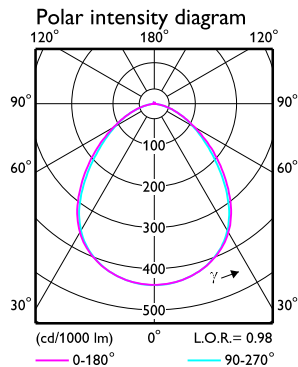


RC099V G3 LED29 840 PSD 1xLED W60L60 OC CAU HE

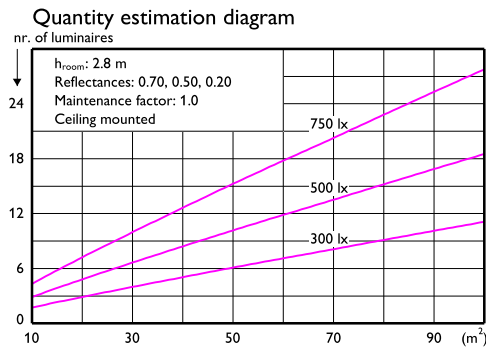
1 x 2900 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

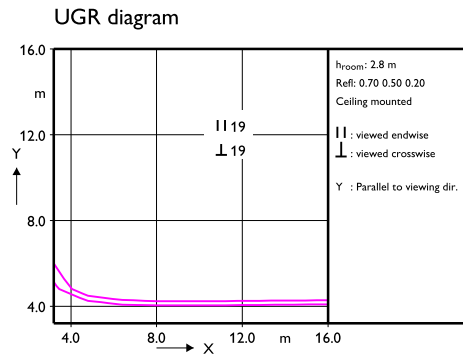
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.55	0.59	0.55
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.66	0.62	0.65	0.60
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.71	0.68	0.70	0.67
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.79	0.76	0.78	0.75
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.84	0.81	0.82	0.80
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	0.87	0.85	0.85	0.83
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	0.91	0.89	0.89	0.87
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	0.93	0.91	0.91	0.90
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.93	0.91	0.91	0.90

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3221	3117	3013
50.0	2886	2770	2654
55.0	2528	2437	2346
60.0	2170	2130	2090
65.0	1878	1867	1856
70.0	1615	1609	1602
75.0	1353	1330	1307
80.0	1047	1008	969
85.0	652	619	586
90.0	-	-	-

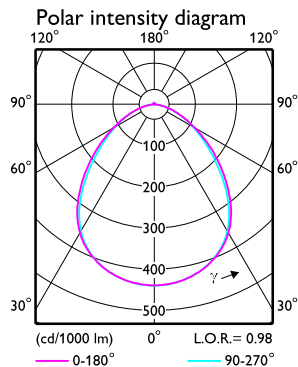
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED29 840 PSD 1xLED W60L60 OC CAU

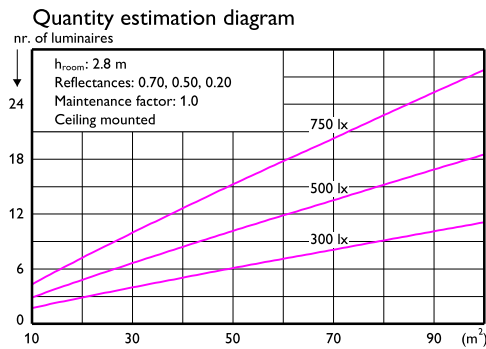
1 x 2900 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

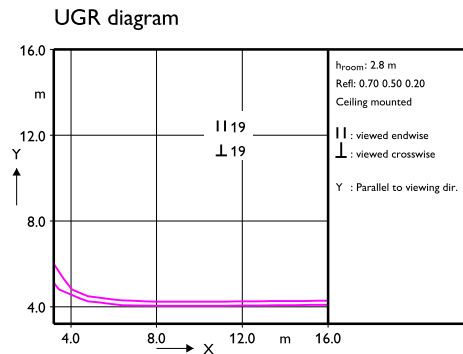
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.55	0.59	0.55
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.66	0.62	0.65	0.60
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.71	0.68	0.70	0.67
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.79	0.76	0.78	0.75
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.84	0.81	0.82	0.80
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	0.87	0.85	0.85	0.83
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	0.91	0.89	0.89	0.87
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	0.93	0.91	0.91	0.90
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.93	0.91	0.91	0.90

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3221	3117	3013
50.0	2886	2770	2654
55.0	2528	2437	2346
60.0	2170	2130	2090
65.0	1878	1867	1856
70.0	1615	1609	1602
75.0	1353	1330	1307
80.0	1047	1008	969
85.0	652	619	586
90.0	-	-	-

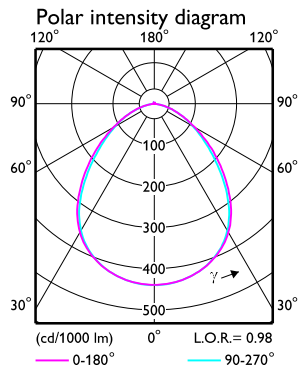
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED29 840 PSU 1xLED W60L60 OC CAU

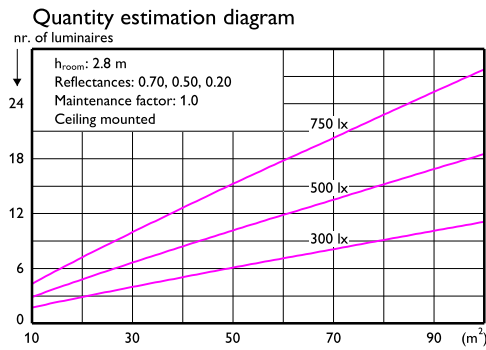
1 x 2900 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

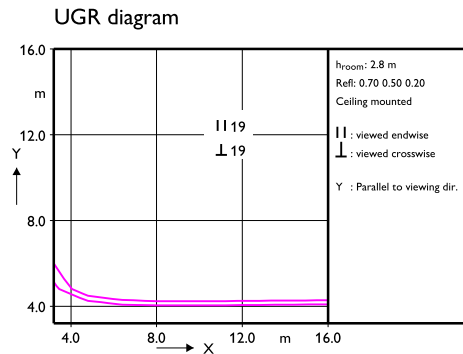
CIE flux code 58 87 98 99 98

UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²

**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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.55	0.59	0.55
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.66	0.62	0.65	0.62
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.71	0.68	0.70	0.67
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.79	0.76	0.78	0.75
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.84	0.81	0.82	0.80
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	0.87	0.85	0.85	0.83
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	0.91	0.89	0.89	0.87
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	0.93	0.91	0.91	0.90
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.93	0.91	0.91	0.90

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3221	3117	3013
50.0	2886	2770	2654
55.0	2528	2437	2346
60.0	2170	2130	2090
65.0	1878	1867	1856
70.0	1615	1609	1602
75.0	1353	1330	1307
80.0	1047	1008	969
85.0	652	619	586
90.0	-	-	-

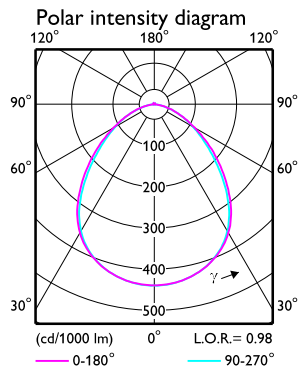
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED29 850 PSD 1xLED W60L60 OC CAU

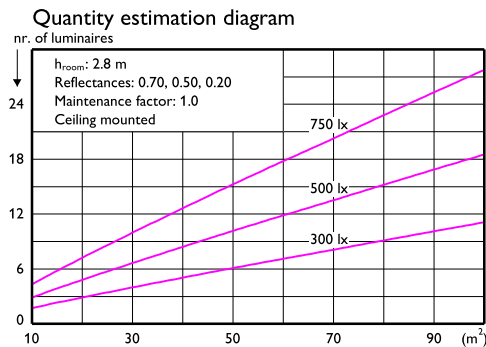
1 x 2900 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

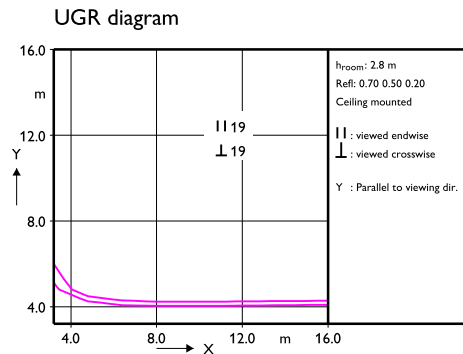
CIE flux code 58 87 98 99 98

UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²

**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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.55	0.59	0.55
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.66	0.62	0.65	0.62
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.71	0.68	0.70	0.67
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.79	0.76	0.78	0.75
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.84	0.81	0.82	0.80
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	0.87	0.85	0.85	0.83
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	0.91	0.89	0.89	0.87
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	0.93	0.91	0.91	0.90
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.93	0.91	0.91	0.90

Ceiling mounted

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3221	3117	3013
50.0	2886	2770	2654
55.0	2528	2437	2346
60.0	2170	2130	2090
65.0	1878	1867	1856
70.0	1615	1609	1602
75.0	1353	1330	1307
80.0	1047	1008	969
85.0	652	619	586
90.0	-	-	-

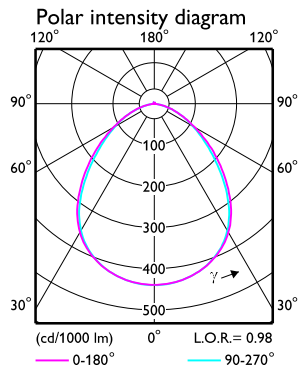
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED29 850 PSU 1xLED W60L60 OC CAU

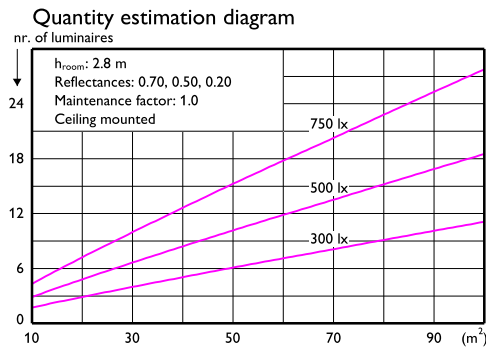
1 x 2900 lm



Light output ratio 0.98
 Service upward 0.01
 Service downward 0.97

CIE flux code 58 87 98 99 98

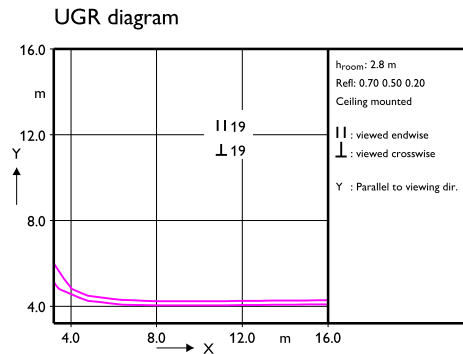
UGR_{cen} (4Hx8H, 0.25H) 18
 EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.60	0.63	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.73	0.68	0.71	0.69
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.81	0.74	0.79	0.76
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.87	0.79	0.85	0.81
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.96	0.86	0.94	0.89
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.02	0.90	0.99	0.94
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.06	0.93	1.03	0.97
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.11	0.96	1.08	1.01
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.14	0.98	1.11	1.03

