



LUMENS	900L, 1200L, 1500L, 2000L, 3000L, 4000L, 5000L	DIAMETERS	22"
CCT & TECHNOLOGIES	22K, 27K, 30K, 35K, 40K, 50K	HEIGHT	22.5"
COLOR QUALITY	2 Step MacAdam Ellipse	FIXTURE FINISH	BK (Black), WH (Matt White), SI (Silver), Custom RAL
MOUNTING	Pendant, Suspended	MATERIAL COLORS	Refer to SoftSense Material Color Chart
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10) LUTH, DIMTR	PHOTOMETRIC TESTS	In Accordance with IES LM79-08 and LM-80, and TM-30

The **Rhapsody** family comprises acoustic pendant and suspended luminaires, blending timeless form with contemporary performance. Defined by a clean, classic silhouette, each fixture delivers beautifully balanced illumination while discreetly enhancing acoustic comfort. This harmonious fusion of light and sound makes **Rhapsody** an elegant solution for a wide range of environments, including educational spaces, boardrooms, offices, hospitality settings, lobbies, and restaurants.

The **Comet** model is distinguished by its angled, multi-bladed composition. Surrounding the luminaire, sculptural acoustic blades create a striking architectural presence while gently absorbing sound. Meticulously designed to elevate both acoustics and visual impact, it introduces depth, texture, and a refined sense of sophistication to modern interiors.



ACOUSTIC MATERIAL - 9mm / 0.35" Thickness

Our panels come in 4' x 8' and are made from 100% polyethylene terephthalate (PET), with 50% post-consumer recycled material. PET is a moisture resistant green product with no added chemicals, binders, adhesives or dyes.

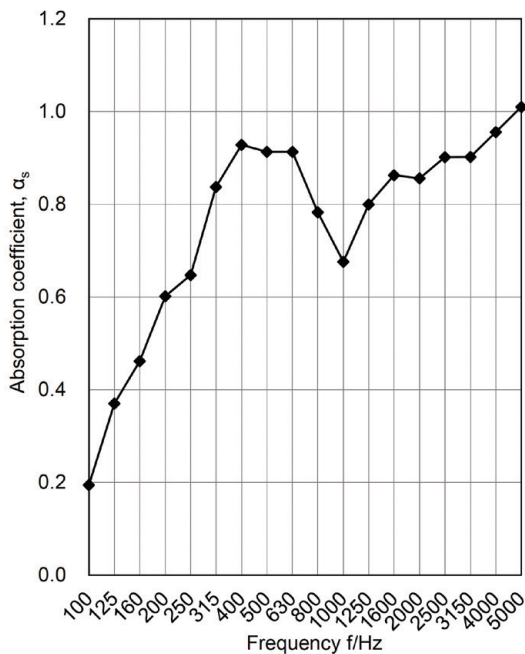
ACOUSTIC PANEL PERFORMANCE - 4' x 8' Panels

Acoustic performance of specific fixture / product will greatly vary based on mounting, installation, and configuration in a space.

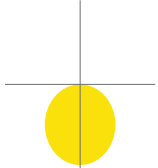
Noise Reduction Coefficient (NRC) - 0.75

Weighted Sound Absorption Coefficient - $\alpha_w = 0.85$

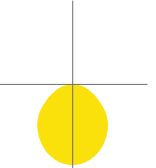
NRC is a widely used standard to test sound absorption for 2-dimensional objects. It is the average absorption coefficient obtained from four key 1/3 octave frequencies: 250, 500, 1000, 2000 Hz.



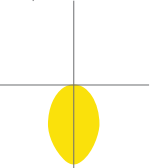
Distribution Pattern:
Direct:
Wide Distribution



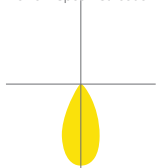
Distribution Pattern:
Direct: Medium



Distribution Pattern:
Direct:
Spot Distribution



Distribution Pattern:
Direct:
Narrow Spot Distribution



Reference IES files for additional distribution curve information.

OPTICS & PERFORMANCE

The light engines found in the FCR-LED-Rhapsody are rated at 85+ CRI and are available in multiple CCTs: 3000K, 3500K, and 4000K. Rated and tested to LM-79, LM-80, and TM-30 standards. The LEDs are also binned to a 3-step MacAdam ellipse to achieve consistent color from fixture to fixture.

CONSTRUCTION

PET material wrapped around rigid steel design that ensures longevity and endurance. A high quality, high transmission PMMA glare free lens offers smooth illumination.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. OPR-LED-Rhapsody comes standard with 0-10V dimming on either 120V-277V.

DIMMING

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120 or 277.

