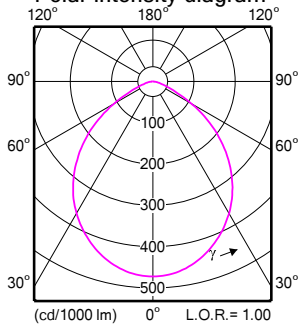


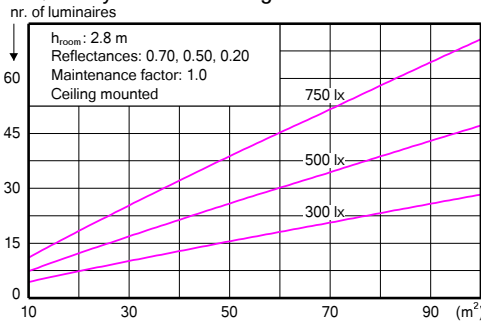
DN010B 1xLED10S/830 PSU

1 x 1100 lm

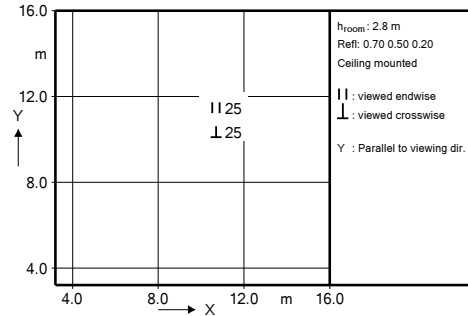
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 59 90 99 100 100  
 S/H ratio crosswise max. 1.4  
 lengthwise max. 1.5  
 UGRcen (4Hx8H, 0.25H) 24  
 UTE71-121: 1.00C + 0.00T

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	0.50	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.55	0.52	0.54	0.53	0.52	0.45	0.45	0.41	0.44	0.40	0.39	
0.80	0.66	0.62	0.65	0.63	0.62	0.55	0.54	0.50	0.54	0.50	0.48	
1.00	0.75	0.70	0.74	0.72	0.69	0.63	0.62	0.58	0.62	0.58	0.56	
1.25	0.84	0.77	0.82	0.79	0.76	0.70	0.69	0.65	0.69	0.65	0.63	
1.50	0.90	0.82	0.88	0.84	0.81	0.76	0.75	0.71	0.74	0.70	0.68	
2.00	0.99	0.89	0.97	0.92	0.88	0.84	0.82	0.79	0.81	0.78	0.76	
2.50	1.05	0.93	1.03	0.97	0.92	0.88	0.87	0.84	0.86	0.83	0.81	
3.00	1.09	0.96	1.06	1.00	0.95	0.92	0.90	0.88	0.89	0.87	0.84	
4.00	1.15	0.99	1.11	1.04	0.98	0.96	0.94	0.92	0.92	0.91	0.88	
5.00	1.18	1.01	1.14	1.06	1.00	0.98	0.96	0.94	0.94	0.93	0.90	

Ceiling mounted

Luminance Table

Plane	0.0	45.0	90.0
Ceiling	45.0	25769	25769
45.0°	23279	23279	23279
50.0°	20020	20020	20020
60.0°	15821	15821	15821
65.0°	11278	11278	11278
70.0°	7793	7793	7793
75.0°	5687	5687	5687
80.0°	5020	5020	5020
85.0°	4017	4017	4017
90.0°	-	-	-

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

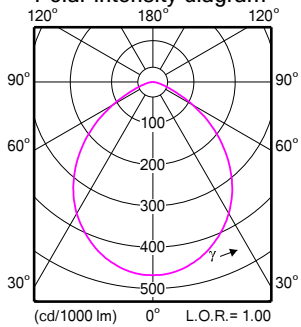
LVC1141725

2015-03-11

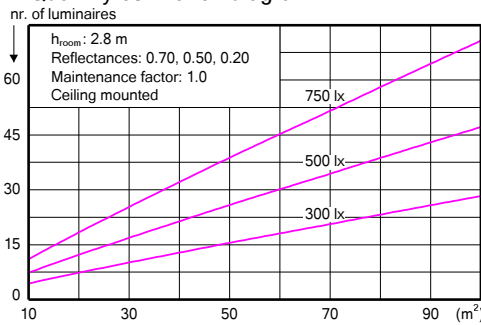
DN010B 1xLED10S/840 PSU

1 x 1100 lm

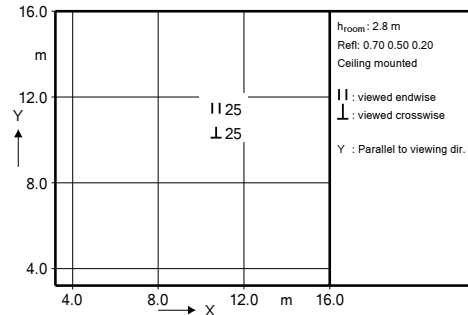
Polar intensity diagram



Quantity estimation diagram



UGR diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 59 90 99 100 100  
 S/H ratio crosswise max. 1.4  
 lengthwise max. 1.5  
 UGRcen (4Hx8H, 0.25H) 24  
 UTE71-121: 1.00C + 0.00T