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3221	3117	3013
50.0	2886	2770	2654
55.0	2528	2437	2346
60.0	2170	2130	2090
65.0	1878	1867	1856
70.0	1615	1609	1602
75.0	1353	1330	1307
80.0	1047	1008	969
85.0	652	619	586
90.0	-	-	-

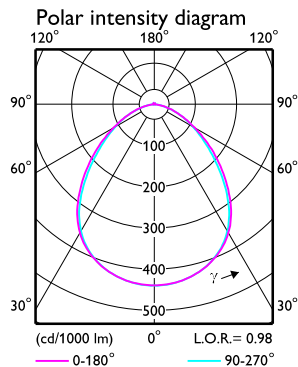
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED29 865 PSD 1xLED W60L60 OC CAU

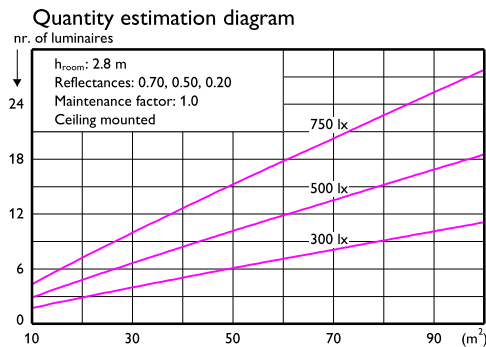
1 x 2900 lm



Light output ratio 0.98
 Service upward 0.01
 Service downward 0.97

CIE flux code 58 87 98 99 98

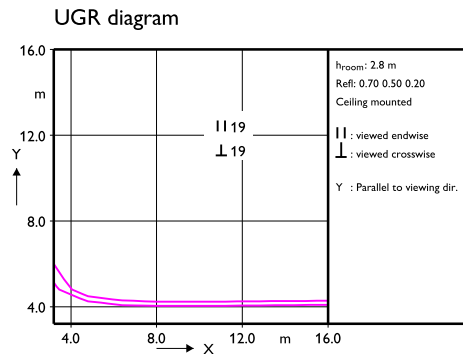
UGR_{cen} (4Hx8H, 0.25H) 18
 EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.60	0.63	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.73	0.68	0.71	0.69
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.81	0.74	0.79	0.76
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.87	0.79	0.85	0.81
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.96	0.86	0.94	0.89
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.02	0.90	0.99	0.94
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.06	0.93	1.03	0.97
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.11	0.96	1.08	1.01
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.14	0.98	1.11	1.03

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3221	3117	3013
50.0	2886	2770	2654
55.0	2528	2437	2346
60.0	2170	2130	2090
65.0	1878	1867	1856
70.0	1615	1609	1602
75.0	1353	1330	1307
80.0	1047	1008	969
85.0	652	619	586
90.0	-	-	-

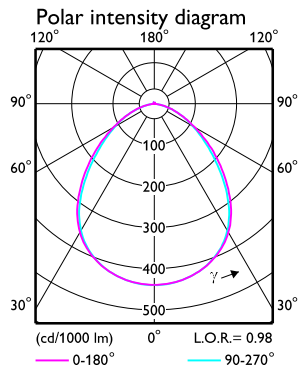
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED29 865 PSU 1xLED W60L60 OC CAU

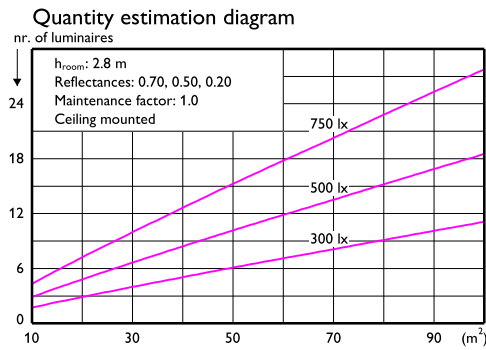
1 x 2900 lm



Light output ratio 0.98
 Service upward 0.01
 Service downward 0.97

CIE flux code 58 87 98 99 98

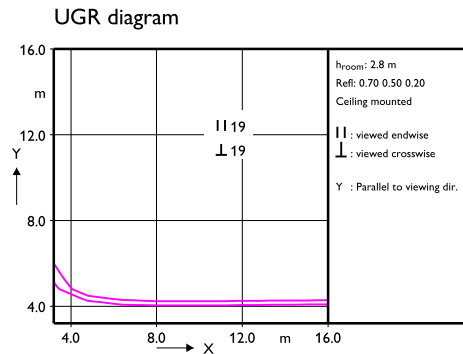
UGR_{cen} (4Hx8H, 0.25H) 18
 EN12464-1 65 deg, 3000 cd/m²



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.51	0.53	0.52	0.51	0.44	0.44	0.39	0.43	0.37
1.25	0.50	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.46
1.50	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.53
2.00	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.60
2.50	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.65
3.00	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.72
4.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.77
5.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.81
6.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87
7.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.87

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3221	3117	3013
50.0	2886	2770	2654
55.0	2528	2437	2346
60.0	2170	2130	2090
65.0	1878	1867	1856
70.0	1615	1609	1602
75.0	1353	1330	1307
80.0	1047	1008	969
85.0	652	619	586
90.0	-	-	-

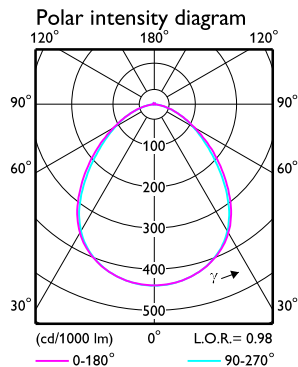
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 840 PSD 1xLED W60L60 OC CAU HE

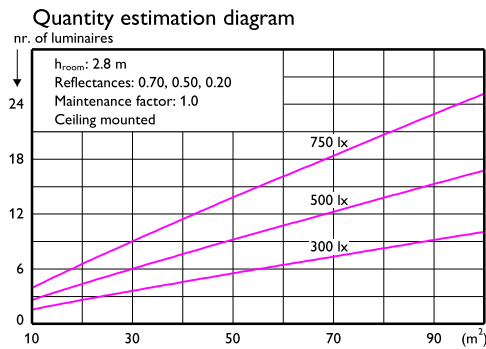
1 x 3200 lm



Light output ratio 0.98
 Service upward 0.01
 Service downward 0.97

CIE flux code 58 87 98 99 98

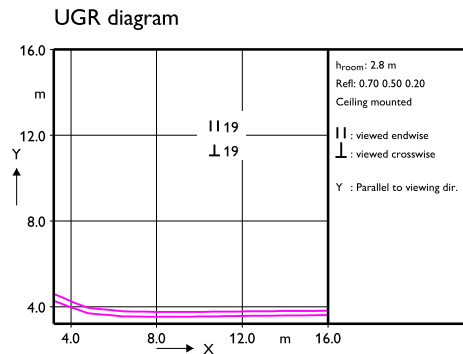
UGR_{cen} (4Hx8H, 0.25H) 18
 EN12464-1 65 deg, 3000 cd/m²



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.51	0.53	0.52	0.51	0.44	0.44	0.39	0.43	0.37
1.25	0.50	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.46
1.50	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.53
2.00	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.60
2.50	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.65
3.00	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.72
4.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.77
5.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.81
6.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87
7.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.87

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3554	3439	3324
50.0	3185	3057	2928
55.0	2790	2689	2589
60.0	2395	2350	2306
65.0	2072	2060	2048
70.0	1782	1775	1768
75.0	1493	1467	1442
80.0	1156	1113	1070
85.0	720	683	647
90.0	-	-	-

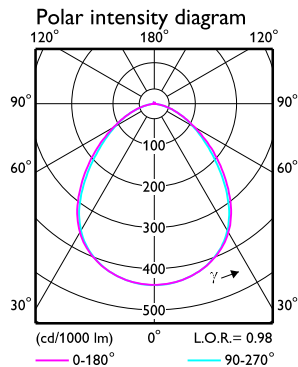
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 840 PSD 1xLED W60L60 OC CAU

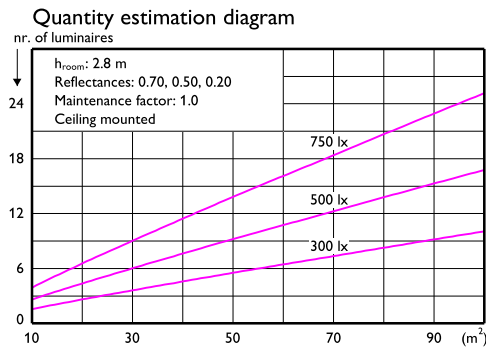
1 x 3200 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

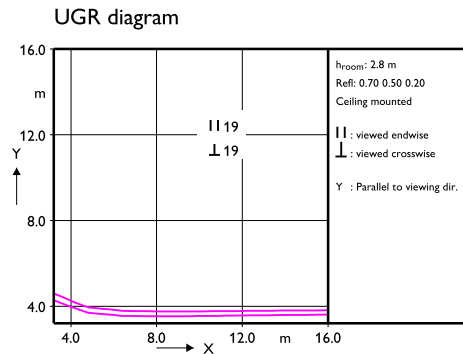
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	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	0.54	0.51	0.53	0.52	0.51	0.44	0.44	0.39	0.43	0.39	0.37	0.37
0.80	0.64	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.46
1.00	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.53
1.25	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.60
1.50	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.65
2.00	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.72
2.50	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	0.77
3.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	0.81
4.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	0.85
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3554	3439	3324
50.0	3185	3057	2928
55.0	2790	2689	2589
60.0	2395	2350	2306
65.0	2072	2060	2048
70.0	1782	1775	1768
75.0	1493	1467	1442
80.0	1156	1113	1070
85.0	720	683	647
90.0	-	-	-

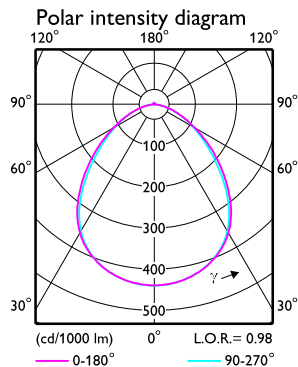
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 840 PSU 1xLED W60L60 OC CAU

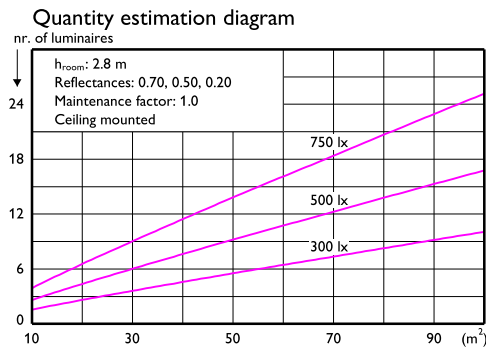
1 x 3200 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

