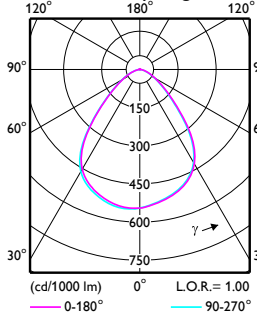


## HCY2437L8CST-UN3-DIM-BK 150W 1xLED

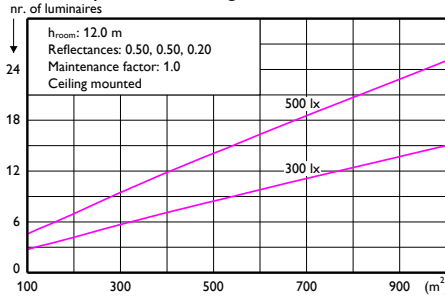
1 x 24000 lm

Polar intensity diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 69 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	0.60	0.60	0.62	0.61	0.59	0.53	0.53	0.49	0.53	0.49	0.47	0.47
0.80	0.73	0.68	0.72	0.69	0.68	0.62	0.61	0.57	0.61	0.57	0.55	0.55
1.00	0.81	0.75	0.79	0.77	0.74	0.69	0.68	0.64	0.67	0.64	0.62	0.62
1.25	0.88	0.81	0.87	0.83	0.80	0.75	0.74	0.71	0.73	0.70	0.68	0.68
1.50	0.94	0.85	0.92	0.88	0.84	0.80	0.79	0.76	0.78	0.75	0.73	0.73
2.00	1.02	0.92	1.00	0.95	0.91	0.87	0.86	0.83	0.85	0.82	0.80	0.80
2.50	1.08	0.95	1.05	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.84	0.84
3.00	1.12	0.98	1.09	1.03	0.97	0.94	0.93	0.91	0.91	0.90	0.88	0.88
4.00	1.16	1.01	1.13	1.06	1.00	0.98	0.96	0.94	0.95	0.93	0.91	0.91
5.00	1.19	1.02	1.16	1.08	1.01	1.00	0.98	0.97	0.96	0.95	0.93	0.93

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	97492	93541	92698
50.0	74985	72157	71156
55.0	58689	56564	56053
60.0	46883	45294	44843
65.0	38030	37034	36628
70.0	31026	30406	29658
75.0	25169	24701	22217
80.0	19620	18592	17798
85.0	12477	10661	11241
90.0	-	-	-

(cd/m2)

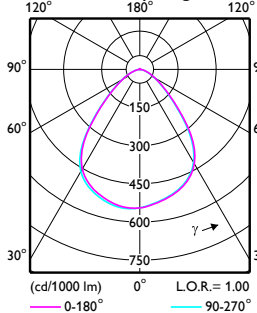
LVC2160365

2024-05-15

## HCY2437L8CST-UN3-DIM-BK 200W 1xLED

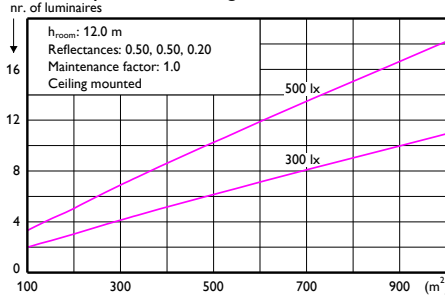
1 x 33000 lm

Polar intensity diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00  
CIE flux code 69 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	0.60	0.60	0.62	0.61	0.59	0.53	0.53	0.49	0.53	0.49	0.47	0.47
0.80	0.73	0.68	0.72	0.69	0.68	0.62	0.61	0.57	0.61	0.57	0.55	0.55
1.00	0.81	0.75	0.79	0.77	0.74	0.69	0.68	0.64	0.67	0.64	0.62	0.62
1.25	0.88	0.81	0.87	0.83	0.80	0.75	0.74	0.71	0.73	0.70	0.68	0.68
1.50	0.94	0.85	0.92	0.88	0.84	0.80	0.79	0.76	0.78	0.75	0.73	0.73
2.00	1.02	0.92	1.00	0.95	0.91	0.87	0.86	0.83	0.85	0.82	0.80	0.80
2.50	1.08	0.95	1.05	0.99	0.94	0.91	0.90	0.88	0.89	0.87	0.84	0.84
3.00	1.12	0.98	1.09	1.03	0.97	0.94	0.93	0.91	0.91	0.90	0.88	0.88
4.00	1.16	1.01	1.13	1.06	1.00	0.98	0.96	0.94	0.95	0.93	0.91	0.91
5.00	1.19	1.02	1.16	1.08	1.01	1.00	0.98	0.97	0.96	0.95	0.93	0.93

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	133777	128343	127793
50.0	102931	99035	98077
55.0	80366	77638	77130
60.0	64659	62566	61890
65.0	52094	50955	50527
70.0	42593	41848	41199
75.0	34483	34215	31174
80.0	26978	26658	23592
85.0	17155	16518	15296
90.0	-	-	-

(cd/m2)

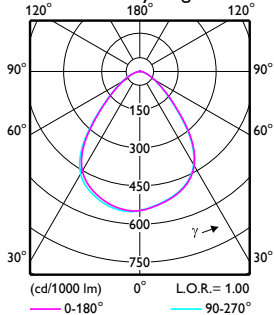
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2024-05-15

## HCY2437L8CST-UN3-DIM-BK 240W 1xLED

1 x 37000 lm

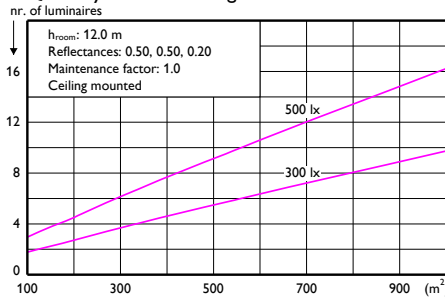
Polar intensity diagram



Light output ratio 1.00  
Service upward 0.00  
Service downward 1.00

CIE flux code 69 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
0.60	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
0.80	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
1.00	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
1.25	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
1.50	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
2.00	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
2.50	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
3.00	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
4.00	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30
5.00	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30

Ceiling mounted

Luminance Table

Plane	0.0	45.0	90.0
Cone			
45.0	148209	142601	142858
50.0	114302	110450	109635
55.0	89420	86551	86316
60.0	71427	69465	69423
65.0	58015	56775	57217
70.0	47437	46845	47149
75.0	38542	38402	38642
80.0	30128	29949	30128
85.0	19294	18580	18758
90.0	-	-	-

(cd/m<sup>2</sup>)

LVC2160365

2024-05-15