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	0.50	0.50	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00
0.60	0.55	0.52	0.54	0.53	0.52	0.45	0.45	0.41	0.44	0.40	0.39	
0.80	0.66	0.62	0.65	0.63	0.62	0.55	0.54	0.50	0.54	0.50	0.48	
1.00	0.75	0.70	0.74	0.72	0.69	0.63	0.62	0.58	0.62	0.58	0.56	
1.25	0.84	0.77	0.82	0.79	0.76	0.70	0.69	0.65	0.69	0.65	0.63	
1.50	0.90	0.82	0.88	0.84	0.81	0.76	0.75	0.71	0.74	0.70	0.68	
2.00	0.99	0.89	0.97	0.92	0.88	0.84	0.82	0.79	0.81	0.78	0.76	
2.50	1.05	0.93	1.03	0.97	0.92	0.88	0.87	0.84	0.86	0.83	0.81	
3.00	1.09	0.96	1.06	1.00	0.95	0.92	0.90	0.88	0.89	0.87	0.84	
4.00	1.15	0.99	1.11	1.04	0.98	0.96	0.94	0.92	0.92	0.91	0.88	
5.00	1.18	1.01	1.14	1.06	1.00	0.98	0.96	0.94	0.94	0.93	0.90	

Ceiling mounted

Luminance Table

Plane	0.0	45.0	90.0
Ceiling	45.0	25699	25699
45.0°	23223	23223	23223
50.0°	20095	20095	20095
60.0°	16192	16192	16192
65.0°	11667	11667	11667
70.0°	8023	8023	8023
75.0°	5770	5770	5770
80.0°	5020	5020	5020
85.0°	4017	4017	4017
90.0°	-	-	-

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

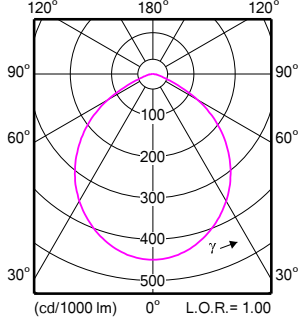
LVC1141726

2015-03-11

DN010B 1xLED20S/830 PSU

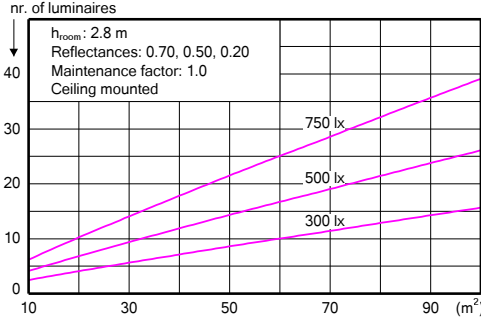
1 x 2000 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 57 89 99 100 100  
 S/H ratio crosswise max. 1.4  
 lengthwise max. 1.5  
 UGRcen (4Hx8H, 0.25H) 24  
 UTE71-121: 1.00C + 0.00T