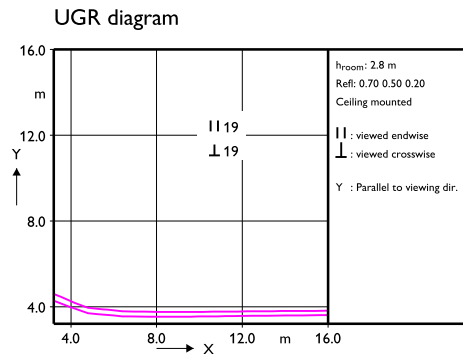
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	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	0.54	0.51	0.53	0.52	0.51	0.44	0.44	0.39	0.43	0.39	0.37	0.37
0.80	0.64	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.46
1.00	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.53
1.25	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.60
1.50	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.65
2.00	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.72
2.50	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	0.77
3.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	0.81
4.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	0.85
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3554	3439	3324
50.0	3185	3057	2928
55.0	2790	2689	2589
60.0	2395	2350	2306
65.0	2072	2060	2048
70.0	1782	1775	1768
75.0	1493	1467	1442
80.0	1156	1113	1070
85.0	720	683	647
90.0	-	-	-

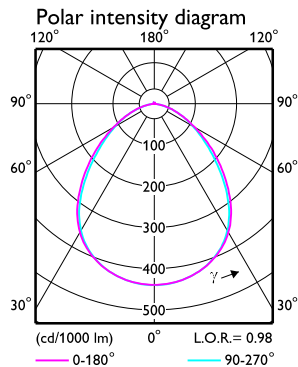
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 850 PSD 1xLED W60L60 OC CAU

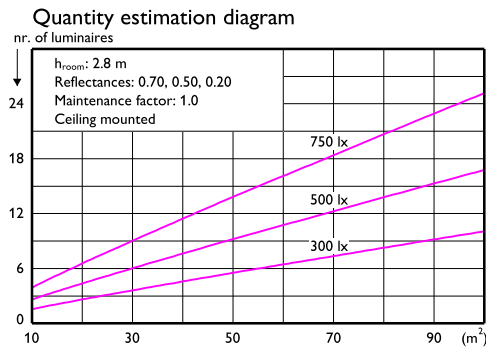
1 x 3200 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

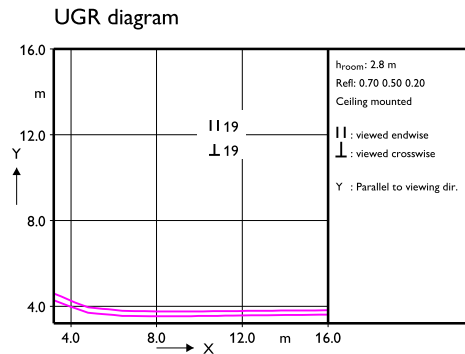
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62
1.75	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67
2.00	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75
2.50	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80
3.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83
4.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3554	3439	3324
50.0	3185	3057	2928
55.0	2790	2689	2589
60.0	2395	2350	2306
65.0	2072	2060	2048
70.0	1782	1775	1768
75.0	1493	1467	1442
80.0	1156	1113	1070
85.0	720	683	647
90.0	-	-	-

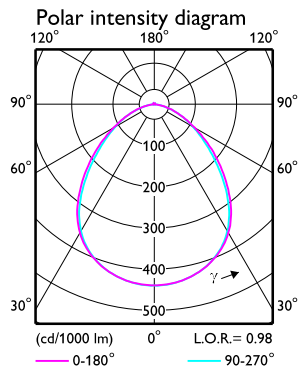
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 850 PSU 1xLED W60L60 OC CAU

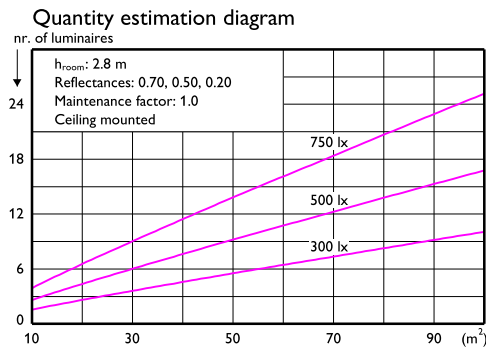
1 x 3200 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

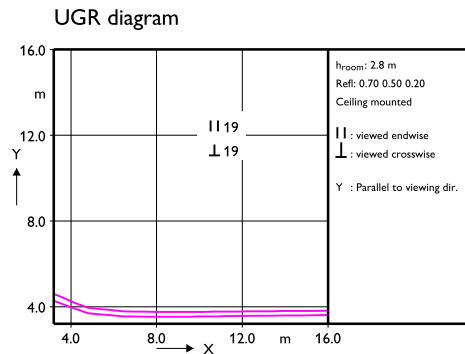
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62
1.75	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67
2.00	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75
2.50	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80
3.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83
4.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3554	3439	3324
50.0	3185	3057	2928
55.0	2790	2689	2589
60.0	2395	2350	2306
65.0	2072	2060	2048
70.0	1782	1775	1768
75.0	1493	1467	1442
80.0	1156	1113	1070
85.0	720	683	647
90.0	-	-	-

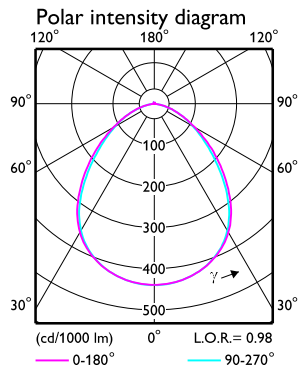
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 865 PSD 1xLED W60L60 OC CAU

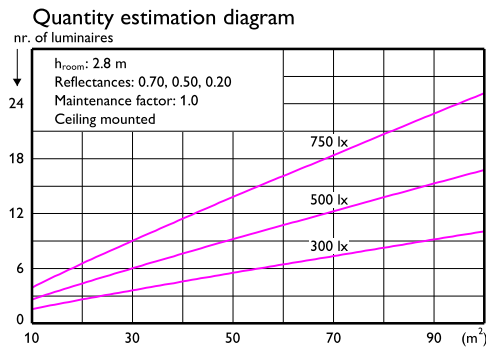
1 x 3200 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

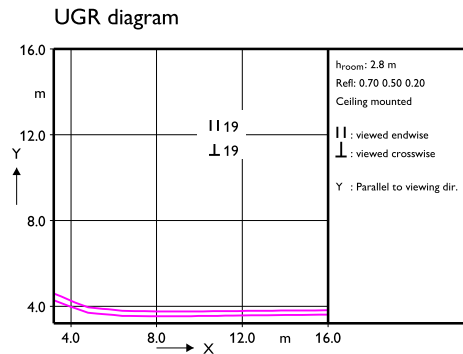
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.70	0.73	0.77	0.70
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.80	0.81	0.85	0.80
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.90	0.91	0.95	0.90
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	1.00	1.01	1.05	1.00
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	1.10	1.11	1.15	1.10
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.20	1.21	1.25	1.20
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.30	1.31	1.35	1.30
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.40	1.41	1.45	1.40
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.50	1.51	1.55	1.50

Ceiling mounted



Luminance Table

Plane	0.0	45.0	90.0
Cone	45.0	3554	3439
45.0	3185	3057	2928
50.0	2790	2689	2589
60.0	2395	2350	2306
65.0	2072	2060	2048
70.0	1782	1775	1768
75.0	1493	1467	1442
80.0	1156	1113	1070
85.0	720	683	647
90.0	-	-	-

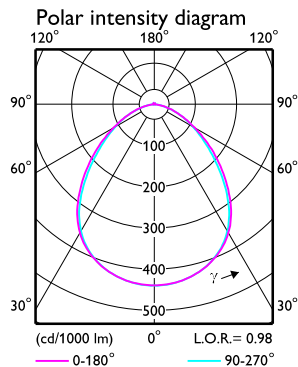
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 865 PSU 1xLED W60L60 OC CAU

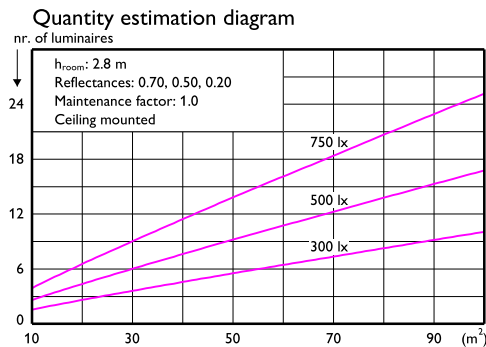
1 x 3200 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

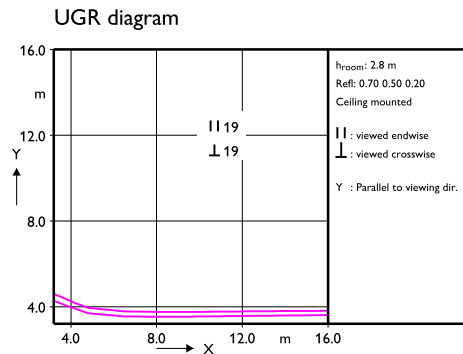
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.70	0.73	0.77	0.70
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.80	0.81	0.85	0.80
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.90	0.91	0.95	0.90
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	1.00	1.01	1.05	1.00
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	1.10	1.11	1.15	1.10
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.20	1.21	1.25	1.20
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.30	1.31	1.35	1.30
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.40	1.41	1.45	1.40
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.50	1.51	1.55	1.50

Ceiling mounted



Luminance Table

Plane	0.0	45.0	90.0
Cone	45.0	3554	3439
45.0	3185	3057	2928
50.0	2790	2689	2589
60.0	2395	2350	2306
65.0	2072	2060	2048
70.0	1782	1775	1768
75.0	1493	1467	1442
80.0	1156	1113	1070
85.0	720	683	647
90.0	-	-	-

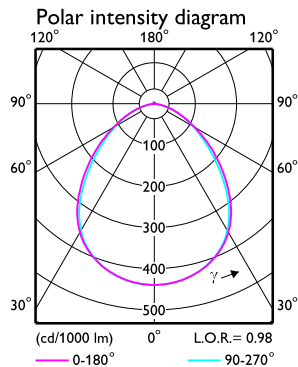
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 840 PSD 1xLED W60L60 OC CAU HE

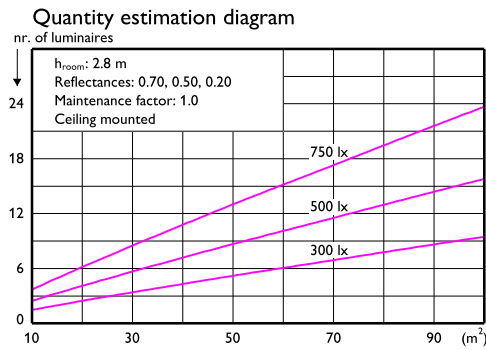
1 x 3400 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

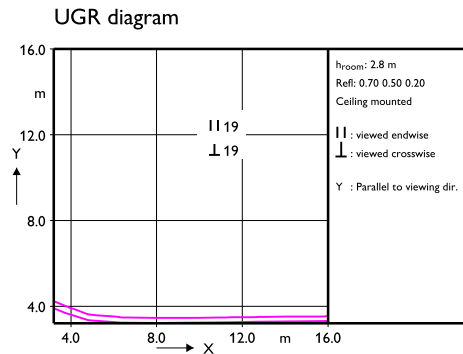
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.70	0.68	0.71	0.69
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.81	0.74	0.79	0.76
1.50	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.96	0.86	0.94	0.89
2.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.06	0.93	1.03	0.97
2.50	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.14	0.98	1.11	1.03
3.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87				

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

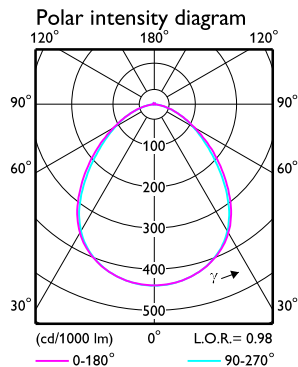
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 840 PSD 1xLED W60L60 OC CAU

