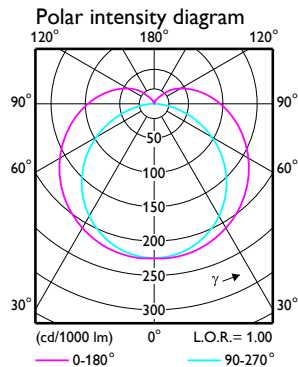


**BN068C LED3CW L300 G2 1xLED**

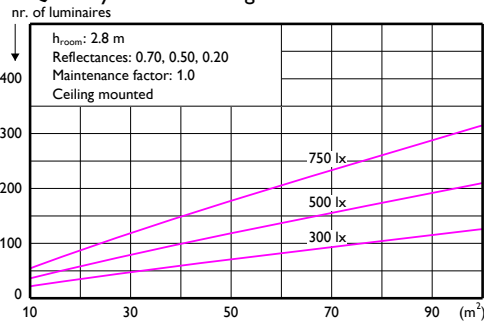
1 x 298 lm



Light output ratio 1.00  
 Service upward 0.16  
 Service downward 0.84

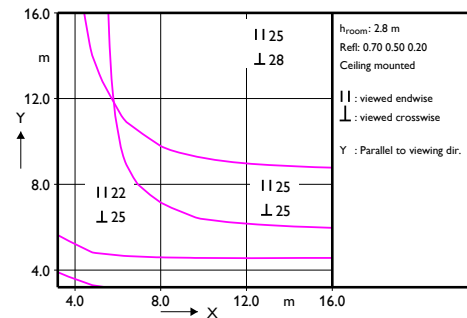
CIE flux code 37 66 86 84 100

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

**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				
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00				
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20				
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26				
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.36	0.32				
1.25	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37				
1.50	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42				
2.00	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49				
2.50	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54				
3.00	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57				
4.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62				
5.00	1.05	0.90	1.00	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65				

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9054	9027	10845
50.0	8883	8780	10565
55.0	8733	8538	10215
60.0	8612	8331	9791
65.0	8525	8109	9267
70.0	8495	7959	8553
75.0	8524	7869	7598
80.0	8630	7860	6258
85.0	8844	8089	4606
90.0	9237	8547	4961

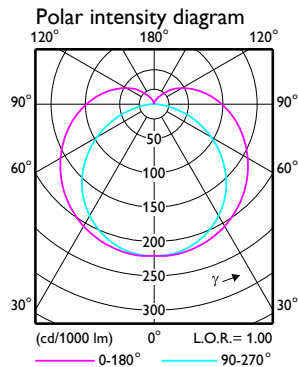
(cd/m²)

LVC1161546

2017-01-16

**BN068C LED6CW L600 G2 1xLED**

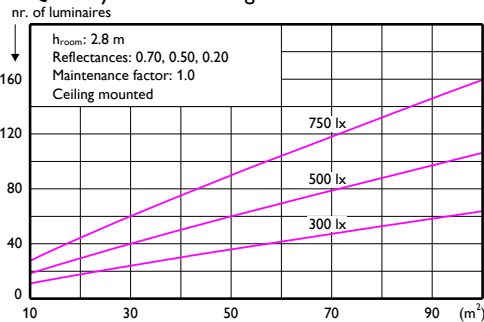
1 x 588 lm



Light output ratio 1.00  
 Service upward 0.16  
 Service downward 0.84

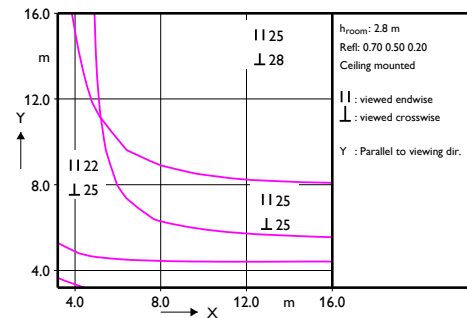
CIE flux code 37 66 86 84 100

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

**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				
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00				
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20				
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26				
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.36	0.32				
1.25	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37				
1.50	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42				
2.00	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49				
2.50	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54				
3.00	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57				
4.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62				
5.00	1.05	0.90	1.00	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65				

