

EAGLE

LENGTH	MODEL	LIGHT OUTPUT	WATTAGE	VOLTAGE	COLOR TEMPERATURE	CRI
18"	HB165	2500 LM	165W	120-347V	4K & 5K	80+

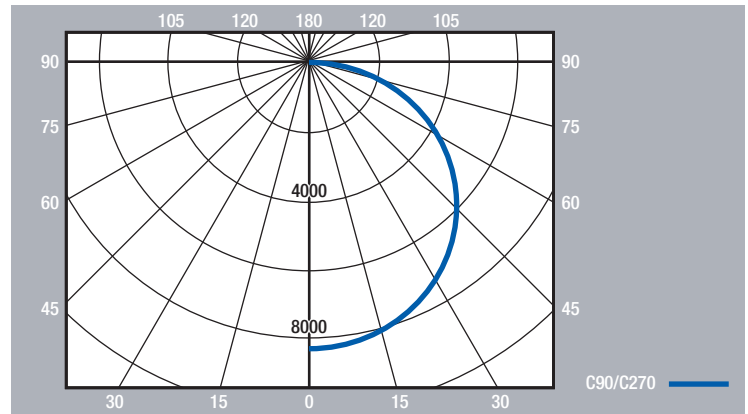
HB165 ZONAL LUMEN SUMMARY

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	6852	27.2
0-40	11271	44.7
0-60	20191	80.1
0-90	25196	100
90-180	0	0

HB165 AVERAGE LUMINANCE (cd/m²)

VERTICAL ANGLE (DEGREES)	HORIZONTAL ANGLE (DEGREES)		
	0	45	90
85	78445	6630	6793
80	138341	89973	55506
75	171544	155519	127382
70	194210	196149	174652
65	207956	210344	210629
60	218052	219400	219044
55	222754	224708	224943
50	226236	227213	227716
45	228577	230306	230706

HB165 DISTRIBUTION CURVE (cd/klm)



HB165 COEFFICIENTS OF UTILIZATION

CEILING CAVITY REFLECTANCE	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
WALL REFLECTANCE	EFFECTIVE FLOOR CAVITY REFLECTANCE 20% ** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **															
ROOM CAVITY RATIO (RCR)																
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1
1	1.06	1.02	.98	1.04	1	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2	.94	.87	.82	.92	.86	.81	.88	.83	.79	.85	.81	.78	.82	.79	.76	.74
3	.83	.75	.69	.81	.74	.69	.78	.72	.67	.75	.70	.66	.73	.69	.65	.63
4	.74	.66	.59	.73	.65	.59	.70	.63	.58	.68	.62	.58	.66	.61	.57	.55
5	.66	.57	.51	.65	.57	.51	.63	.56	.50	.61	.54	.5	.59	.54	.49	.47
6	.59	.50	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8	.48	.39	.34	.47	.39	.33	.46	.38	.33	.45	.38	.33	.43	.37	.33	.31
9	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

HB165 CANDLEPOWER DATA

DEGREE	0	45
85	78445	6630
80	138341	89973
75	171544	155519
70	194210	196149
65	207956	210344
60	218052	219400
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