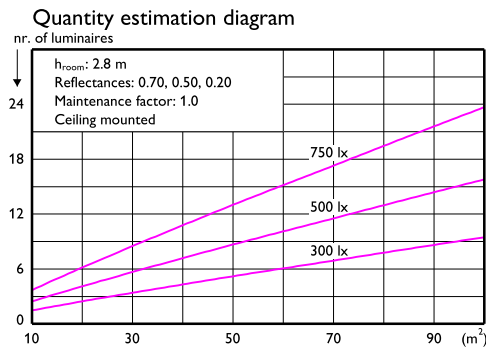
1 x 3400 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

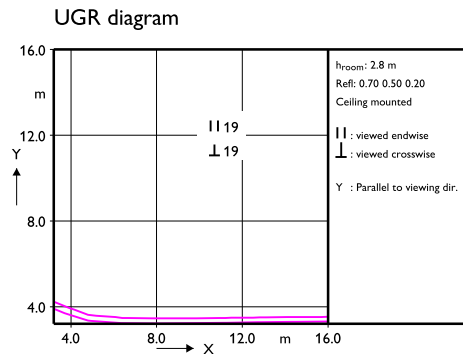
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.60	0.62	0.65	0.60
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.70	0.68	0.71	0.69
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.81	0.74	0.79	0.76
1.50	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.96	0.86	0.94	0.89
2.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.06	0.93	1.03	0.97
2.50	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.14	0.98	1.11	1.03
3.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87				

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

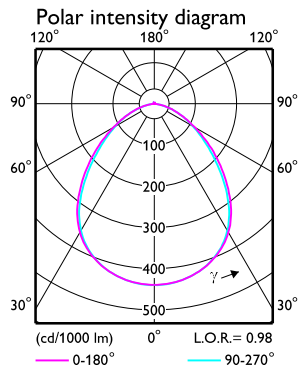
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 840 PSU 1xLED W60L60 OC CAU HE

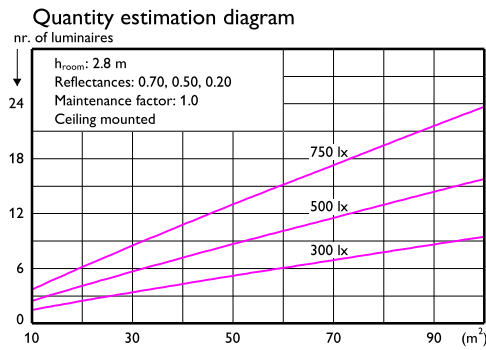
1 x 3400 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

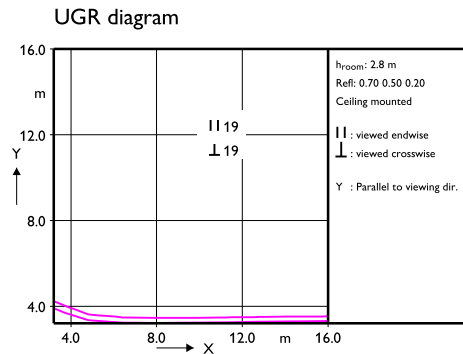
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.66	0.62	0.65	0.62
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.71	0.69	0.67	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.79	0.76	0.73	0.67
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.85	0.81	0.78	0.73
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.94	0.89	0.85	0.80
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	1.02	0.90	0.99	0.94
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.06	0.93	1.03	0.97
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.11	0.96	1.08	1.01
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.14	0.98	1.11	1.03
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87				

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

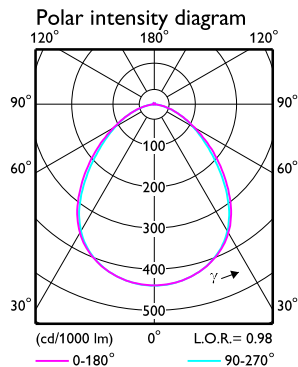
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 840 PSU 1xLED W60L60 OC CAU

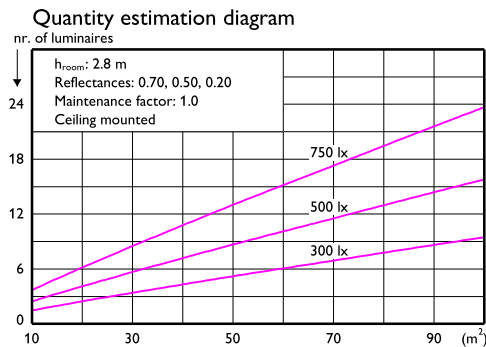
1 x 3400 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

CIE flux code 58 87 98 99 98

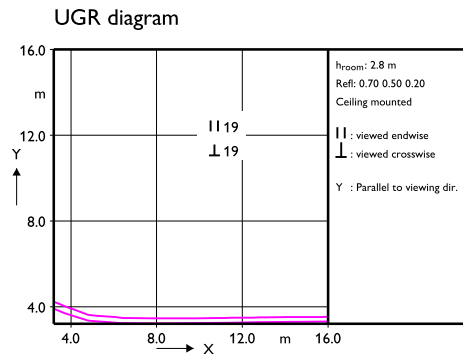
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.66	0.62	0.65	0.62
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.71	0.69	0.67	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.79	0.76	0.73	0.67
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.85	0.81	0.78	0.73
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.94	0.89	0.85	0.80
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	1.02	0.90	0.99	0.94
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.06	0.93	1.03	0.97
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.11	0.96	1.08	1.01
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.14	0.98	1.11	1.03
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87				

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

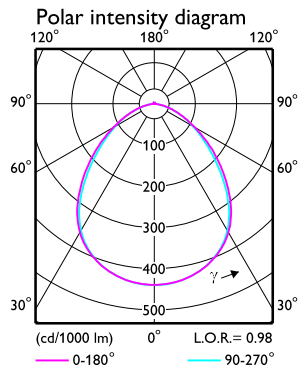
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 850 PSD 1xLED W60L60 OC CAU

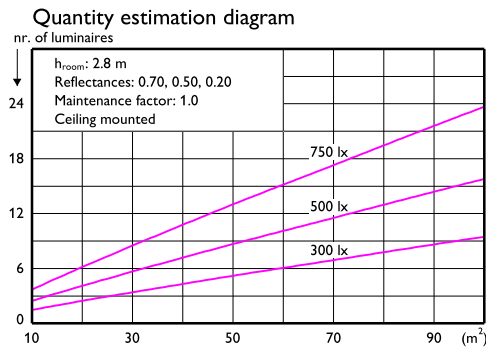
1 x 3400 lm



Light output ratio 0.98
 Service upward 0.01
 Service downward 0.97

CIE flux code 58 87 98 99 98

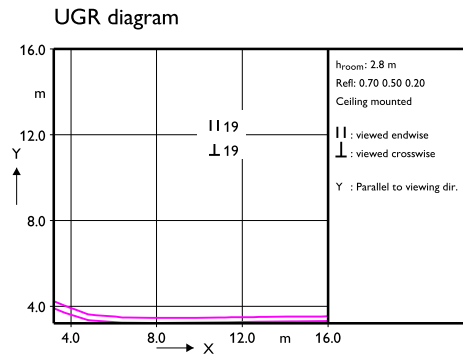
UGR_{cen} (4Hx8H, 0.25H) 18
 EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.60	0.63	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.73	0.68	0.71	0.69
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.81	0.74	0.79	0.76
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.87	0.79	0.85	0.81
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.96	0.86	0.94	0.89
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.02	0.90	0.99	0.94
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.06	0.93	1.03	0.97
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.11	0.96	1.08	1.01
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.14	0.98	1.11	1.03

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

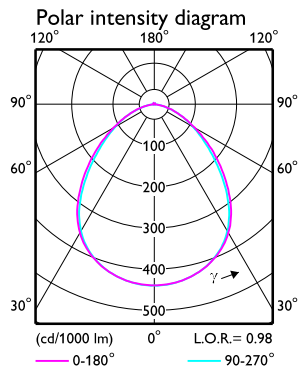
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 850 PSU 1xLED W60L60 OC CAU

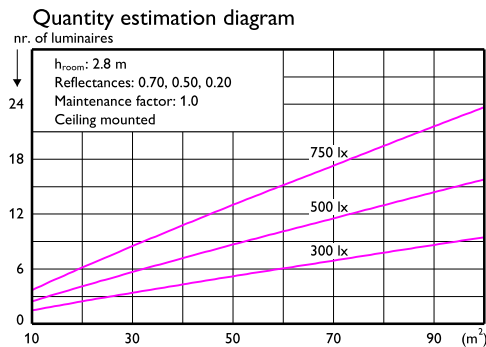
1 x 3400 lm



Light output ratio 0.98
 Service upward 0.01
 Service downward 0.97

CIE flux code 58 87 98 99 98

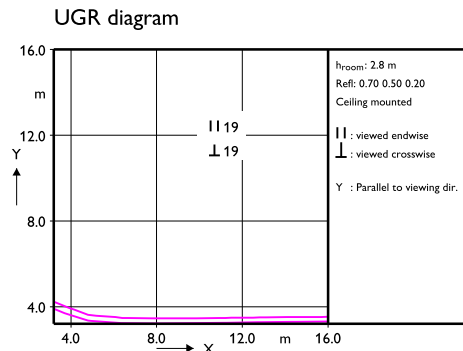
UGR_{cen} (4Hx8H, 0.25H) 18
 EN12464-1 65 deg, 3000 cd/m²



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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.60	0.60	0.63	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.73	0.68	0.71	0.69
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.81	0.74	0.79	0.76
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.87	0.79	0.85	0.81
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	0.96	0.86	0.94	0.89
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.02	0.90	0.99	0.94
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.06	0.93	1.03	0.97
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.11	0.96	1.08	1.01
5.00	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.14	0.98	1.11	1.03

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

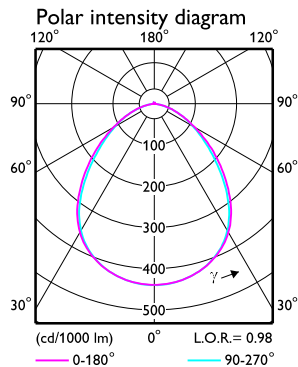
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 865 PSD 1xLED W60L60 OC CAU

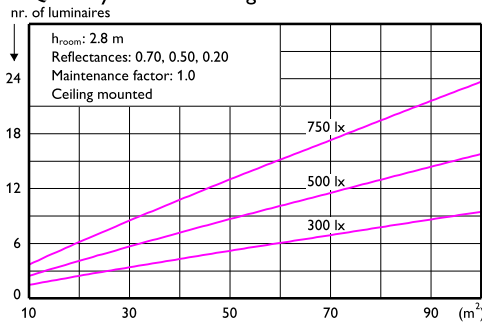
1 x 3400 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

