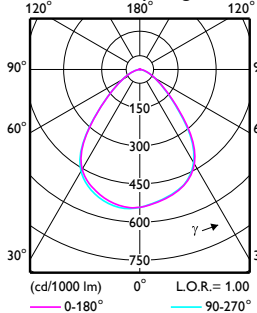
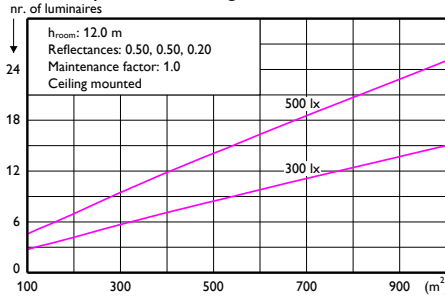


HCY2437L8CST-UN3-DIM-BK 150W 1xLED

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	0.30	0.10	0.10	0.10	0.10	0.00
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.63	0.60	0.62	0.61	0.59	0.53	0.53	0.49	0.53	0.49	0.47	0.47	0.47	0.47	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	0.55	0.55	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	0.62	0.62	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	0.68	0.68	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	0.73	0.73	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	0.80	0.80	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	0.84	0.84	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	0.88	0.88	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	0.91	0.91	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	0.93	0.93	0.93	0.93

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	96721	92893	93207
50.0	74225	71790	72078
55.0	58143	56294	56898
60.0	46445	45072	45900
65.0	37663	36867	37536
70.0	30711	30120	30602
75.0	25039	24376	22100
80.0	19562	17662	18224
85.0	12515	10159	11434
90.0	-	-	-

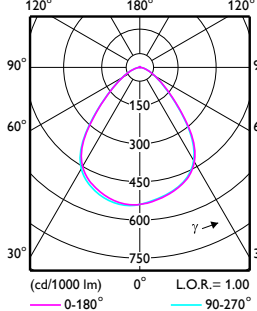
(cd/m2)

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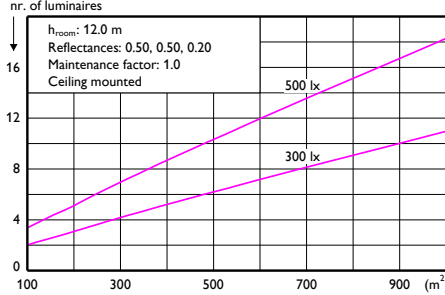
2024-05-15

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 68 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	0.30	0.10	0.10	0.10	0.10	0.00
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.62	0.59	0.61	0.60	0.58	0.53	0.52	0.48	0.52	0.48	0.47	0.47	0.47	0.47	0.47	0.47
0.80	0.72	0.68	0.71	0.69	0.67	0.61	0.61	0.57	0.60	0.56	0.55	0.55	0.55	0.55	0.55	0.55
1.00	0.80	0.75	0.79	0.76	0.74	0.68	0.68	0.64	0.67	0.63	0.62	0.62	0.62	0.62	0.62	0.62
1.25	0.88	0.81	0.86	0.83	0.80	0.75	0.74	0.70	0.73	0.70	0.68	0.68	0.68	0.68	0.68	0.68
1.50	0.94	0.85	0.92	0.88	0.84	0.79	0.78	0.75	0.77	0.75	0.73	0.73	0.73	0.73	0.73	0.73
2.00	1.02	0.91	1.00	0.95	0.90	0.87	0.85	0.83	0.84	0.82	0.80	0.80	0.80	0.80	0.80	0.80
2.50	1.08	0.95	1.05	0.99	0.94	0.91	0.90	0.87	0.88	0.86	0.84	0.84	0.84	0.84	0.84	0.84
3.00	1.12	0.98	1.09	1.02	0.97	0.94	0.93	0.91	0.91	0.89	0.87	0.87	0.87	0.87	0.87	0.87
4.00	1.16	1.01	1.13	1.06	1.00	0.97	0.96	0.94	0.94	0.93	0.91	0.91	0.91	0.91	0.91	0.91
5.00	1.19	1.02	1.15	1.08	1.01	0.99	0.98	0.96	0.96	0.95	0.93	0.93	0.93	0.93	0.93	0.93

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	134360	128978	129934
50.0	103068	99439	100180
55.0	80713	77940	78954
60.0	64659	62585	64066
65.0	52083	50889	52598
70.0	42403	41740	43324
75.0	34393	34125	35341
80.0	26844	26578	27431
85.0	17102	16465	16996
90.0	-	-	-

(cd/m2)

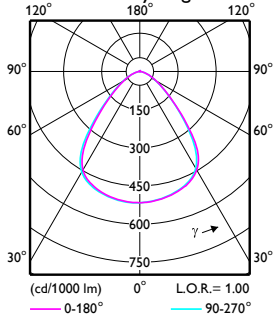
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2024-05-15

HCY2437L8CST-UN3-DIM-BK 240W 1xLED

1 x 37000 lm

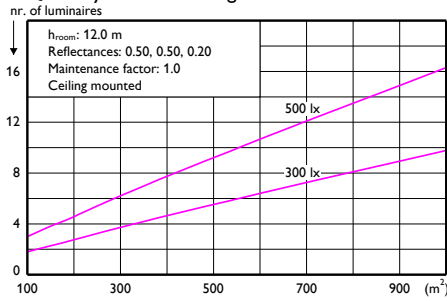
Polar intensity diagram



Light output ratio 1.00
Service upward 0.00
Service downward 1.00

CIE flux code 68 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	0.30	0.00			
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.10	0.00			
0.60	0.62	0.59	0.61	0.60	0.58	0.53	0.52	0.48	0.52	0.48	0.47				
0.80	0.72	0.68	0.71	0.69	0.67	0.61	0.61	0.57	0.60	0.56	0.55				
1.00	0.80	0.75	0.79	0.76	0.74	0.68	0.68	0.64	0.67	0.63	0.62				
1.25	0.88	0.81	0.86	0.83	0.80	0.75	0.74	0.70	0.73	0.70	0.68				
1.50	0.94	0.85	0.92	0.88	0.84	0.79	0.78	0.75	0.77	0.75	0.73				
2.00	1.02	0.91	1.00	0.95	0.90	0.87	0.85	0.83	0.84	0.82	0.80				
2.50	1.08	0.95	1.05	0.99	0.94	0.91	0.90	0.87	0.88	0.86	0.84				
3.00	1.12	0.98	1.09	1.02	0.97	0.94	0.93	0.91	0.91	0.89	0.87				
4.00	1.16	1.01	1.13	1.06	1.00	0.97	0.96	0.94	0.94	0.93	0.91				
5.00	1.19	1.02	1.15	1.08	1.01	0.99	0.98	0.96	0.96	0.95	0.92				

Ceiling mounted

Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	160459	156642	154947
50.0	122247	120164	119154
55.0	95356	94188	93365
60.0	75984	74790	74458
65.0	61220	60250	60348
70.0	49819	48985	49273
75.0	40648	39866	40347
80.0	31951	31353	31981
85.0	21200	20783	21259
90.0	-	-	-

(cd/m²)

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2024-05-15