



HUBBELL
Lighting

701 Millennium Blvd
Greenville, SC 29607
www.hubbellighting.com



REPORT NUMBER: 14.00317
ISSUE DATE: 09/06/14
PREPARED FOR: PROGRESS
CATALOG NUMBER: P5674-xx
LUMINAIRE: 5" Diameter Wall-Mount Downlight
LAMP CAT. NO.: PAR30/FL-H
LAMP: 1- GE HALOGEN 75W PAR30
MOUNTING: WALL
ACCREDITED LABORATORY CODE 201003-0 *** FILE MODIFIED FROM ORIGINAL
(8881.IES) *** ** REMOVED UPLIGHT
CONTRIBUTED BY 2ND LAMP ***
REPORT IS BASED ON 1030 LUMENS PER LAMP.

PAGE: 1 OF 5

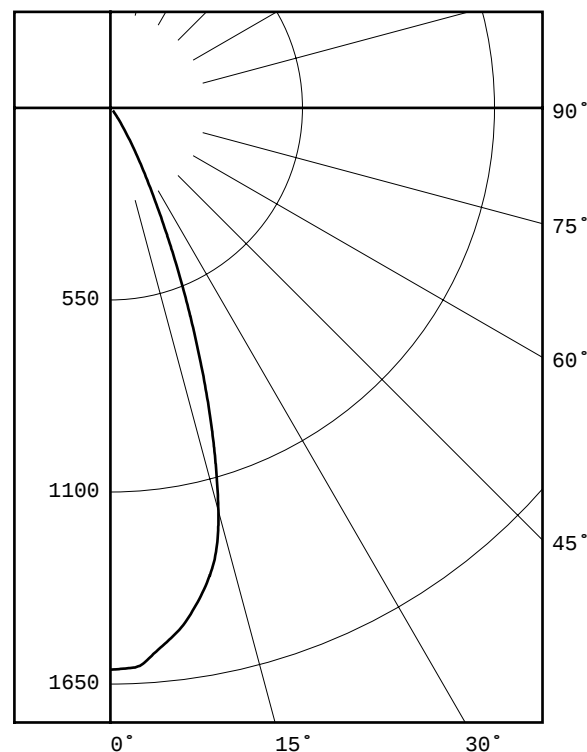
DEG	CANDELA	LUMENS
0	1609	
5	1558	145
15	1194	315
25	336	164
35	42	32
45	8	6
55	4	3
65	1	1
75	0	0
85	0	0
90	0	

ZONAL LUMEN ZONE	SUMMARY LUMENS	%LAMP	%FIXT
0- 30	624	60.6	93.6
0- 40	657	63.8	98.4
0- 60	667	64.7	99.9
0- 90	667	64.8	100.0
90-180	0	0.0	0.0
0-180	667	64.8	100.0

TOTAL LUMINAIRE EFFICIENCY = 64.8 %

TOTAL INPUT WATTS = 74.3
EFFICACY = 9.0 Lm/W
CIE TYPE - DIRECT
LUMINAIRE SPACING CRITERION = 0.6
LUMINOUS DIAMETER: 5.000

LUMINANCE DATA IN CANDELA/SQ METER	ANGLE AVERAGE
IN DEG	
45	893.
55	550.
65	187.
75	0.
85	0.





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PAGE: 2 OF 5

CANDELA DISTRIBUTION

	0.0
0.0	1609
2.5	1604
5.0	1558
7.5	1508
10.0	1437
12.5	1349
15.0	1194
17.5	968
20.0	729
22.5	511
25.0	336
27.5	213
30.0	130
32.5	75
35.0	42
37.5	25
40.0	15
42.5	10
45.0	8
47.5	6
50.0	5
52.5	4
55.0	4
57.5	3
60.0	3
62.5	1
65.0	1
67.5	0
70.0	0
72.5	0
75.0	0
77.5	0
80.0	0
82.5	0
85.0	0
87.5	0
90.0	0



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PAGE: 3 OF 5

ZONAL LUMEN SUMMARY

0- 5	38.
5- 10	107.
10- 15	157.
15- 20	158.
20- 25	108.
25- 30	56.
30- 35	23.
35- 40	9.
40- 45	4.
45- 50	3.
50- 55	2.
55- 60	2.
60- 65	1.
65- 70	0.
70- 75	0.
75- 80	0.
80- 85	0.
85- 90	0.



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PAGE: 4 OF 5

5-DEGREE
ZONAL LUMEN SUMMARY

0- 5	38
5- 10	107
10- 15	157
15- 20	158
20- 25	108
25- 30	56
30- 35	23
35- 40	9
40- 45	4
45- 50	3
50- 55	2
55- 60	2
60- 65	1
65- 70	0
70- 75	0
75- 80	0
80- 85	0
85- 90	0

10-DEGREE
ZONAL LUMEN SUMMARY

0- 10	145
0- 20	460
0- 30	624
0- 40	657
0- 50	663
0- 60	667
0- 70	667
0- 80	667
0- 90	667



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PAGE: 5 OF 5

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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
0	77	77	77	77	75	75	75	75	72	72	72	69	69	69	66	66	66	65
1	74	73	71	70	73	71	70	69	69	68	67	66	66	65	64	64	63	62
2	71	69	67	65	70	68	66	64	66	64	63	64	63	62	62	61	60	59
3	69	66	63	61	68	65	62	60	63	61	59	62	60	59	60	59	58	57
4	66	62	60	57	65	62	59	57	60	58	56	59	57	56	58	57	55	54
5	64	60	57	55	63	59	56	54	58	56	54	57	55	53	56	54	53	52
6	62	57	54	52	61	57	54	52	56	53	51	55	53	51	54	52	51	50
7	60	55	52	50	59	54	52	50	54	51	49	53	51	49	52	50	49	48
8	58	53	50	48	57	52	50	48	52	49	47	51	49	47	51	49	47	46
9	56	51	48	46	55	50	48	46	50	47	46	49	47	45	49	47	45	45
10	54	49	46	44	53	49	46	44	48	46	44	48	45	44	47	45	44	43

ALL CANDELA, LUMENS, LUMINANCE, COEFFICIENT OF UTILIZATION AND VCP VALUES IN THIS REPORT ARE BASED ON RELATIVE PHOTOMETRY WHICH ASSUMES A BALLAST FACTOR OF 1.000. ANY CALCULATIONS PREPARED FROM THESE DATA SHOULD INCLUDE AN APPROPRIATE BALLAST FACTOR.