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9591	9666	11771
50.0	9424	9420	11475
55.0	9287	9163	11121
60.0	9188	8943	10689
65.0	9139	8771	10115
70.0	9146	8602	9335
75.0	9221	8575	8291
80.0	9390	8645	6813
85.0	9670	8931	4820
90.0	10150	9390	4533

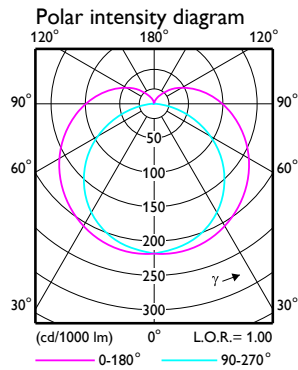
(cd/m²)

LVC1161547

2017-01-16

**BN068C LED9CW L900 G2 1xLED**

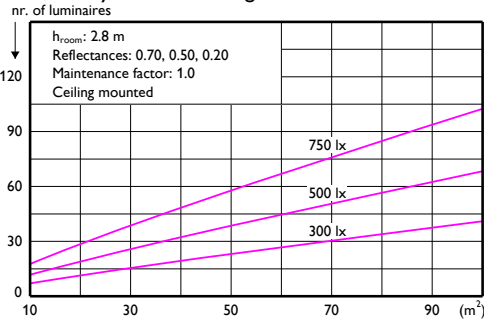
1 x 919 lm



Light output ratio 1.00  
Service upward 0.17  
Service downward 0.83

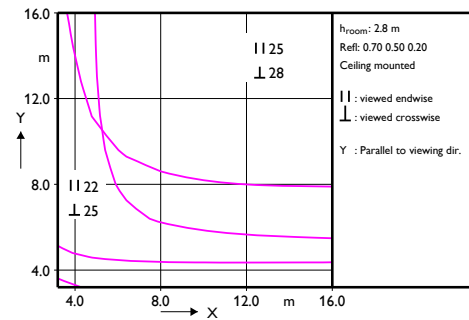
CIE flux code 37 65 86 83 100

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

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20	0.18	0.20	0.18	0.16	0.14
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26	0.23	0.25	0.23	0.21	0.19
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.42	0.37	0.40	0.35	0.31	0.28	0.30	0.28	0.26	0.24
1.25	0.67	0.61	0.64	0.62	0.59	0.52	0.49	0.43	0.46	0.41	0.37	0.34	0.36	0.34	0.32	0.30
1.50	0.73	0.66	0.70	0.67	0.64	0.57	0.54	0.48	0.50	0.46	0.41	0.38	0.40	0.38	0.36	0.34
2.00	0.83	0.74	0.79	0.75	0.71	0.65	0.61	0.56	0.58	0.54	0.48	0.45	0.47	0.45	0.43	0.41
2.50	0.89	0.79	0.85	0.80	0.76	0.70	0.66	0.62	0.62	0.59	0.53	0.50	0.52	0.50	0.48	0.46
3.00	0.94	0.82	0.90	0.84	0.80	0.74	0.70	0.66	0.66	0.63	0.56	0.53	0.55	0.53	0.51	0.49
4.00	1.01	0.87	0.96	0.90	0.84	0.80	0.75	0.72	0.71	0.68	0.61	0.58	0.60	0.58	0.56	0.54
5.00	1.05	0.90	0.99	0.93	0.87	0.83	0.78	0.75	0.74	0.71	0.65	0.62	0.64	0.62	0.60	0.58

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9895	9956	11837
50.0	9726	9715	11616
55.0	9605	9464	11322
60.0	9508	9245	10919
65.0	9465	9017	10324
70.0	9472	8864	9545
75.0	9545	8817	8477
80.0	9711	8906	6978
85.0	9992	9176	4879
90.0	10476	9848	8167

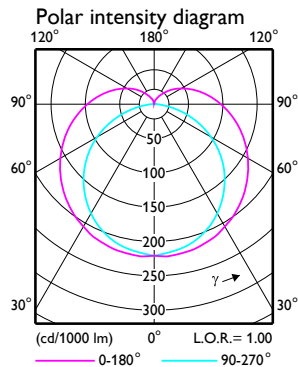
(cd/m²)

