

LUMINAIRE: CLH-5K-P95-U-ND-A2-WH
 CLH Classified Location Highbay, Extreme Environment
 Luminaire-Food processing highbay with acrylic frosted flat lens
BALLAST: LEDINTA0024V41DLO
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 24644
WATTS: 218.10
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.23 90° = 1.23
LUMINOUS OPENING IN FEET
 LENGTH: 1.25
 WIDTH: 1.25
 HEIGHT: 0.00

TEST #19336

DATE: 1/5/2015

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 113

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.12

BASED ON 3000 HRS. AND \$.08 PER KWH

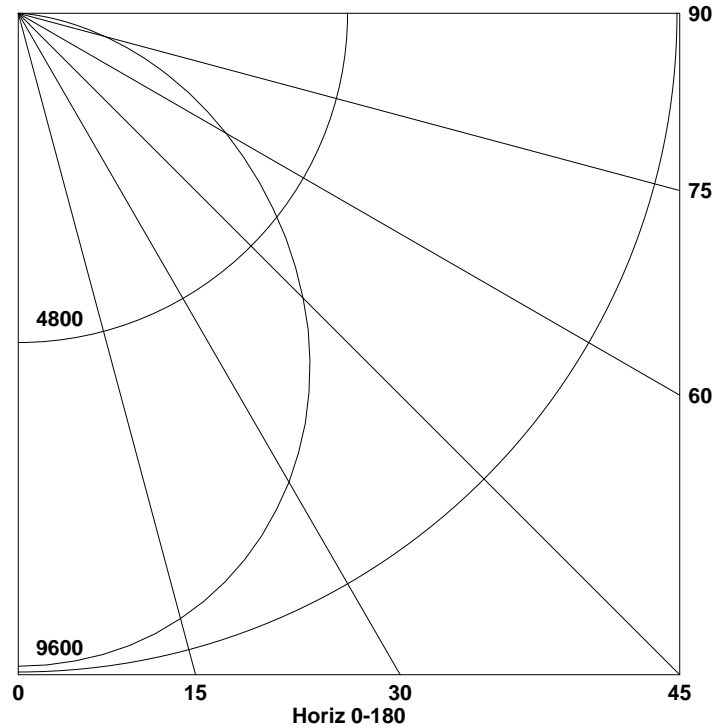
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	7347	29.8	29.8
0-40	11905	48.3	48.3
0-60	20267	82.2	82.2
0-90	24644	100.0	100.0
0-180	24644	100.0	100.0

AVERAGE LUMINANCE

ANGLE	0.0
0	83449
30	79911
40	75696
45	72776
50	69429
55	65542
60	61399
65	56888
70	51419
75	44158
80	33944
85	19525

INDOOR CANDELA PLOT



0.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%					
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61
R	4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	54
C	5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48
R	6	71	58	50	43	70	57	49	43	56	48	43	54	47	42	52	47	42
	7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37
	8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34
	9	58	45	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30
	10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.
 ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.
 THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____



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CANDELA VALUES

ANGLE	0.0
0.0	9514*
2.5	9504
5.0	9474
7.5	9425
10.0	9353
12.5	9255
15.0	9131
17.5	8986
20.0	8814
22.5	8618
25.0	8398
27.5	8151
30.0	7890
32.5	7598
35.0	7293
37.5	6960
40.0	6611
42.5	6252
45.0	5867
47.5	5479
50.0	5088
52.5	4681
55.0	4286
57.5	3886
60.0	3500
62.5	3111
65.0	2741
67.5	2367
70.0	2005
72.5	1650
75.0	1303
77.5	984
80.0	672
82.5	406
85.0	194
87.5	62
90.0	0

*MAXIMUM CANDELA VALUE