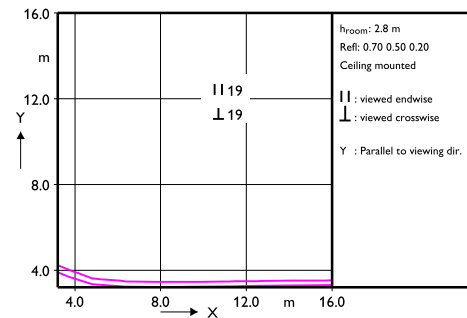
CIE flux code 58 87 98 99 98

UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²

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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.66	0.62	0.65	0.62
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.71	0.69	0.67	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.79	0.76	0.73	0.67
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.85	0.81	0.78	0.73
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.94	0.89	0.85	0.80
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	1.02	0.90	0.99	0.94
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.06	0.93	1.03	0.97
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.11	0.96	1.08	1.01
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.14	0.98	1.11	1.03
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87				

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

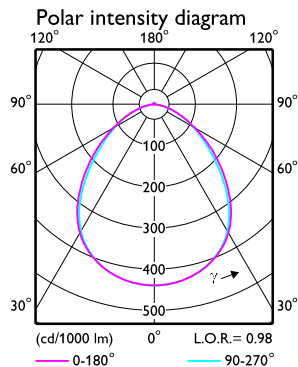
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 865 PSU 1xLED W60L60 OC CAU

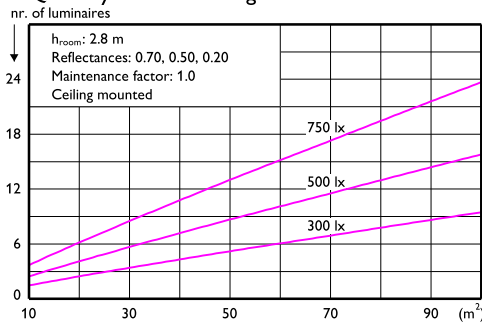
1 x 3400 lm



Light output ratio 0.98
Service upward 0.01
Service downward 0.97

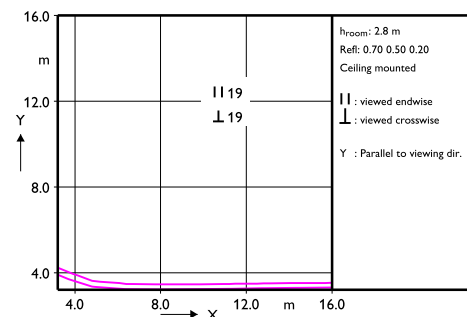
CIE flux code 58 87 98 99 98

UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²

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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.66	0.62	0.65	0.62
1.00	0.60	0.60	0.63	0.61	0.60	0.53	0.52	0.48	0.52	0.48	0.46	0.71	0.69	0.67	0.61
1.25	0.73	0.68	0.71	0.69	0.67	0.61	0.60	0.55	0.59	0.55	0.53	0.79	0.76	0.73	0.67
1.50	0.81	0.74	0.79	0.76	0.73	0.67	0.66	0.62	0.65	0.62	0.60	0.85	0.81	0.78	0.73
2.00	0.87	0.79	0.85	0.81	0.78	0.73	0.71	0.68	0.70	0.67	0.65	0.94	0.89	0.85	0.80
2.50	0.96	0.86	0.94	0.89	0.85	0.80	0.79	0.76	0.78	0.75	0.72	1.02	0.90	0.99	0.94
3.00	1.02	0.90	0.99	0.94	0.89	0.85	0.84	0.81	0.82	0.80	0.77	1.06	0.93	1.03	0.97
4.00	1.06	0.93	1.03	0.97	0.92	0.89	0.87	0.85	0.85	0.83	0.81	1.11	0.96	1.08	1.01
5.00	1.11	0.96	1.08	1.01	0.95	0.93	0.91	0.89	0.89	0.87	0.85	1.14	0.98	1.11	1.03
	1.14	0.98	1.11	1.03	0.97	0.95	0.93	0.91	0.91	0.90	0.87				

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3776	3654	3532
50.0	3384	3248	3111
55.0	2964	2857	2750
60.0	2545	2497	2450
65.0	2201	2189	2176
70.0	1894	1886	1879
75.0	1586	1559	1532
80.0	1228	1182	1137
85.0	765	726	687
90.0	-	-	-

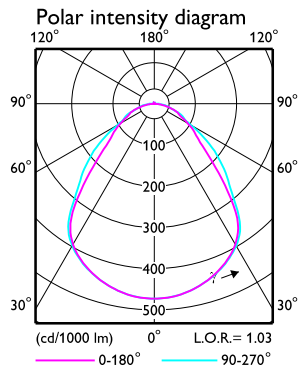
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 840 PSD 1xLED W60L60 OC HE

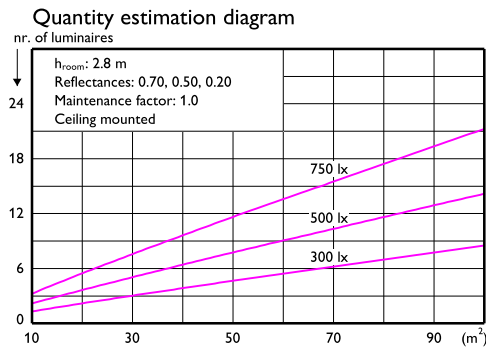
1 x 3600 lm



Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

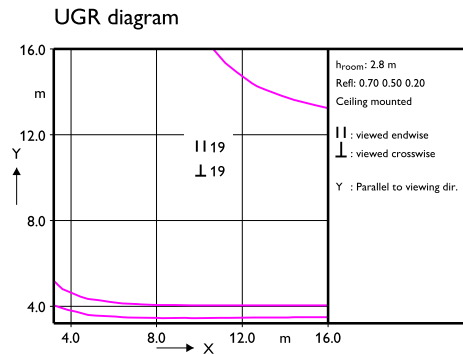
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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	0.00	0.00	0.00
0.60	0.58	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43	0.41	0.41	0.41	0.41	0.41
0.80	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52	0.50	0.50	0.50	0.50	0.50
1.00	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59	0.57	0.57	0.57	0.57	0.57
1.25	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66	0.64	0.64	0.64	0.64	0.64
1.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71	0.69	0.69	0.69	0.69	0.69
2.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79	0.77	0.77	0.77	0.77	0.77
2.50	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84	0.81	0.81	0.81	0.81	0.81
3.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88	0.85	0.85	0.85	0.85	0.85
4.00	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92	0.89	0.89	0.89	0.89	0.89
5.00	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94	0.91	0.91	0.91	0.91	0.91

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

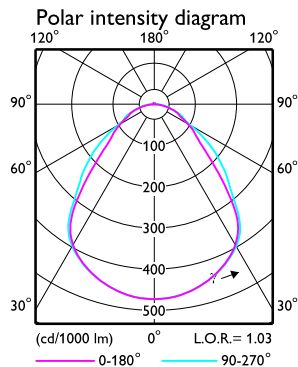
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 840 PSD 1xLED W60L60 OC NZ

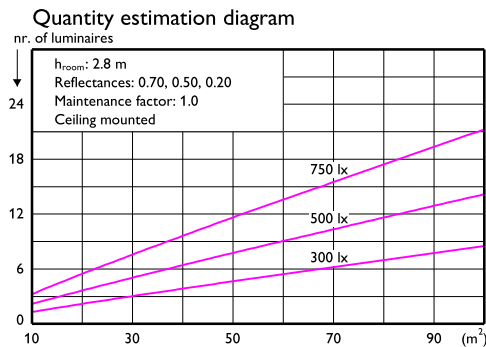
1 x 3600 lm



Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

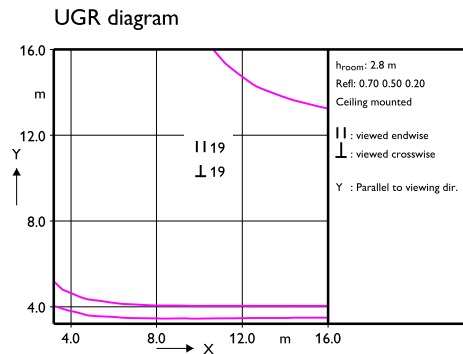
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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	0.00	0.00	0.00
0.60	0.58	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43	0.41	0.41	0.41	0.41	0.41
0.80	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52	0.50	0.50	0.50	0.50	0.50
1.00	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59	0.57	0.57	0.57	0.57	0.57
1.25	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66	0.64	0.64	0.64	0.64	0.64
1.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71	0.69	0.69	0.69	0.69	0.69
2.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79	0.77	0.77	0.77	0.77	0.77
2.50	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84	0.81	0.81	0.81	0.81	0.81
3.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88	0.85	0.85	0.85	0.85	0.85
4.00	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92	0.89	0.89	0.89	0.89	0.89
5.00	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94	0.91	0.91	0.91	0.91	0.91

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

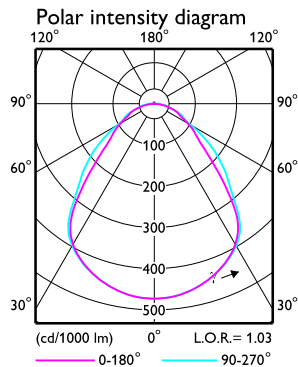
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 840 PSD 1xLED W60L60 OC

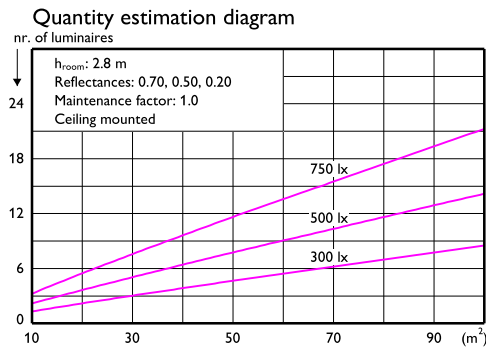
1 x 3600 lm



Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

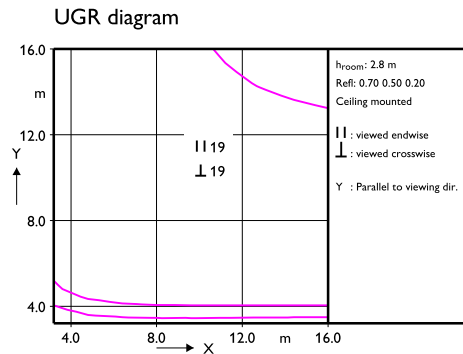
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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	0.00	0.00	0.00
0.60	0.58	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43	0.41	0.41	0.41	0.41	0.41
0.80	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52	0.50	0.50	0.50	0.50	0.50
1.00	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59	0.57	0.57	0.57	0.57	0.57
1.25	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66	0.64	0.64	0.64	0.64	0.64
1.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71	0.69	0.69	0.69	0.69	0.69
2.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79	0.77	0.77	0.77	0.77	0.77
2.50	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84	0.81	0.81	0.81	0.81	0.81
3.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88	0.85	0.85	0.85	0.85	0.85
4.00	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92	0.89	0.89	0.89	0.89	0.89
5.00	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94	0.91	0.91	0.91	0.91	0.91

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

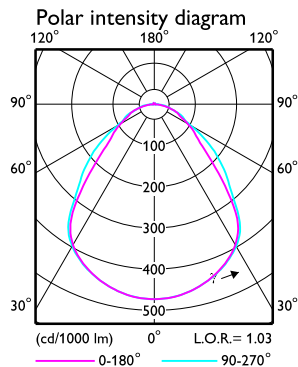
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 840 PSU 1xLED W60L60 OC HE