DIMTR - Triac & Electronic low voltage dimming. Available in 120V.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.

MOUNTING

Comes standard in adjustable cable suspension system providing fast installation into a variety of interior heights, including sloped ceilings. Mounts to 3.5" and 4" octagonal junction box.

WARRANTY

5-year warranty for parts and components (labor not included).

LISTINGS

cULus - Listed for Feed Through Wiring.

All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

UL Listed for Dry location

QUALITY CONTROL

Every fixture is rigorously tested by our QC Department before shipping.

MAINTENANCE

Acoustic material can be cleaned with a clean, soft, lint-free cloth or a vacuum.

OPTIONS

Available without light source.

LUMEN DETAILS

Based on 4000K, 85+ CRI.

Actual wattage may vary +/- 5%

NOMINAL UP or DOWN LUMENS	DELIVERED LUMENS	WATTAGE
5000	4690	45.3W
4000	3946	45.3W
3000	3201	30.3W
2000	2106	19.4W
1500	1586	14.7W
1200	1282	12.1W
900	978	9.5W

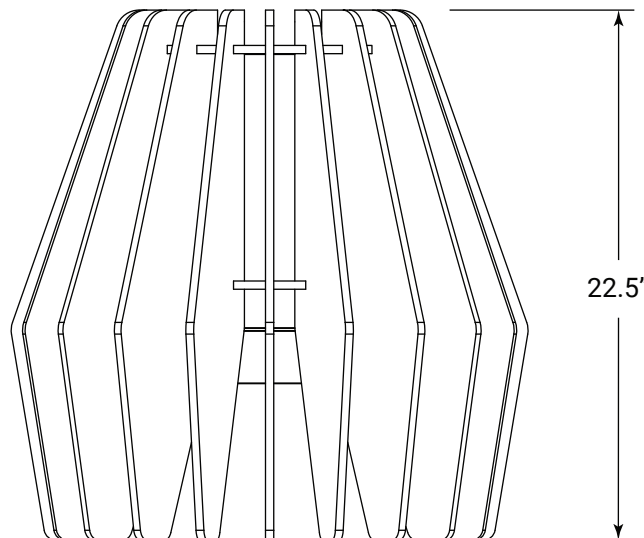
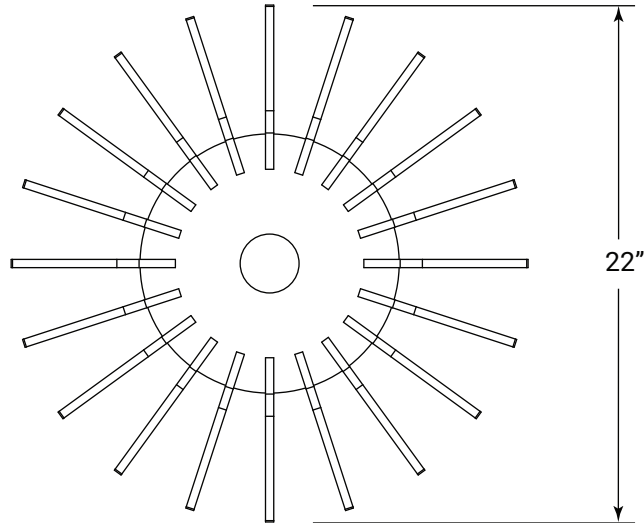
Example: **FCR4-RHAPSODY-SOFT-22IN-22IN-3000L-DIM10-MVOLT-40K-85-WH-SM-GRN**

FCR4-RHAPSODY-SOFT																								GRN	
SERIES		STYLE	HEIGHT	SIZE	DIRECT LUMENS		DIMMING	VOLTAGE	CCT	CRI	EMERGENCY		FINISH	MOUNTING OPTIONS		ACOUSTIC COLOR		2ND COLOR							
FCR4-RHAPSODY-SOFT SoftSense LED Pendant		COMET - Comet	22IN - 22 in.	22IN - 22.5 in.	900L - 900 Lumens 1200L - 1200 Lumens 1500L - 1500 Lumens 2000L - 2000 Lumens 3000L - 3000 Lumens 4000L - 4000 Lumens 5000L - 5000 Lumens NLS ² - no light source		DIM10 - 0-10V Dimming LUTH - Lutron HiLumen DIMTR ³ - Triac Dimming	120 277 MVOLT	22K - 2200K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	85 90+	remote only 0-EMG-LED-10W 0-EMG-LED-20W 0-EMG-LED-10W-SDT 0-EMG-LED-20W-SDT		WH - Matte White BK - Black SI - Silver RAL ¹ - custom color	SM - Suspended Mount up to 10 ft. SM20 - Suspended Mount up to 20 ft.		Refer to SoftSense material color chart for options example: GRN - Green		optional dual color							