LVC1161548

2017-01-16

**BN068C LED12CW L1200 G2 1xLED**

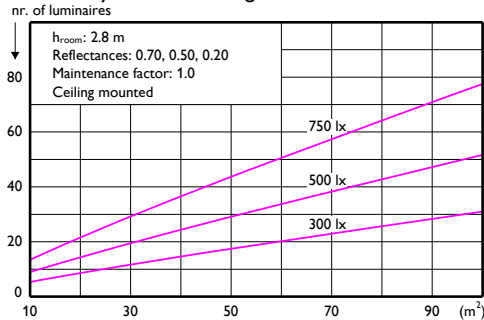
1 x 1210 lm



Light output ratio 1.00  
Service upward 0.16  
Service downward 0.84

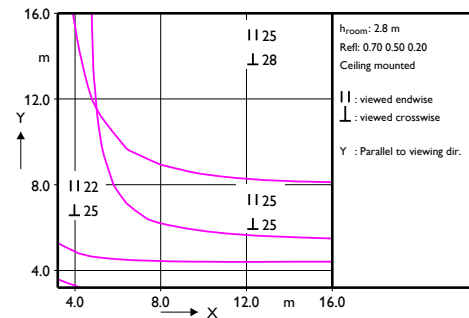
CIE flux code 37 66 86 84 100

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

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20	0.18	0.20	0.18	0.16	0.14
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26	0.23	0.25	0.23	0.21	0.19
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.35	0.31	0.28	0.30	0.28	0.26	0.24
1.25	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37	0.34	0.36	0.34	0.32	0.30
1.50	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42	0.39	0.41	0.39	0.37	0.35
2.00	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49	0.46	0.48	0.46	0.44	0.42
2.50	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54	0.51	0.53	0.51	0.49	0.47
3.00	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57	0.54	0.56	0.54	0.52	0.50
4.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62	0.59	0.61	0.59	0.57	0.55
5.00	1.05	0.90	0.99	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65	0.62	0.64	0.62	0.60	0.58

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9662	9751	11672
50.0	9474	9516	11474
55.0	9332	9271	11201
60.0	9222	9057	10835
65.0	9174	8850	10358
70.0	9155	8703	9633
75.0	9215	8615	8604
80.0	9341	8671	7131
85.0	9586	8928	5224
90.0	10030	9519	12098

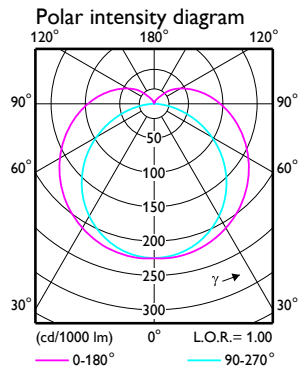
(cd/m²)

LVC1161549

2017-01-16

**BN068C LED3NW L300 G2 1xLED**

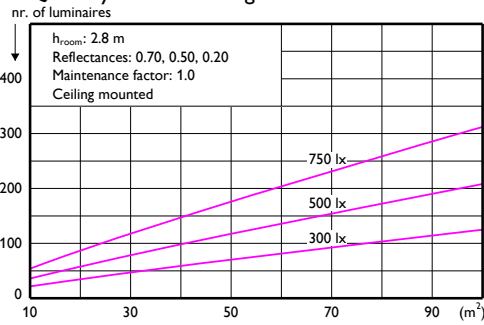
1 x 300 lm



Light output ratio 1.00  
 Service upward 0.16  
 Service downward 0.84

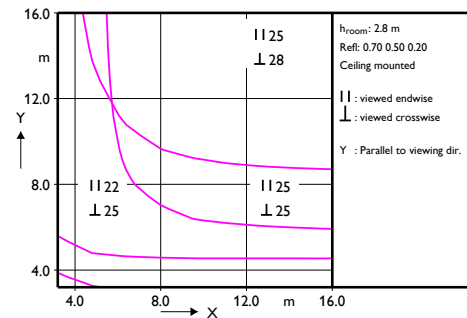
CIE flux code 37 66 86 84 100

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

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20	0.18	0.20	0.18	0.16	0.14
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26	0.23	0.26	0.23	0.20	0.18
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.36	0.32	0.28	0.32	0.28	0.24	0.21
1.25	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37	0.33	0.37	0.33	0.29	0.25
1.50	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42	0.37	0.41	0.37	0.32	0.28
2.00	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49	0.44	0.48	0.44	0.39	0.34
2.50	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54	0.48	0.52	0.48	0.42	0.37
3.00	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57	0.51	0.55	0.51	0.44	0.39
4.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62	0.55	0.59	0.55	0.47	0.41
5.00	1.05	0.90	1.00	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65	0.57	0.61	0.57	0.48	0.42