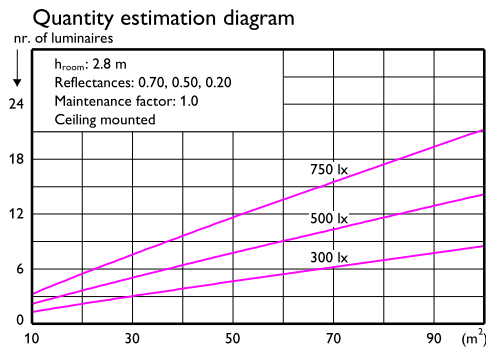
1 x 3600 lm



Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

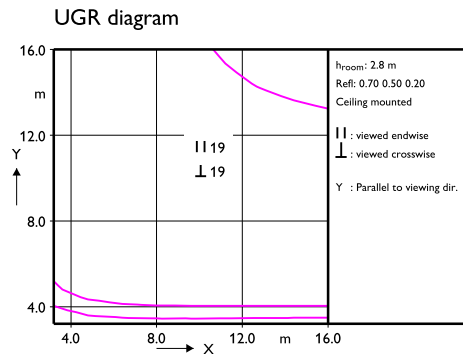
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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	0.00	0.00	0.00
0.60	0.58	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43	0.41	0.41	0.41	0.41	0.41
0.80	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52	0.50	0.50	0.50	0.50	0.50
1.00	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59	0.57	0.57	0.57	0.57	0.57
1.25	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66	0.64	0.64	0.64	0.64	0.64
1.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71	0.69	0.69	0.69	0.69	0.69
2.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79	0.77	0.77	0.77	0.77	0.77
2.50	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84	0.81	0.81	0.81	0.81	0.81
3.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88	0.85	0.85	0.85	0.85	0.85
4.00	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92	0.89	0.89	0.89	0.89	0.89
5.00	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94	0.91	0.91	0.91	0.91	0.91

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

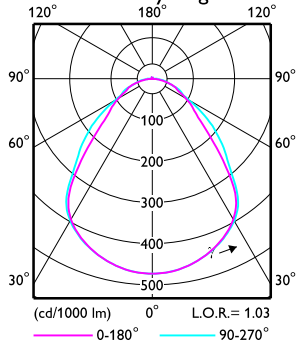
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 840 PSU 1xLED W60L60 OC NZ

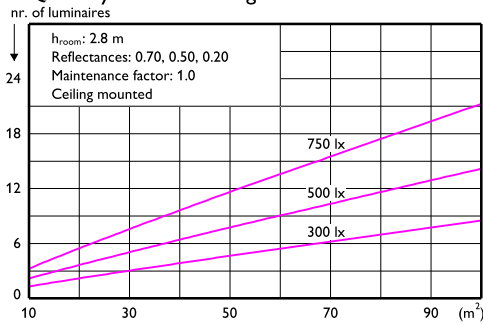
1 x 3600 lm

Polar intensity diagram

Light output ratio 1.03
Service upward 0.01
Service downward 1.02

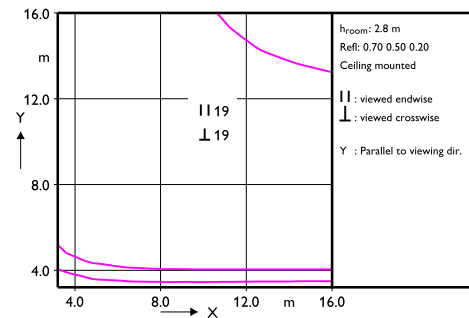
CIE flux code 60 87 97 99 103

UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88
	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92
	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2236	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

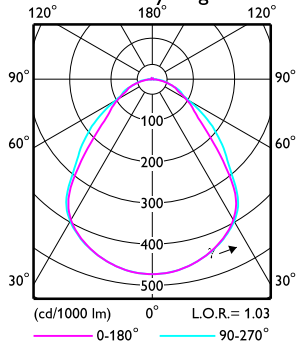
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 840 PSU 1xLED W60L60 OC

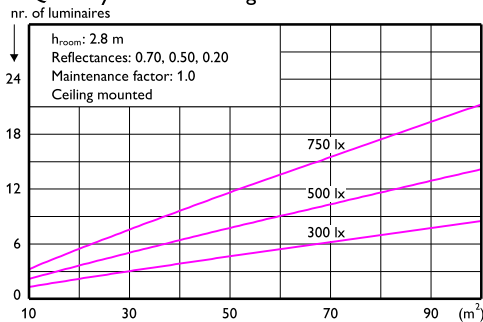
1 x 3600 lm

Polar intensity diagram

Light output ratio 1.03
Service upward 0.01
Service downward 1.02

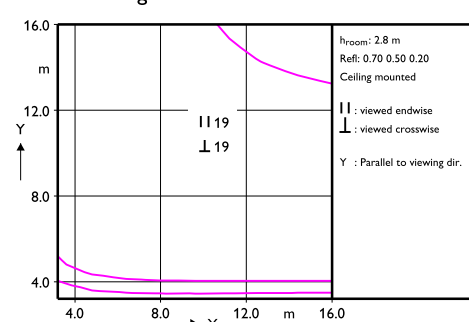
CIE flux code 60 87 97 99 103

UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88
	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92
	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2236	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

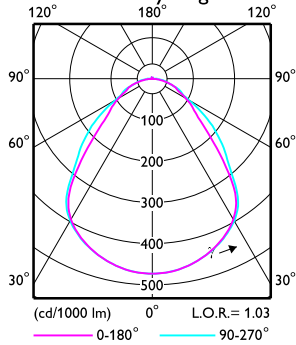
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 850 PSU 1xLED W60L60 OC NZ

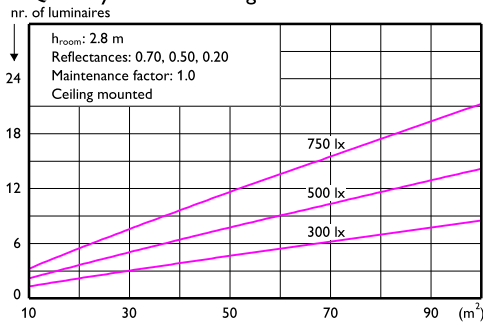
1 x 3600 lm

Polar intensity diagram

Light output ratio 1.03
Service upward 0.01
Service downward 1.02

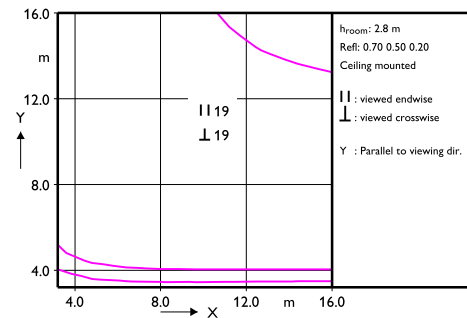
CIE flux code 60 87 97 99 103

UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88
	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92
	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

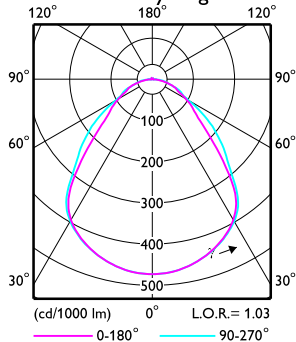
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 850 PSU 1xLED W60L60 OC

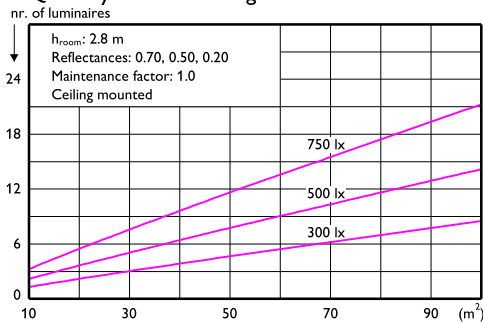
1 x 3600 lm

Polar intensity diagram

Light output ratio 1.03
Service upward 0.01
Service downward 1.02

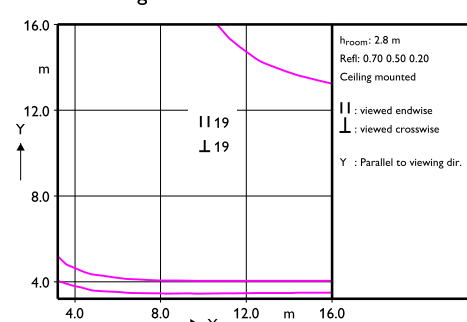
CIE flux code 60 87 97 99 103

UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88
	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92
	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

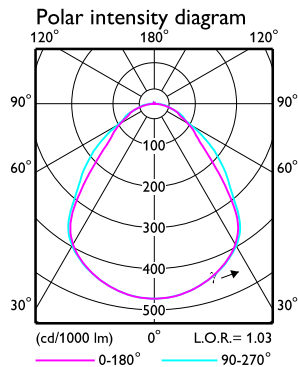
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 865 PSU 1xLED W60L60 OC NZ

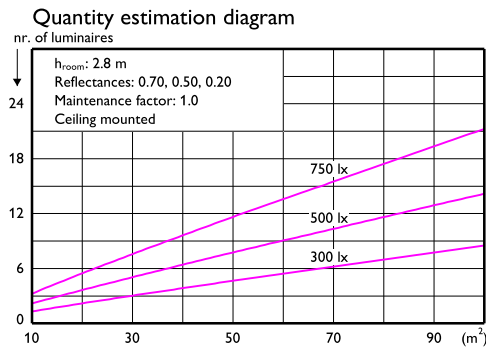
1 x 3600 lm



Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

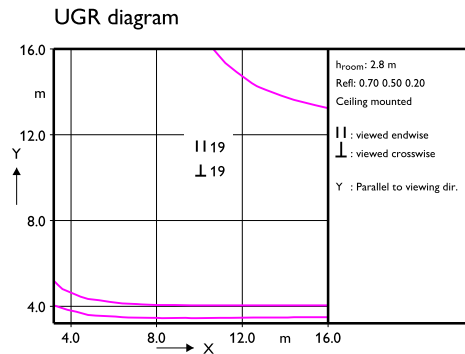
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88
6.00	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92
7.00	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

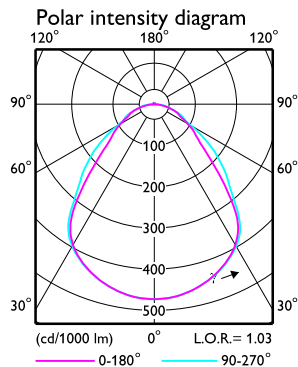
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED36 865 PSU 1xLED W60L60 OC

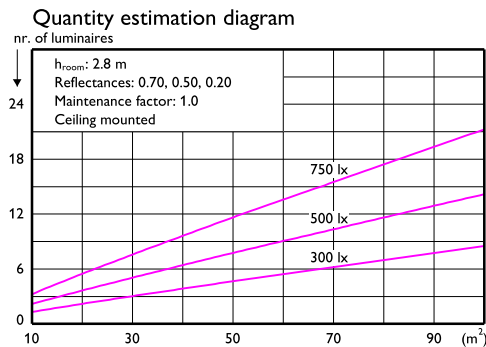
1 x 3600 lm



Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

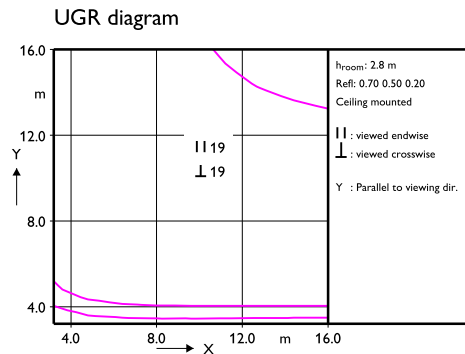
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.00
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88
6.00	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92
7.00	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3374	3789	4204
50.0	2701	3234	3766
55.0	2470	2845	3220
60.0	2226	2334	2442
65.0	1996	2107	2217
70.0	2081	2122	2163
75.0	1905	1903	1902
80.0	1734	1989	2243
85.0	1602	1970	2339
90.0	-	-	-

