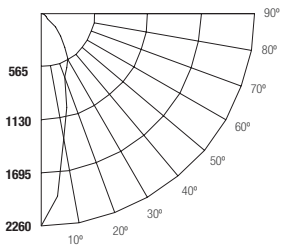
Example: **RL607-750L-DIMTR-120-30K-W-WH**

MODULE	750L SERIES	900L SERIES	1200L SERIES	CCT	CRI	FINISH
RL607 (REFLECTOR)	<input type="checkbox"/> 750L-DIMTR-120 <input type="checkbox"/> 750L-DIM10-MVOLT <input type="checkbox"/> 750L-277 (non dimmable)	<input type="checkbox"/> 900L-DIMTR-120 <input type="checkbox"/> 900L-DIM10-MVOLT <input type="checkbox"/> 900L-277 (non dimmable)	<input type="checkbox"/> 1200L-DIMTR-120 <input type="checkbox"/> 1200L-DIM10-MVOLT <input type="checkbox"/> 1200L-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"/> CL-WH <input type="checkbox"/> W-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-WH <input type="checkbox"/> SN-SN <input type="checkbox"/> RG-PB <input type="checkbox"/> CP-CP <input type="checkbox"/> MB-BK <input type="checkbox"/> RG-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> CL-CH <input type="checkbox"/> CP-CP <input type="checkbox"/> RG-PB <input type="checkbox"/> MB-BK

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

INPUT WATTS: 19 LUMENS: 1193 CRI: 90+ EFFICACY: 62.8 CCT: 3000K TEST NO.: EL-101372 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/M²)

Angle in Degrees	Average 0°	Average 45°	Average 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

0	1	2	3	4	5	6	7	8	9	10
0	2259	5	15	25	35	45	55	65	75	85
1	1951	5	15	25	35	45	55	65	75	85
2	1035	25	635	436	203	67	29	7	3	1
3	635	436	203	67	29	7	3	1		
4	436	203	67	29	7	3	1			
5	203	67	29	7	3	1				
6	67	29	7	3	1					
7	29	7	3	1						
8	7	3	1							
9	3	1								
10	1									

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance