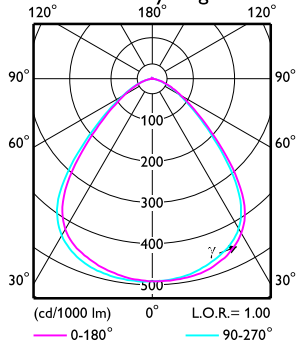


HCY0822L8CST-UN3-DIM-BK 50W 1xLED

1 x 8000 lm

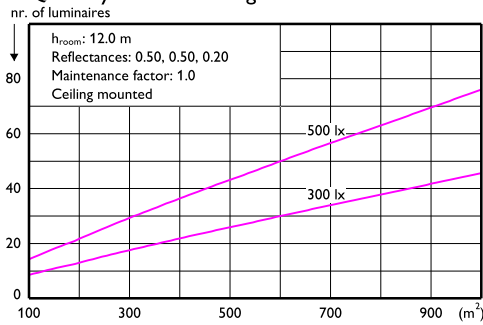
Polar intensity diagram



Light output ratio 1.00
Service upward 0.00
Service downward 1.00

CIE flux code 66 92 99 100 100

Quantity estimation diagram



Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80				0.70				0.50			
	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
0.60	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
0.80	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
1.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
1.25	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
1.50	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
2.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
2.50	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
3.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
4.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
5.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	58728	55620	54445
50.0	45176	42452	41781
55.0	35104	33061	32448
60.0	27891	26282	25787
65.0	22675	21376	20930
70.0	18662	17680	17169
75.0	15085	14330	13982
80.0	11461	11073	10774
85.0	6493	6275	6156
90.0	-	-	-

(cd/m²)

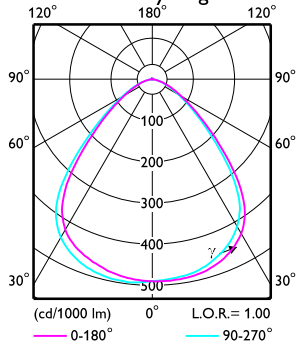
LV2160365

2024-04-03

HCY0822L8CST-UN3-DIM-BK 90W 1xLED

1 x 14000 lm

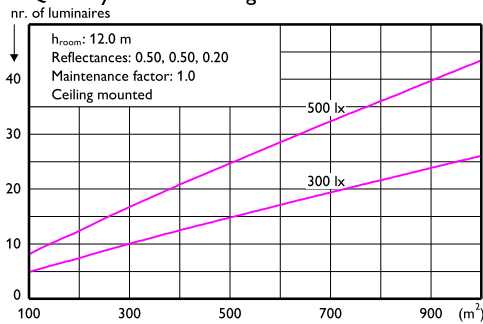
Polar intensity diagram



Light output ratio 1.00
Service upward 0.00
Service downward 1.00

CIE flux code 66 92 99 100 100

Quantity estimation diagram



Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80				0.70				0.50			
	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
0.60	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
0.80	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
1.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
1.25	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
1.50	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
2.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
2.50	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
3.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
4.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00
5.00	0.80	0.50	0.30	0.10	0.70	0.50	0.30	0.10	0.50	0.30	0.10	0.00

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	103404	94504	93759
50.0	79624	72905	71642
55.0	61753	57624	55565
60.0	48998	46454	43928
65.0	39759	38004	35087
70.0	32640	31392	28806
75.0	26060	25592	23860
80.0	19587	19709	18279
85.0	9556	11190	10738
90.0	-	-	-

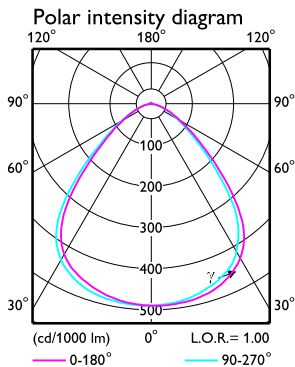
(cd/m²)

LV2160365

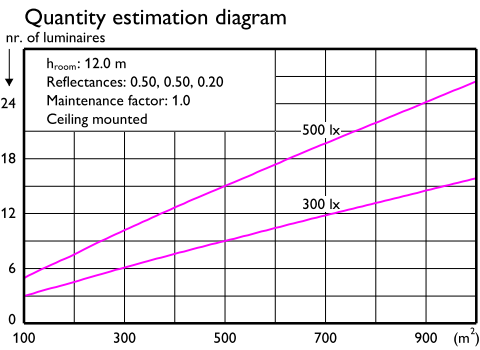
2024-04-03

HCY0822L8CST-UN3-DIM-BK 150W 1xLED

1 x 23000 lm



Light output ratio 1.00
Service upward 0.00
Service downward 1.00
CIE flux code 66 92 99 100 100



Utilisation factor table

Room Index k	Reflectances for ceiling, walls and working plane (CIE)											
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00	0.00
0.60	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.00	0.60	0.57	0.60	0.58	0.57	0.51	0.50	0.46	0.50	0.46	0.45	0.53
1.25	0.79	0.74	0.78	0.75	0.73	0.67	0.59	0.55	0.59	0.55	0.60	0.60
1.50	0.87	0.80	0.85	0.82	0.79	0.74	0.66	0.63	0.66	0.62	0.67	0.67
2.00	0.93	0.84	0.91	0.87	0.83	0.79	0.73	0.69	0.72	0.69	0.72	0.72
2.50	1.02	0.91	0.99	0.94	0.90	0.86	0.78	0.74	0.77	0.74	0.79	0.79
3.00	1.07	0.95	1.04	0.99	0.94	0.90	0.85	0.82	0.84	0.81	0.84	0.84
4.00	1.11	0.97	1.08	1.02	0.96	0.94	0.89	0.87	0.88	0.86	0.87	0.87
5.00	1.16	1.00	1.12	1.05	0.99	0.97	0.92	0.90	0.91	0.89	0.90	0.90
	1.19	1.02	1.15	1.07	1.01	0.99	0.95	0.94	0.94	0.92	0.92	0.92

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	171455	155890	152646
50.0	132050	117961	117094
55.0	102068	90062	89697
60.0	81054	72754	70644
65.0	65672	61033	57631
70.0	53711	50728	47601
75.0	42851	41256	38526
80.0	30516	30316	29427
85.0	16499	15585	16727
90.0	-	-	-

(cd/m²)

LVC2160365

2024-04-03