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9131	9104	10938
50.0	8958	8854	10655
55.0	8807	8611	10302
60.0	8685	8402	9874
65.0	8597	8177	9346
70.0	8567	8026	8626
75.0	8596	7936	7662
80.0	8703	7927	6312
85.0	8919	8157	4645
90.0	9316	8620	5003

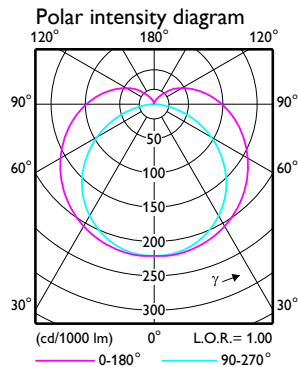
(cd/m²)

LVC1161546

2017-01-16

**BN068C LED6NW L600 G2 1xLED**

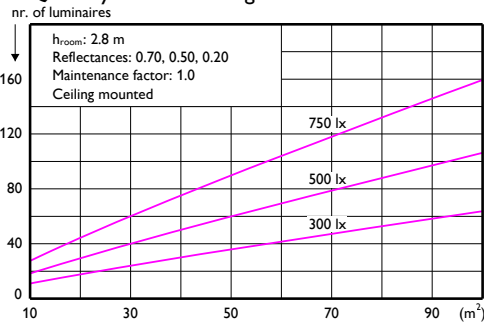
1 x 588 lm



Light output ratio 1.00  
 Service upward 0.16  
 Service downward 0.84

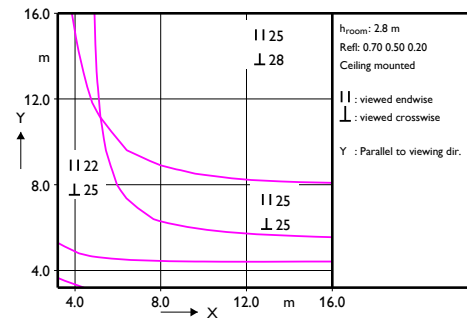
CIE flux code 37 66 86 84 100

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

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20	0.18	0.20	0.18	0.16	0.14
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26	0.23	0.26	0.23	0.20	0.18
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.36	0.32	0.28	0.32	0.28	0.24	0.21
1.25	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37	0.33	0.37	0.33	0.29	0.25
1.50	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42	0.37	0.41	0.37	0.32	0.28
2.00	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49	0.44	0.48	0.44	0.39	0.34
2.50	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54	0.48	0.52	0.48	0.42	0.37
3.00	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57	0.51	0.55	0.51	0.44	0.39
4.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62	0.55	0.59	0.55	0.47	0.41
5.00	1.05	0.90	1.00	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65	0.57	0.61	0.57	0.48	0.42

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9594	9668	11775
50.0	9427	9423	11478
55.0	9289	9166	11124
60.0	9190	8946	10692
65.0	9142	8773	10117
70.0	9148	8604	9337
75.0	9224	8577	8294
80.0	9392	8647	6815
85.0	9673	8933	4821
90.0	10153	9392	6535

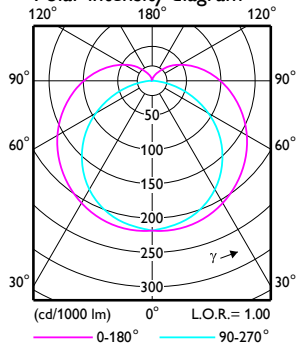
(cd/m²)

LVC1161547

2017-01-16

**BN068C LED9NW L900 G2 1xLED**

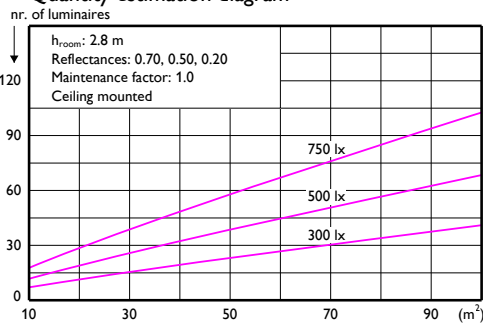
1 x 918 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.17  
Service downward 0.83

