

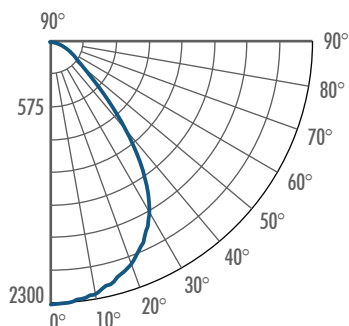
CH848UE-D10 - PHOTOMETRY

8" COMMERCIAL DOWNLIGHT - 3600LM

CH848UE-D10 - 3600lm - 4000K

System Power	:49W	Multipliers	
Test Date	:01/2016	3500K	0.99
Beam Angle 50%	:80.3°	3000K	0.97
Field Angle 10%	:120.0°		
Color Temperature	:4000K		
CRI	:84		
R9 Value	:33		
Lumens Delivered	:3562lm		
CBCP	:2139cd		
Power Factor	:0.99		

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	13.3'	33.0
9'	14.9'	26.0
10'	16.6'	21.0
12'	18.3'	18.0
15'	19.9'	15.0

RECOMMENDED SPACING

Clg Ht	Spacing	Max/Min Ratio
10 ft	15 ft o.c.	3.4:1
12 ft	11 ft o.c.	1.7:1
15 ft	8 ft o.c.	1.5:1

EFFECTIVE FLOOR CAVITY REFLECTANCE @ 20%

RC	70	50	30	10
RW	70	50	30	10
0	119	119	119	119
1	111	107	104	101
2	103	97	91	87
3	96	88	81	76
4	89	80	72	67
5	83	73	65	60
6	78	67	59	54
7	73	61	54	49
8	69	57	49	44
9	65	53	46	41
10	61	49	42	37

RC	50	30	10
RW	70	30	10
0	111	111	111
1	101	99	96
2	92	87	84
3	83	78	74
4	76	70	65
5	70	63	59
6	64	58	53
7	59	53	48
8	55	49	44
9	51	45	40
10	48	42	37

RC	70	50	30	10
RW	70	50	30	10
0	116	116	116	116
1	109	105	102	99
2	101	95	90	86
3	94	86	80	75
4	87	78	72	66
5	82	72	65	59
6	76	66	59	53
7	72	61	54	48
8	67	56	49	44
9	63	52	45	41
10	60	49	42	37