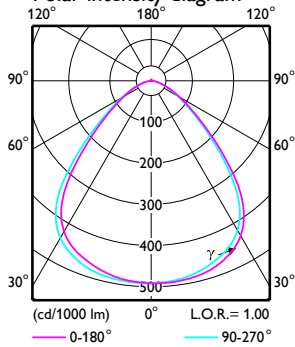


HCY0822L8CST-UN3-DIM-BK 50W 1xLED

1 x 8000 lm

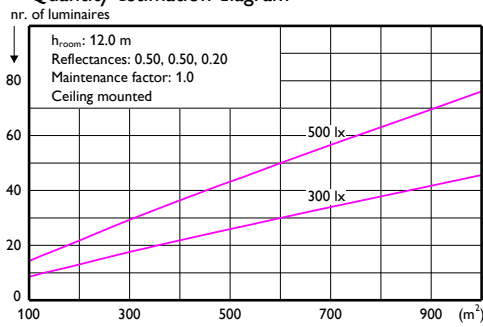
Polar intensity diagram



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	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.30	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.60	0.57	0.60	0.58	0.57	0.51	0.50	0.46	0.50	0.46
0.80	0.71	0.66	0.70	0.68	0.66	0.60	0.59	0.55	0.59	0.55
1.00	0.79	0.74	0.78	0.75	0.73	0.67	0.66	0.63	0.66	0.62
1.25	0.87	0.80	0.85	0.82	0.79	0.74	0.73	0.69	0.72	0.69
1.50	0.93	0.84	0.91	0.87	0.83	0.79	0.78	0.74	0.77	0.74
2.00	1.02	0.91	0.99	0.94	0.90	0.86	0.85	0.82	0.84	0.81
2.50	1.07	0.95	1.04	0.99	0.94	0.90	0.89	0.87	0.88	0.86
3.00	1.11	0.97	1.08	1.02	0.96	0.94	0.92	0.90	0.91	0.89
4.00	1.16	1.00	1.12	1.05	0.99	0.97	0.95	0.94	0.94	0.92
5.00	1.19	1.02	1.15	1.07	1.01	0.99	0.97	0.96	0.96	0.94

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	58449	54967	53860
50.0	44719	41986	41375
55.0	34702	32656	32104
60.0	27601	26095	25500
65.0	22421	21303	20652
70.0	18414	17635	16992
75.0	14778	14330	13848
80.0	11402	10983	10704
85.0	6573	6235	6116
90.0	-	-	-

(cd/m²)

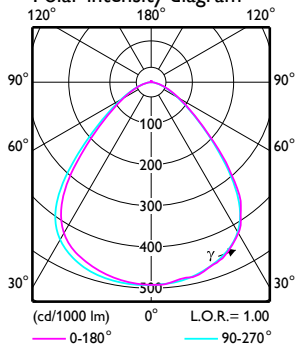
LV2160365

2024-05-15

HCY0822L8CST-UN3-DIM-BK 100W 1xLED

1 x 14000 lm

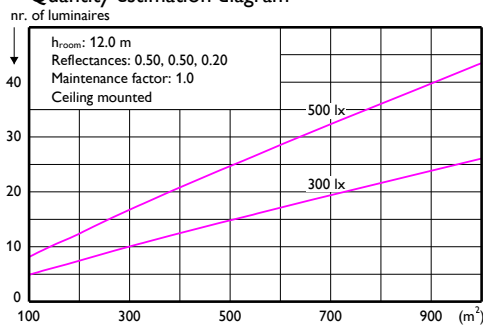
Polar intensity diagram



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	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.30	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.60	0.57	0.60	0.58	0.57	0.51	0.50	0.46	0.50	0.46
0.80	0.71	0.66	0.70	0.68	0.66	0.60	0.59	0.55	0.59	0.55
1.00	0.79	0.74	0.78	0.75	0.73	0.67	0.66	0.63	0.66	0.62
1.25	0.87	0.80	0.85	0.82	0.79	0.74	0.73	0.69	0.72	0.69
1.50	0.93	0.84	0.91	0.87	0.83	0.79	0.78	0.74	0.77	0.74
2.00	1.02	0.91	0.99	0.94	0.90	0.86	0.85	0.82	0.84	0.81
2.50	1.07	0.95	1.04	0.99	0.94	0.90	0.89	0.87	0.88	0.86
3.00	1.11	0.97	1.08	1.02	0.96	0.94	0.92	0.90	0.91	0.89
4.00	1.16	1.00	1.12	1.05	0.99	0.97	0.95	0.94	0.94	0.92
5.00	1.19	1.02	1.15	1.07	1.01	0.99	0.97	0.96	0.96	0.94

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	99318	96997	95065
50.0	75525	73909	72962
55.0	58226	57650	56869
60.0	47538	46005	45067
65.0	39036	37430	36420
70.0	32136	31091	29948
75.0	25955	25276	24445
80.0	19761	19395	19063
85.0	9626	10981	10877
90.0	-	-	-

(cd/m²)

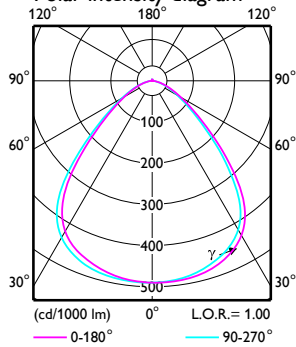
LV2160365

2024-05-15

HCY0822L8CST-UN3-DIM-BK 150W 1xLED

1 x 23000 lm

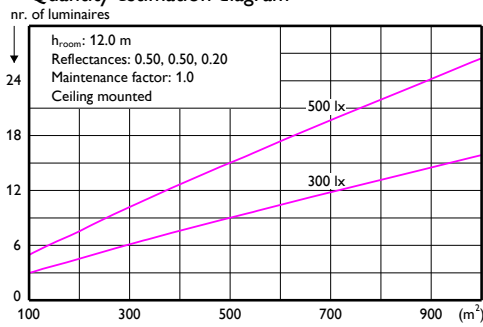
Polar intensity diagram



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	0.80	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	0.45
1.25	0.71	0.66	0.70	0.68	0.66	0.60	0.59	0.55	0.59	0.55	0.53	0.53
1.50	0.79	0.74	0.78	0.75	0.73	0.67	0.66	0.63	0.66	0.62	0.60	0.60
2.00	0.87	0.80	0.85	0.82	0.79	0.74	0.73	0.69	0.72	0.69	0.67	0.67
2.50	0.93	0.84	0.91	0.87	0.83	0.79	0.78	0.74	0.77	0.74	0.72	0.72
3.00	1.02	0.91	0.99	0.94	0.90	0.86	0.85	0.82	0.84	0.81	0.79	0.79
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.89	0.87	0.88	0.86	0.84	0.84
5.00	1.11	0.97	1.08	1.02	0.96	0.94	0.92	0.90	0.91	0.89	0.87	0.87
	1.16	1.00	1.12	1.05	0.99	0.97	0.95	0.94	0.94	0.92	0.90	0.90
	1.19	1.02	1.15	1.07	1.01	0.99	0.97	0.96	0.96	0.94	0.92	0.92

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	170034	155756	153723
50.0	130563	118519	115252
55.0	101001	90287	89689
60.0	80078	69480	70495
65.0	64942	56748	56642
70.0	53318	49696	47513
75.0	42832	40794	38814
80.0	32808	30602	29914
85.0	17584	15414	16328
90.0	-	-	-

(cd/m²)

LVC2160365

2024-05-15