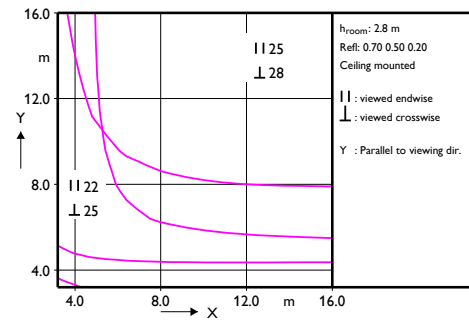
CIE flux code 37 65 86 83 100

UGRcen (4Hx8H, 0.25H) 26

**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					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00					
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20					
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26					
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.42	0.37	0.40	0.35	0.31					
1.25	0.67	0.61	0.64	0.62	0.59	0.52	0.49	0.43	0.46	0.41	0.37					
1.50	0.73	0.66	0.70	0.67	0.64	0.57	0.54	0.48	0.50	0.46	0.41					
2.00	0.83	0.74	0.79	0.75	0.71	0.65	0.61	0.56	0.58	0.54	0.48					
2.50	0.89	0.79	0.85	0.80	0.76	0.70	0.66	0.62	0.62	0.59	0.53					
3.00	0.94	0.82	0.90	0.84	0.80	0.74	0.70	0.66	0.66	0.63	0.56					
4.00	1.01	0.87	0.96	0.90	0.84	0.80	0.75	0.72	0.71	0.68	0.61					
5.00	1.05	0.90	0.99	0.93	0.87	0.83	0.78	0.75	0.74	0.71	0.65					

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9884	9945	11824
50.0	9715	9705	11603
55.0	9594	9454	11309
60.0	9498	9235	10907
65.0	9454	9007	10313
70.0	9462	8855	9535
75.0	9534	8808	8468
80.0	9701	8896	6971
85.0	9981	9166	4874
90.0	10465	9837	8158

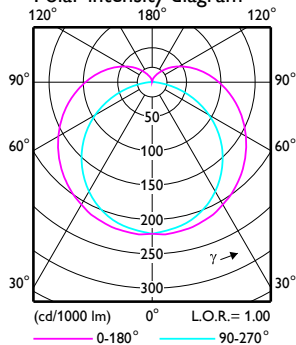
(cd/m<sup>2</sup>)

LVC1161548

2017-01-16

**BN068C LED12NW L1200 G2 1xLED**

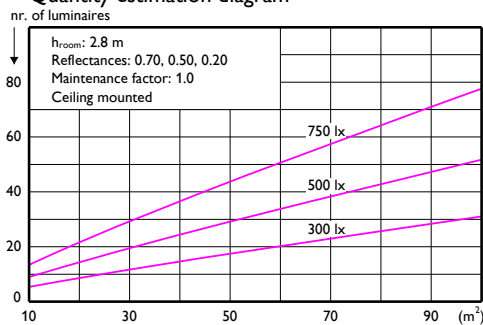
1 x 1208 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.16  
Service downward 0.84

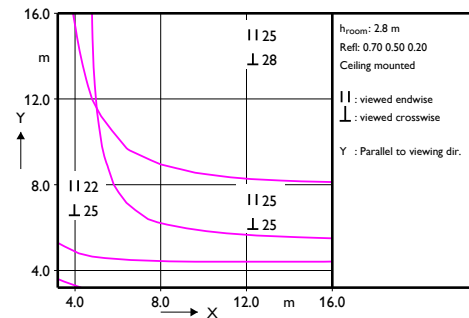
CIE flux code 37 66 86 84 100

UGRcen (4Hx8H, 0.25H) 26

**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					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00					
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20					
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26					
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.36	0.32					
1.25	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37					
1.50	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42					
2.00	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49					
2.50	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54					
3.00	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57					
4.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62					
5.00	1.05	0.90	1.00	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65					

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9650	9739	11657
50.0	9462	9504	11460
55.0	9320	9259	11187
60.0	9210	9046	10821
65.0	9163	8839	10345
70.0	9143	8692	9621
75.0	9204	8605	8593
80.0	9329	8660	7122
85.0	9574	8917	5217
90.0	10018	9508	12083