2ND color option will create a fixture with alternating colors.
example:
GRN-PUR - alternating Green and Purple

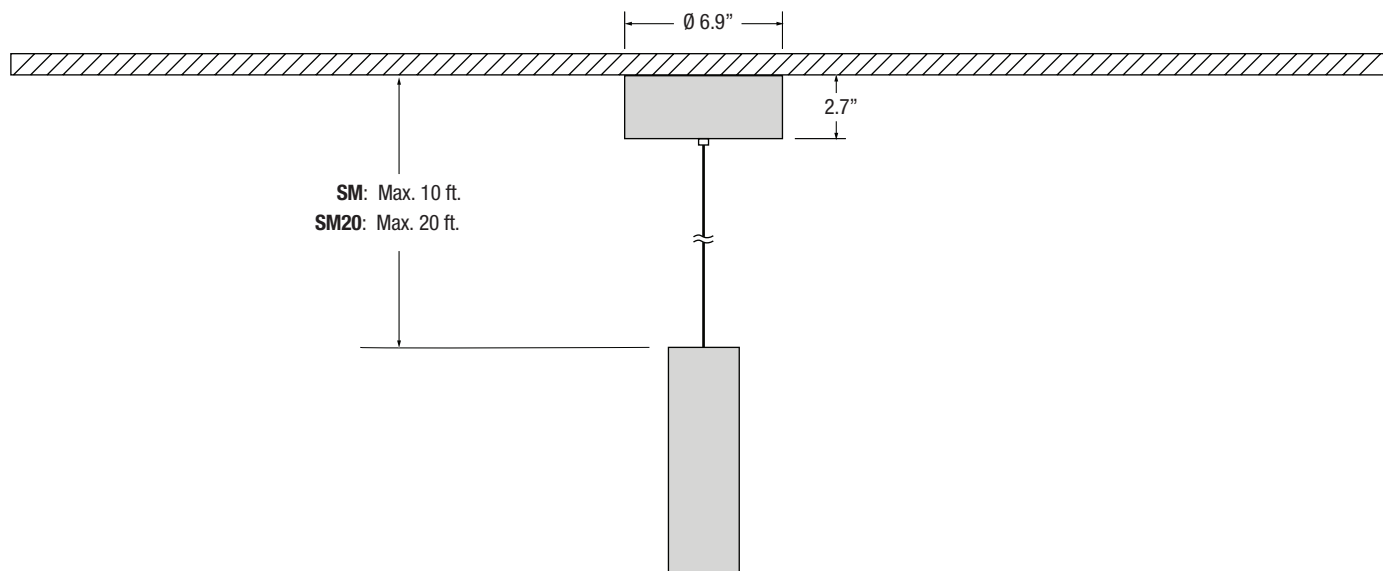
- ¹ Consult Factory
- ² No Light Source, please skip to "Mounting Option"
- ³ DIMTR available only in 120V