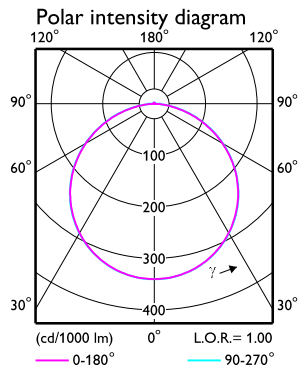
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 840 PSD 1xLED W60L60 HE

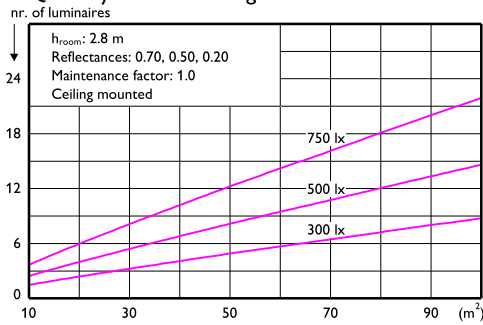
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

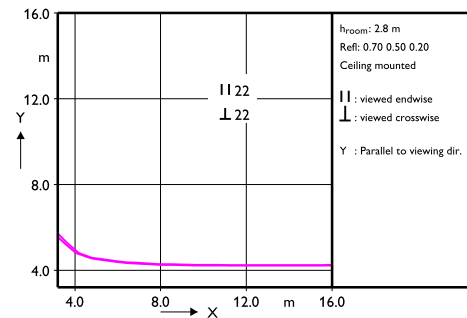
CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.00	0.60	0.47	0.45	0.46	0.45	0.44	0.37	0.36	0.32	0.36	0.31	0.29
1.25	0.58	0.55	0.57	0.55	0.54	0.46	0.45	0.40	0.45	0.40	0.38	0.38
1.50	0.67	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
2.00	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
2.50	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
3.00	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
4.00	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
5.00	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
6.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
7.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

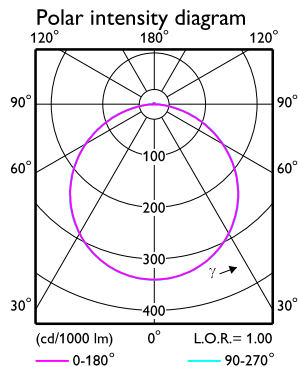
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 840 PSD 1xLED W60L60

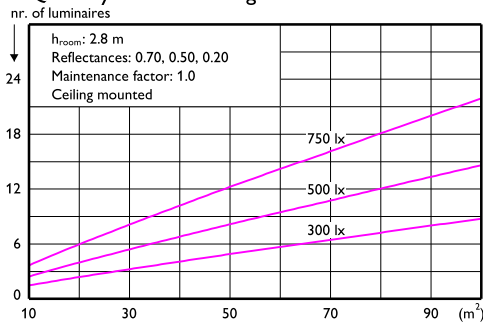
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

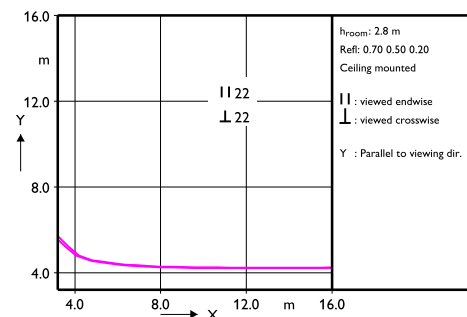
CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
1.00	0.60	0.47	0.45	0.46	0.45	0.44	0.37	0.36	0.32	0.36	0.31	0.29
1.25	0.58	0.55	0.57	0.55	0.54	0.46	0.45	0.40	0.45	0.40	0.38	0.38
1.50	0.67	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
2.00	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
2.50	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
3.00	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
4.00	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
5.00	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
6.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
7.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

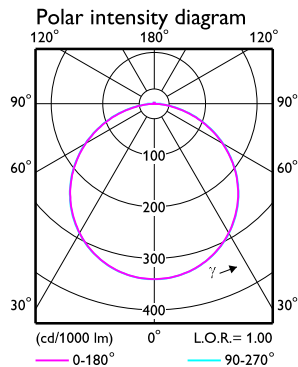
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 840 PSU 1xLED W60L60 HE

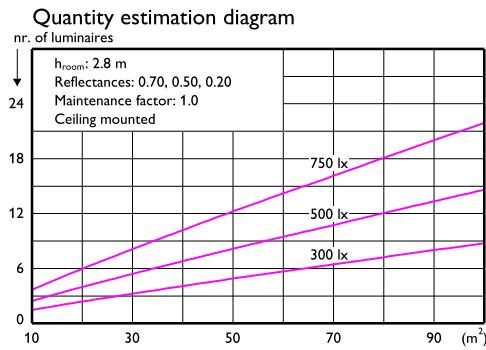
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

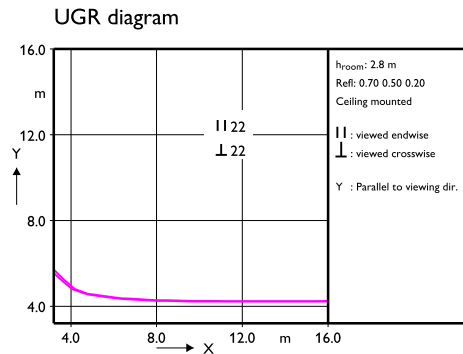
UGRcen (4Hx8H, 0.25H) 22



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.60	0.60	0.60	0.60	0.60	0.40	0.40	0.20	0.20	0.20	0.10	0.10
1.00	0.70	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.20	0.20
1.25	0.80	0.80	0.80	0.80	0.80	0.60	0.60	0.40	0.40	0.40	0.30	0.30
1.50	0.90	0.90	0.90	0.90	0.90	0.70	0.70	0.50	0.50	0.50	0.40	0.40
2.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.60	0.60	0.60	0.50	0.50
2.50	1.10	1.10	1.10	1.10	1.10	0.90	0.90	0.70	0.70	0.70	0.60	0.60
3.00	1.20	1.20	1.20	1.20	1.20	1.00	1.00	0.80	0.80	0.80	0.70	0.70
4.00	1.30	1.30	1.30	1.30	1.30	1.10	1.10	0.90	0.90	0.90	0.80	0.80
5.00	1.40	1.40	1.40	1.40	1.40	1.20	1.20	1.00	1.00	1.00	0.90	0.90

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

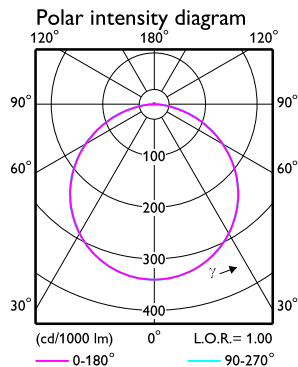
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 840 PSU 1xLED W60L60 L

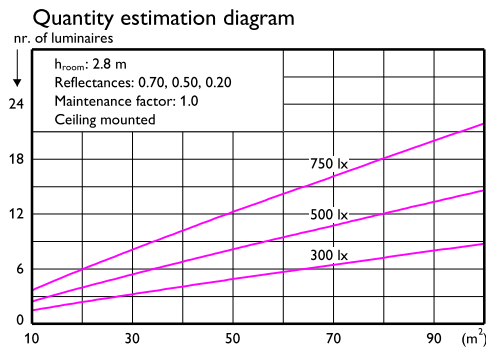
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

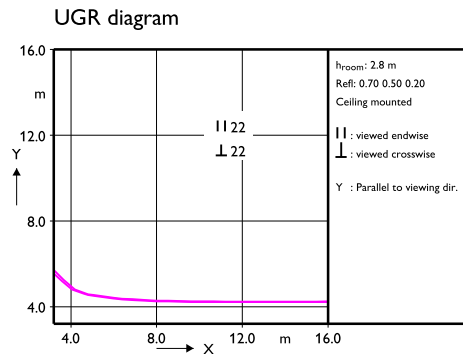
UGRcen (4Hx8H, 0.25H) 22



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.60	0.60	0.60	0.60	0.60	0.40	0.40	0.20	0.20	0.20	0.10	0.10
1.00	0.70	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.20	0.20
1.25	0.80	0.80	0.80	0.80	0.80	0.60	0.60	0.40	0.40	0.40	0.30	0.30
1.50	0.90	0.90	0.90	0.90	0.90	0.70	0.70	0.50	0.50	0.50	0.40	0.40
2.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.60	0.60	0.60	0.50	0.50
2.50	1.10	1.10	1.10	1.10	1.10	0.90	0.90	0.70	0.70	0.70	0.60	0.60
3.00	1.20	1.20	1.20	1.20	1.20	1.00	1.00	0.80	0.80	0.80	0.70	0.70
4.00	1.30	1.30	1.30	1.30	1.30	1.10	1.10	0.90	0.90	0.90	0.80	0.80
5.00	1.40	1.40	1.40	1.40	1.40	1.20	1.20	1.00	1.00	1.00	0.90	0.90

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

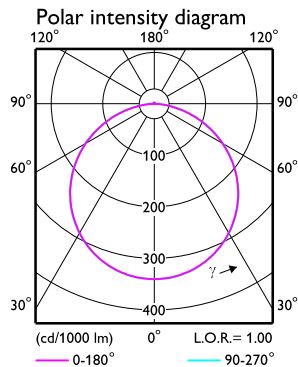
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 840 PSU 1xLED W60L60 NZ

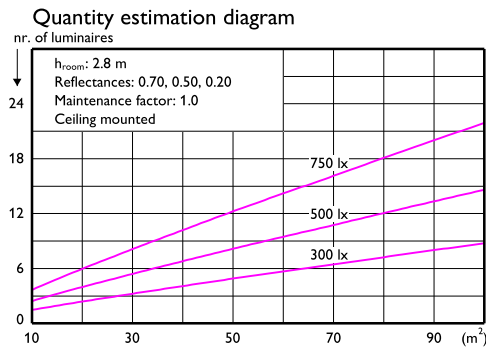
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

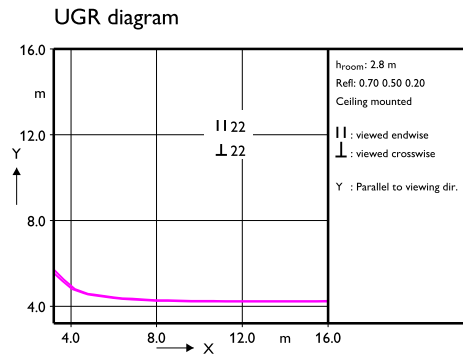
UGRcen (4Hx8H, 0.25H) 22



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
0.30	0.10	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.47	0.45	0.46	0.45	0.44	0.37	0.36	0.32	0.36	0.31	0.29	0.29
0.80	0.58	0.55	0.57	0.55	0.54	0.46	0.45	0.40	0.45	0.40	0.38	0.38
1.00	0.67	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
1.25	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
1.50	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
2.00	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
2.50	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
3.00	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
4.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
5.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