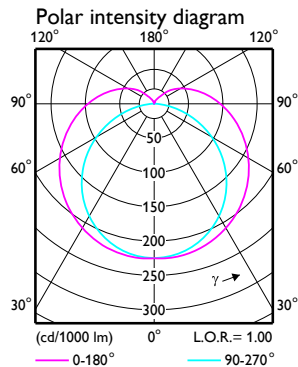
(cd/m<sup>2</sup>)

LVC1161549

2017-01-16

**BN068C LED3WW L300 G2 1xLED**

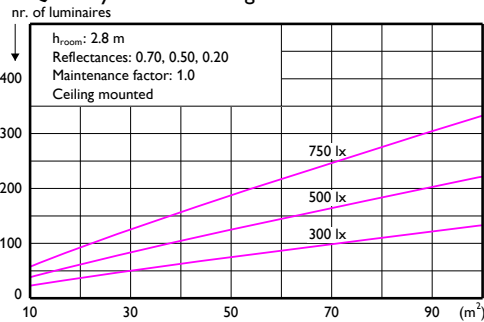
1 x 282 lm



Light output ratio 1.00  
 Service upward 0.16  
 Service downward 0.84

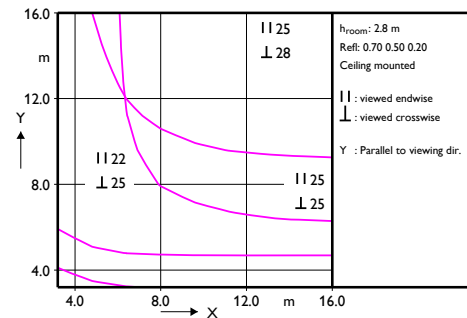
CIE flux code 37 66 86 84 100

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

**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	0.80	0.80	0.70	0.70
0.60	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.50	0.50	0.50	0.30
0.80	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.36	0.32	0.59	0.55	0.57	0.55
1.00	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37	0.67	0.62	0.64	0.60
1.25	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42	0.73	0.67	0.70	0.67
1.50	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49	0.83	0.74	0.79	0.75
2.00	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54	0.90	0.79	0.85	0.81
2.50	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57	0.94	0.83	0.90	0.85
3.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62	1.01	0.87	0.96	0.90
4.00	1.05	0.90	1.00	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65	1.05	0.90	1.00	0.93

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	8570	8545	10265
50.0	8408	8310	10000
55.0	8266	8081	9669
60.0	8152	7885	9267
65.0	8069	7675	8772
70.0	8040	7533	8096
75.0	8068	7448	7191
80.0	8168	7440	5924
85.0	8371	7656	4360
90.0	8743	8090	4696

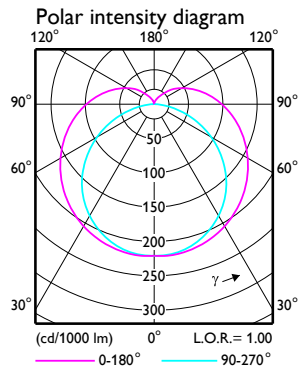
(cd/m²)