DIMENSIONS

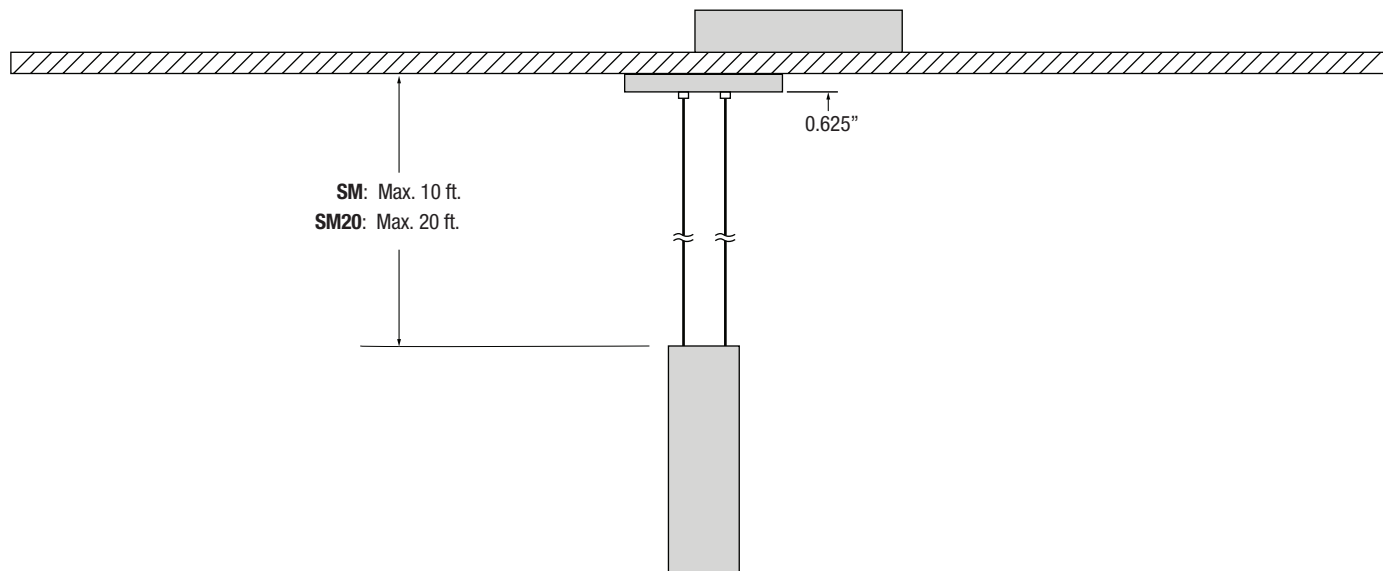


MOUNTING

INTEGRATED DRIVER OPTION



REMOTE DRIVER OPTION



STANDARD COLORS

Panel Thickness: 9 mm / 0.35" (+/- 0.25 mm)

All panels ASTM E84-16 Fire Rated

PURE PUR	STONE STN	BONE BNE	PEACH PCH
GRAY NOISE NSE	GREIGE GRG	SAND SND	ORANGE ORA
PEBBLE PEB	FOG FOG	DUST DST	BRASS BRS
GRAVEL GRV	WARM GRAY WGR	LATTE LTE	BRONZE BRZ
SHADOW SHD	HIPPO HIP	CLAY CLA	RUST RST
ASPHALT ASP	PERIWINKLE PRW	KELP KLP	PECAN PEC
ABYSS ABS	SKY BLUE SBL	CROCODILE CRC	FIG FIG
NIGHT NIT	SAPPHIRE SAP	SAGE SGE	EGGPLANT EGP
MIDNIGHT MDN	NAVY NVY	PISTACHIO PST	AMETHYST AME
EVERGREEN EVG	SEAWEED SWD	MATCHA MCH	PLUM PLU
MOSS MOS	BAY BAY	OLIVE OLV	CABBAGE CBG
COFFEE CFE	SEA SEA	GREEN GRN	PINK PNK
WINE WIN	DARK TEAL DTL	SUNSHINE SUN	PASSION PAS



quick ship available for any color depending on order quantity
*all colors are ASTM E84-16 fire rated, select colors are available as Class A

FCR4-RHAPSODY-SOFT-COMET-22IN-22IN-1500L-DIM10-MVOLT-SPD-40K-90

TEST NO.: **EL03232337**

INPUT WATTS: **14.8122**

LUMENS: **1530**

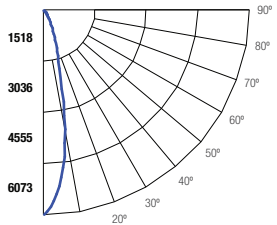
CRI: **90**

EFFICACY: **103**

CCT: **4000K**

SPACING CRITERIA: **0.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1003.2	65.60	65.60
0-30	1285.76	84.00	84.00
0-40	1406.99	91.90	91.90
0-60	1500.65	98.10	98.10
0-80	1528.31	99.90	99.90
0-90	1529.68	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1734	1650	1730
55	702	679	709
65	437	418	426
75	207	197	207
85	18	17	22

Lumens Per Zone

Zone	Lumens
0-10	454.77
10-20	548.43
20-30	282.56
30-40	121.23
40-50	63.02
50-60	30.65
60-70	18.55
70-80	9.11
80-90	1.37

Candela Tabulation

0	0
0	5984.08
5	5033.26
15	1608.91
25	539.67
35	172.91
45	73.28
55	29.83
65	18.11
75	8.10
85	0.63
90	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100	
1	114	112	110	108	108	112	110	108	106	106	104	103	102	101	100	98	98	97	95	95	95	
2	110	105	102	99	99	107	104	100	98	100	98	96	98	95	94	95	93	92	90	90	90	
3	105	100	95	92	92	103	98	94	91	96	93	90	93	91	89	91	89	87	86	86	86	
4	101	95	90	87	87	100	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	
5	97	90	86	82	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78	78	78	
6	94	87	82	78	78	93	86	81	78	84	80	77	83	80	77	82	79	76	75	75	75	
7	91	83	78	75	75	90	83	78	75	81	77	74	80	77	74	79	76	73	72	72	72	
8	88	80	75	72	72	87	79	75	72	78	74	71	78	74	71	77	73	71	70	70	70	
9	85	77	72	69	69	84	77	72	69	76	72	69	75	71	69	74	71	68	67	67	67	
10	82	74	70	67	67	81	74	70	67	73	69	67	73	69	66	72	69	66	65	65	65	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

