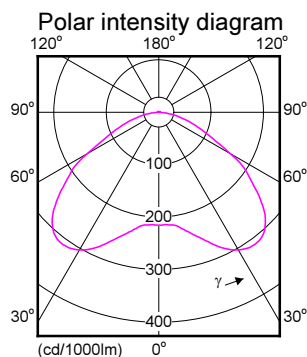
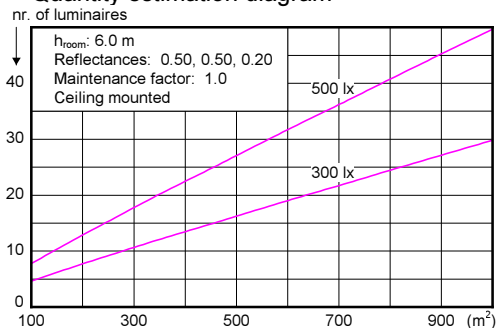


## TForce LED HPI ND 110-88W E40 840 120D 929001356900

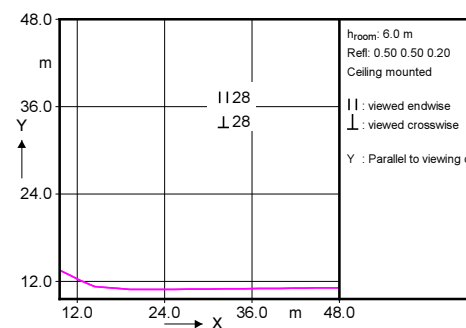
1 x 11000 lm



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 45 82 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 26

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	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.46	0.43	0.45	0.44	0.43	0.35	0.35	0.30	0.34	0.29	0.27	
0.80	0.58	0.54	0.56	0.55	0.53	0.45	0.40	0.44	0.44	0.39	0.37	
1.00	0.67	0.62	0.66	0.63	0.61	0.53	0.48	0.52	0.47	0.45		
1.25	0.76	0.70	0.74	0.72	0.69	0.61	0.56	0.60	0.55	0.53		
1.50	0.83	0.75	0.81	0.78	0.74	0.67	0.62	0.66	0.61	0.59		
2.00	0.93	0.83	0.91	0.86	0.82	0.75	0.71	0.74	0.71	0.68		
2.50	1.00	0.88	0.97	0.92	0.87	0.81	0.77	0.79	0.76	0.74		
3.00	1.05	0.92	1.02	0.96	0.90	0.85	0.82	0.83	0.80	0.78		
4.00	1.11	0.96	1.07	1.00	0.94	0.89	0.87	0.88	0.85	0.83		
5.00	1.14	0.98	1.10	1.03	0.97	0.92	0.90	0.90	0.88	0.85		

Ceiling mounted

Luminance Table

Plane Cone	0.0	15.0	30.0	45.0	60.0	75.0	90.0
45.0	46702	41660	39013	38185	39013	41660	46702
50.0	40474	35795	33369	32616	33369	35795	40474
55.0	33777	29617	27489	26831	27489	29617	33777
60.0	25925	22536	20825	20300	20825	22536	25925
65.0	17984	15496	14256	13877	14256	15496	17984
70.0	13048	11140	10202	9917	10202	11140	13048
75.0	8865	7495	6831	6631	6831	7495	8865
80.0	5353	4479	4062	3937	4062	4479	5353
85.0	2185	1807	1630	1577	1630	1807	2185
90.0	329	269	241	233	241	269	329

(cd/m²)