LVC1161546

2017-01-16

**BN068C LED6WW L600 G2 1xLED**

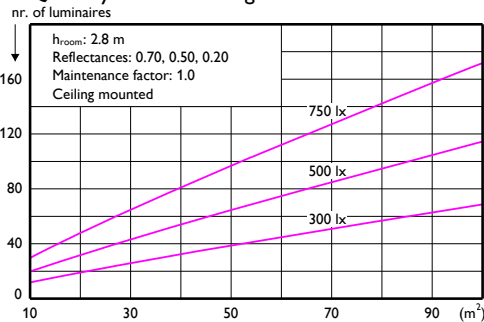
1 x 546 lm



Light output ratio 1.00  
 Service upward 0.16  
 Service downward 0.84

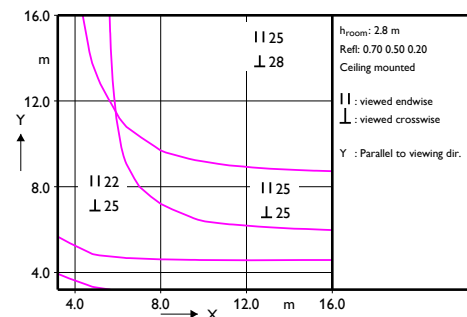
CIE flux code 37 66 86 84 100

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

**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	0.80	0.80	0.70	0.70
0.60	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.50	0.50	0.50	0.30
0.80	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.36	0.32	0.59	0.55	0.57	0.55
1.00	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37	0.67	0.62	0.64	0.60
1.25	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42	0.73	0.67	0.70	0.67
1.50	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49	0.83	0.74	0.79	0.75
2.00	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54	0.90	0.79	0.85	0.81
2.50	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57	0.94	0.83	0.90	0.85
3.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62	1.01	0.87	0.96	0.90
4.00	1.05	0.90	1.00	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65	1.05	0.90	1.00	0.93

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	8903	8972	10927
50.0	8748	8745	10652
55.0	8621	8506	10323
60.0	8529	8302	9923
65.0	8484	8142	9389
70.0	8490	7985	8665
75.0	8560	7960	7697
80.0	8716	8025	6325
85.0	8977	8290	4474
90.0	9422	8716	6064

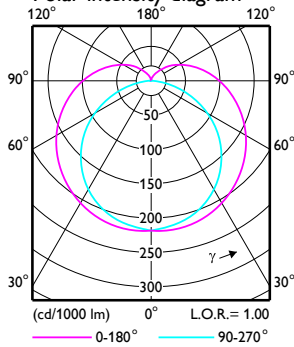
(cd/m²)

LVC1161547

2017-01-16

**BN068C LED9WW L900 G2 1xLED**

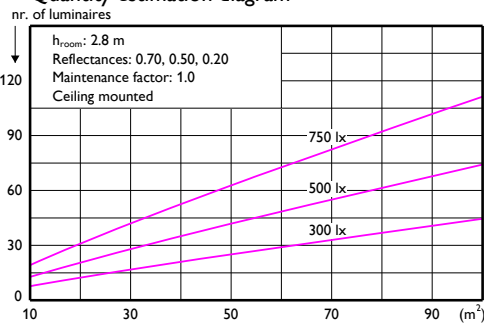
1 x 846 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.17  
Service downward 0.83

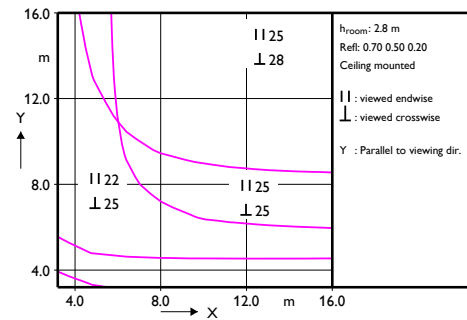
CIE flux code 37 65 86 83 100

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

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20	0.18	0.20	0.18	0.16	0.14
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26	0.23	0.25	0.23	0.21	0.19
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.42	0.37	0.40	0.35	0.31	0.28	0.30	0.28	0.26	0.24
1.25	0.67	0.61	0.64	0.62	0.59	0.52	0.49	0.43	0.46	0.41	0.37	0.34	0.36	0.34	0.32	0.30
1.50	0.73	0.66	0.70	0.67	0.64	0.57	0.54	0.48	0.50	0.46	0.41	0.38	0.40	0.38	0.36	0.34
2.00	0.83	0.74	0.79	0.75	0.71	0.65	0.61	0.56	0.58	0.54	0.48	0.45	0.47	0.45	0.43	0.41
2.50	0.89	0.79	0.85	0.80	0.76	0.70	0.66	0.62	0.62	0.59	0.53	0.50	0.52	0.50	0.48	0.46
3.00	0.94	0.82	0.90	0.84	0.80	0.74	0.70	0.66	0.66	0.63	0.56	0.53	0.55	0.53	0.51	0.49
4.00	1.01	0.87	0.96	0.90	0.84	0.80	0.75	0.72	0.71	0.68	0.61	0.58	0.60	0.58	0.56	0.54
5.00	1.05	0.90	0.99	0.93	0.87	0.83	0.78	0.75	0.74	0.71	0.65	0.62	0.64	0.62	0.60	0.58