Quantity estimation diagram

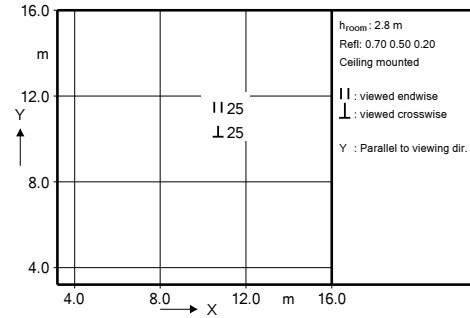


Utilisation factor table

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
0.60	0.54	0.51	0.53	0.52	0.51	0.44	0.43	0.39	0.43	0.39	0.37
0.80	0.65	0.61	0.64	0.62	0.61	0.54	0.53	0.49	0.53	0.48	0.46
1.00	0.74	0.69	0.73	0.70	0.68	0.62	0.61	0.57	0.60	0.56	0.54
1.25	0.83	0.76	0.81	0.78	0.75	0.69	0.68	0.64	0.67	0.64	0.62
1.50	0.89	0.81	0.87	0.84	0.80	0.75	0.74	0.70	0.73	0.69	0.67
2.00	0.99	0.88	0.96	0.91	0.87	0.83	0.81	0.78	0.80	0.77	0.75
2.50	1.05	0.92	1.02	0.96	0.91	0.88	0.86	0.84	0.85	0.83	0.80
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.84
4.00	1.14	0.99	1.11	1.04	0.98	0.95	0.93	0.92	0.92	0.90	0.88
5.00	1.17	1.01	1.14	1.06	1.00	0.97	0.96	0.94	0.94	0.93	0.90

Ceiling mounted

UGR diagram



Luminance Table

Plane Cane	0.0	45.0	90.0
45.0	25558	25558	25558
50.0	23836	23836	23836
55.0	21497	21497	21497
60.0	17931	17931	17931
65.0	12669	12669	12669
70.0	7652	7652	7652
75.0	5478	5478	5478
80.0	4915	4915	4915
85.0	4370	4370	4370
90.0	-	-	-

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

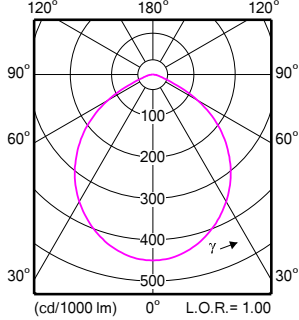
LVC1141728

2015-03-11

DN010B 1xLED20S/840 PSU

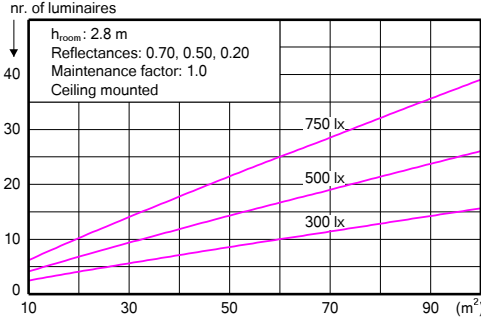
1 x 2000 lm

Polar intensity diagram



Light output ratio 1.00  
 Service upward 0.00  
 Service downward 1.00  
 CIE flux code 57 90 99 100 100  
 S/H ratio crosswise max. 1.4  
 lengthwise max. 1.5  
 UGRcen (4Hx8H, 0.25H) 24  
 UTE71-121: 1.00C + 0.00T

Quantity estimation diagram

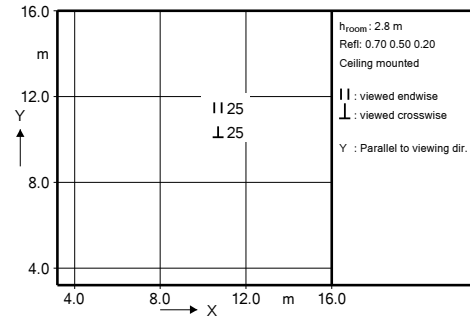


Utilisation factor table

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
0.60	0.54	0.51	0.53	0.52	0.50	0.44	0.43	0.39	0.43	0.39	0.37
0.80	0.65	0.61	0.64	0.62	0.60	0.54	0.53	0.49	0.53	0.48	0.46
1.00	0.74	0.69	0.73	0.71	0.68	0.62	0.61	0.57	0.60	0.56	0.54
1.25	0.83	0.76	0.81	0.78	0.75	0.69	0.69	0.64	0.68	0.64	0.62
1.50	0.89	0.81	0.87	0.84	0.80	0.75	0.74	0.70	0.73	0.69	0.67
2.00	0.99	0.88	0.96	0.92	0.87	0.83	0.82	0.78	0.81	0.78	0.75
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.84
4.00	1.14	0.99	1.11	1.04	0.98	0.95	0.93	0.92	0.92	0.90	0.88
5.00	1.17	1.01	1.14	1.06	1.00	0.97	0.96	0.94	0.94	0.93	0.90

Ceiling mounted

UGR diagram



Luminance Table

Plane Cane	0.0	45.0	90.0
45.0	25658	25658	25658
50.0	23923	23923	23923
55.0	21559	21559	21559
60.0	17917	17917	17917
65.0	12468	12468	12468
70.0	7466	7466	7466
75.0	5396	5396	5396
80.0	4875	4875	4875
85.0	4290	4290	4290
90.0	-	-	-

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

LVC1141728

2015-03-11