FCR4-RHAPSODY-SOFT-COMET-22IN-22IN-1500L-DIM10-MVOLT-MD-40K-90

TEST NO.: **EL03232337**

INPUT WATTS: **14.8074**

LUMENS: **1570**

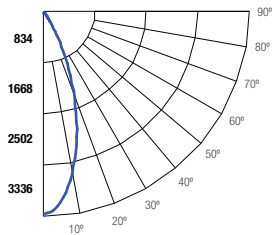
CRI: **90**

EFFICACY: **106**

CCT: **4000K**

SPACING CRITERIA: **0.62**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	863.21	55.00	55.00
0-30	1291.15	82.20	82.20
0-40	1453.14	92.50	92.50
0-60	1541.00	98.10	98.10
0-80	1568.37	99.90	99.90
0-90	1569.7	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1518	1459	1575
55	688	659	682
65	424	414	418
75	199	195	199
85	15	15	20

Lumens Per Zone

Zone	Lumens
0-10	285.20
10-20	578.02
20-30	427.93
30-40	162.00
40-50	58.44
50-60	29.42
60-70	18.27
70-80	9.10
80-90	1.32

Candela Tabulation

0	0
0	3326.72
5	3082.72
15	1999.35
25	826.49
35	203.09
45	64.14
55	29.25
65	17.56
75	7.79
85	0.55
90	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100	
1	114	111	109	107	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	
2	109	104	100	97	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89	89	89	
3	104	98	93	90	90	102	97	92	89	94	91	88	92	89	86	89	87	85	84	84	84	
4	99	93	88	84	84	98	91	87	83	89	85	82	87	84	81	86	83	80	79	79	79	
5	95	88	82	78	78	94	87	82	78	85	81	77	83	80	77	82	79	76	75	75	75	
6	91	83	78	74	74	90	82	77	74	81	77	73	80	76	73	78	75	72	71	71	71	
7	87	79	74	70	70	86	79	73	70	77	73	69	76	72	69	75	72	69	67	67	67	
8	84	76	70	67	67	83	75	70	66	74	69	66	73	69	66	72	68	66	64	64	64	
9	81	72	67	63	63	80	72	67	63	71	66	63	70	66	63	69	65	63	61	61	61	
10	78	69	64	61	61	77	69	64	60	68	63	60	67	63	60	67	63	60	59	59	59	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

FCR4-RHAPSODY-SOFT-COMET-22IN-22IN-1500L-DIM10-MVOLT-WD-40K-90

TEST NO.: **EL03232337**

INPUT WATTS: **14.7923**

LUMENS: **1434**

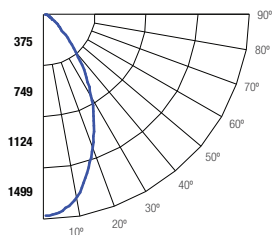
CRI: **90**

EFFICACY: **97**

CCT: **4000K**

SPACING CRITERIA: **0.88**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	464.19	32.40	32.40
0-30	844.82	58.90	58.90
0-40	1156.38	80.70	80.70
0-60	1395.6	97.40	97.40
0-80	1431.26	99.80	99.80
0-90	1432.84	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	4291	4111	4497
55	1495	1436	1578
65	533	518	556
75	203	200	226
85	20	20	27

Lumens Per Zone

Zone	Lumens
0-10	135.03
10-20	329.16
20-30	380.63
30-40	311.55
40-50	169.93
50-60	69.29
60-70	25.33
70-80	10.33
80-90	1.58

Candela Tabulation

0	0
0	1494.17
5	1437.74
15	1148.47
25	801.47
35	471.79
45	181.34
55	63.53
65	22.08
75	7.96
85	0.71
90	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92
	2	106	101	96	92	104	99	95	91	96	92	89	93	90	87	90	88	86	84
	3	100	93	87	83	98	91	86	82	89	84	81	86	83	80	84	81	78	77
	4	94	86	80	75	92	85	79	75	82	78	74	80	76	73	78	75	72	70
	5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65
	6	84	74	67	63	82	73	67	62	72	66	62	70	65	62	69	64	61	60
	7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55
	8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51
	9	71	61	54	50	70	60	54	50	59	54	50	58	53	49	57	53	49	48
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	45	
RC - Ceiling Cavity Reflectance					RW - Wall Reflectance														