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9111	9168	10900
50.0	8956	8946	10696
55.0	8845	8715	10425
60.0	8755	8513	10054
65.0	8715	8303	9507
70.0	8722	8163	8789
75.0	8789	8119	7806
80.0	8942	8201	6426
85.0	9201	8449	4493
90.0	9647	9068	7520

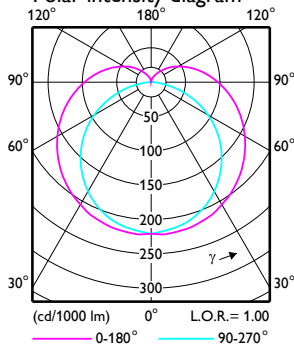
(cd/m<sup>2</sup>)

LVC1161548

2017-01-16

**BN068C LED12WW L1200 G2 1xLED**

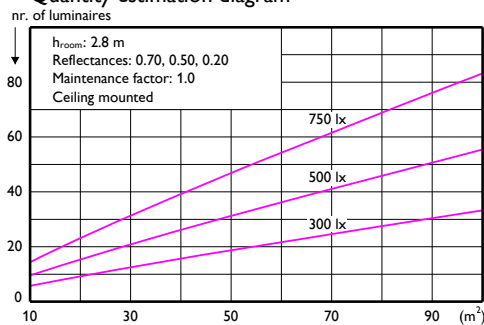
1 x 1127 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.16  
Service downward 0.84

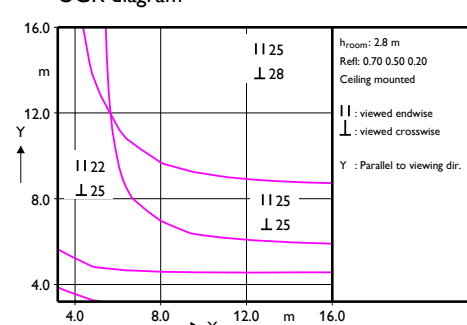
CIE flux code 37 66 86 84 100

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

**Quantity estimation diagram****Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)															
	0.80				0.70				0.50				0.30			
	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10	0.80	0.50	0.30	0.10
0.60	0.41	0.39	0.40	0.39	0.38	0.30	0.29	0.24	0.27	0.23	0.20	0.18	0.20	0.18	0.16	0.14
0.80	0.51	0.48	0.49	0.48	0.46	0.38	0.36	0.31	0.34	0.30	0.26	0.23	0.25	0.23	0.21	0.19
1.00	0.59	0.55	0.57	0.55	0.53	0.45	0.43	0.37	0.40	0.35	0.31	0.28	0.30	0.28	0.26	0.24
1.25	0.67	0.62	0.64	0.62	0.60	0.52	0.49	0.44	0.46	0.42	0.37	0.34	0.36	0.34	0.32	0.30
1.50	0.73	0.67	0.70	0.67	0.64	0.57	0.54	0.49	0.51	0.47	0.42	0.39	0.41	0.39	0.37	0.35
2.00	0.83	0.74	0.79	0.75	0.72	0.65	0.62	0.57	0.58	0.54	0.49	0.46	0.48	0.46	0.44	0.42
2.50	0.90	0.79	0.85	0.81	0.77	0.71	0.67	0.62	0.63	0.59	0.54	0.51	0.53	0.51	0.49	0.47
3.00	0.94	0.83	0.90	0.85	0.80	0.75	0.71	0.67	0.67	0.63	0.57	0.54	0.56	0.54	0.52	0.50
4.00	1.01	0.87	0.96	0.90	0.85	0.80	0.76	0.72	0.71	0.68	0.62	0.59	0.61	0.59	0.57	0.55
5.00	1.05	0.90	0.99	0.93	0.87	0.83	0.79	0.76	0.74	0.72	0.65	0.62	0.64	0.62	0.60	0.58

Ceiling mounted

**UGR diagram****Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	9004	9087	10877
50.0	8829	8868	10693
55.0	8696	8639	10438
60.0	8594	8440	10097
65.0	8549	8247	9653
70.0	8531	8110	8977
75.0	8587	8029	8018
80.0	8705	8080	6645
85.0	8933	8320	4868
90.0	9347	8871	11274

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

LVC1161549

2017-01-16