



# LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING  
MEMBER  
of the  
IESNA

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PREPARED FOR: LUMINAIRE TESTING LABORATORY, INC.

## VISUAL COMFORT PROBABILITY TABLE

RATED LUMENS PER LAMP 2800.

100. FC. ROOM		REFLECTANCES 80/50/20 LUMINAIRES 0 DEG PLANE				LUMINAIRES 90 DEG PLANE			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	84	76	72	78	81	70	63	68
20	30	86	79	75	74	83	73	67	66
20	40	87	81	77	76	85	76	71	69
20	60	87	83	80	78	85	78	74	72
30	20	87	80	73	75	85	75	67	68
30	30	88	82	76	72	86	78	70	66
30	40	89	83	78	74	87	80	73	69
30	60	89	85	80	76	87	81	76	71
30	80	89	85	82	78	87	82	78	74
40	20	89	82	77	75	86	78	71	70
40	30	89	84	79	73	87	80	74	68
40	40	90	85	80	74	88	82	76	71
40	60	90	86	82	76	88	83	78	73
40	80	90	86	83	78	88	84	80	75
40	100	90	86	83	80	88	84	80	77
60	30	89	85	80	75	88	81	76	71
60	40	90	86	82	76	89	83	78	73
60	60	90	87	83	78	89	85	80	75
60	80	90	87	84	79	89	84	82	77
60	100	90	87	84	81	89	84	82	78
100	40	90	86	83	79	89	83	79	76
100	60	90	87	84	80	89	84	81	78
100	80	90	87	85	81	89	84	83	79
100	100	90	87	85	82	89	84	83	81

THIS TABLE WAS CALCULATED ACCORDING TO IESNA LM-42-72. THE VCP CALCULATION PROCEDURE IS MOST ACCURATE FOR LUMINAIRES THAT EXHIBIT THE FOLLOWING CHARACTERISTICS. 1). LUMINAIRE IS RELATIVELY CONSISTANT IN LUMINANCE 2). LUMINAIRE HAS WELL-DEFINED LUMINOUS EDGES AND 3). LUMINAIRE UTILIZES FLUORESCENT LAMPS. CAUTION SHOULD BE USED WHEN APPLYING VCP VALUES BASED ON LUMINAIRES THAT DO NOT CONFORM TO THE ABOVE CONDITIONS.