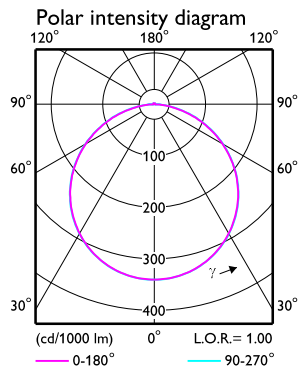
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 840 PSU 1xLED W60L60

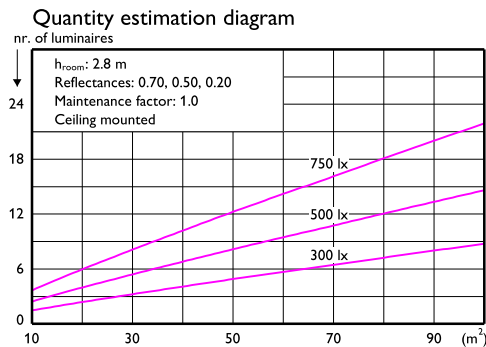
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

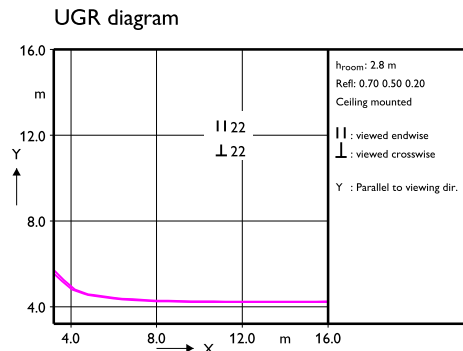
UGRcen (4Hx8H, 0.25H) 22



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
0.30	0.10	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.47	0.45	0.46	0.45	0.44	0.37	0.36	0.32	0.36	0.31	0.29	0.29
0.80	0.58	0.55	0.57	0.55	0.54	0.46	0.45	0.40	0.45	0.40	0.38	0.38
1.00	0.67	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
1.25	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
1.50	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
2.00	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
2.50	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
3.00	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
4.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
5.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

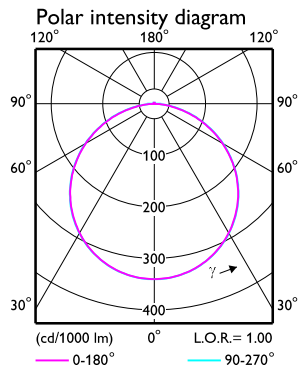
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 850 PSU 1xLED W60L60 L

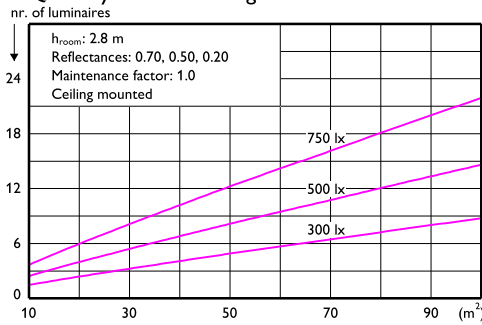
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

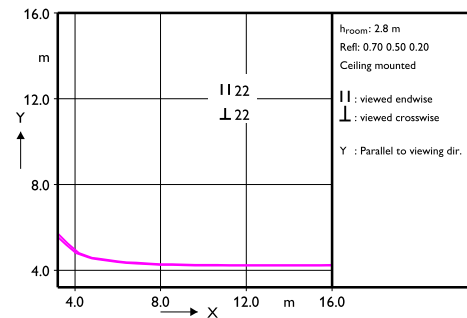
CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.60	0.60	0.60	0.60	0.60	0.40	0.40	0.20	0.20	0.20	0.10	0.10
1.00	0.70	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.20	0.20
1.25	0.80	0.80	0.80	0.80	0.80	0.60	0.60	0.40	0.40	0.40	0.30	0.30
1.50	0.90	0.90	0.90	0.90	0.90	0.70	0.70	0.50	0.50	0.50	0.40	0.40
2.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.60	0.60	0.60	0.50	0.50
2.50	1.10	1.10	1.10	1.10	1.10	0.90	0.90	0.70	0.70	0.70	0.60	0.60
3.00	1.20	1.20	1.20	1.20	1.20	1.00	1.00	0.80	0.80	0.80	0.70	0.70
4.00	1.30	1.30	1.30	1.30	1.30	1.10	1.10	0.90	0.90	0.90	0.80	0.80
5.00	1.40	1.40	1.40	1.40	1.40	1.20	1.20	1.00	1.00	1.00	0.90	0.90

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

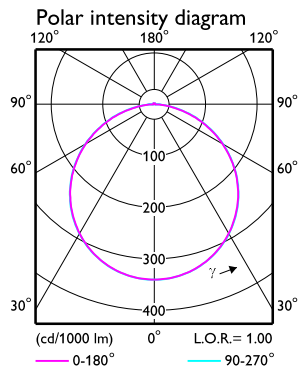
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 850 PSU 1xLED W60L60 NZ

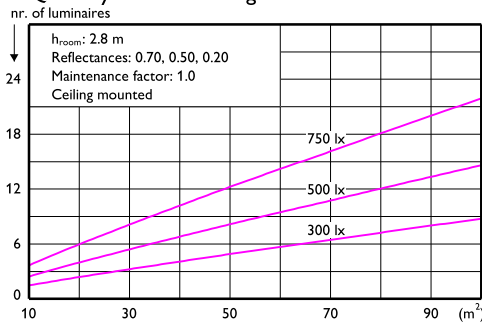
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

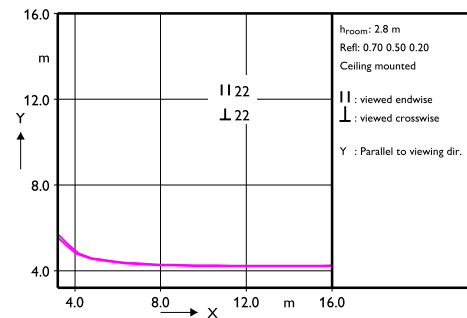
CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.60	0.60	0.60	0.60	0.60	0.40	0.40	0.20	0.20	0.20	0.10	0.10
1.00	0.70	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.30	0.20	0.20
1.25	0.80	0.80	0.80	0.80	0.80	0.60	0.60	0.40	0.40	0.40	0.30	0.30
1.50	0.90	0.90	0.90	0.90	0.90	0.70	0.70	0.50	0.50	0.50	0.40	0.40
2.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.60	0.60	0.60	0.50	0.50
2.50	1.10	1.10	1.10	1.10	1.10	0.90	0.90	0.70	0.70	0.70	0.60	0.60
3.00	1.20	1.20	1.20	1.20	1.20	1.00	1.00	0.80	0.80	0.80	0.70	0.70
4.00	1.30	1.30	1.30	1.30	1.30	1.10	1.10	0.90	0.90	0.90	0.80	0.80
5.00	1.40	1.40	1.40	1.40	1.40	1.20	1.20	1.00	1.00	1.00	0.90	0.90

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

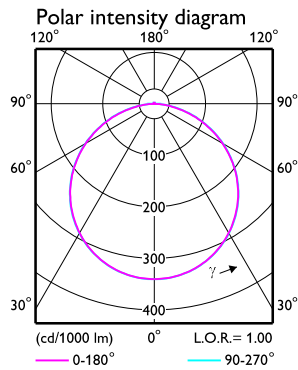
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 850 PSU 1xLED W60L60

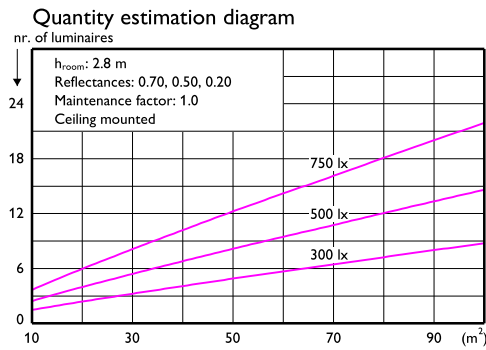
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

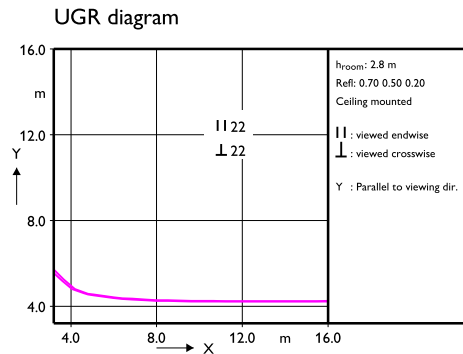
UGRcen (4Hx8H, 0.25H) 22



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.60	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
1.00	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
1.25	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
1.50	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
2.00	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
2.50	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
3.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
4.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85
5.00												

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

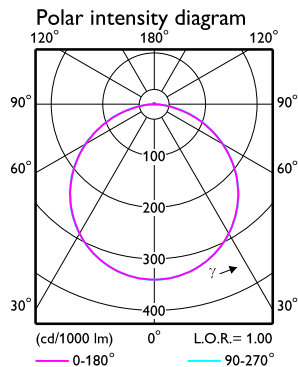
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 865 PSU 1xLED W60L60 L

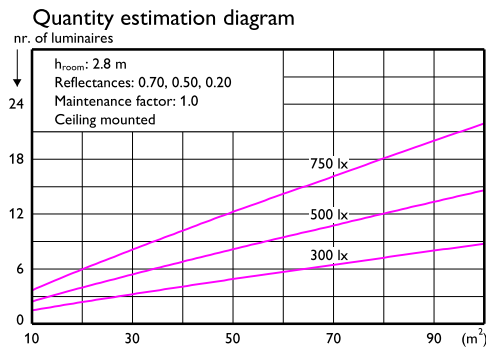
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

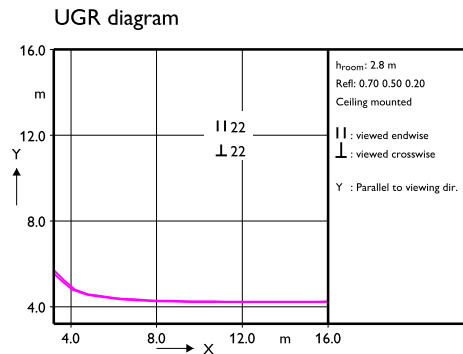
UGRcen (4Hx8H, 0.25H) 22



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.60	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
1.00	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
1.25	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
1.50	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
2.00	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
2.50	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
3.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
4.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85
5.00												

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

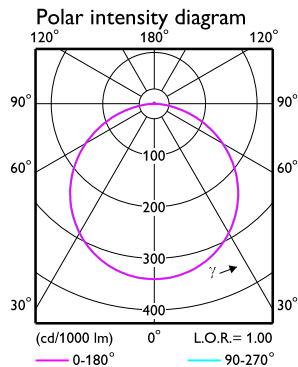
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 865 PSU 1xLED W60L60 NZ

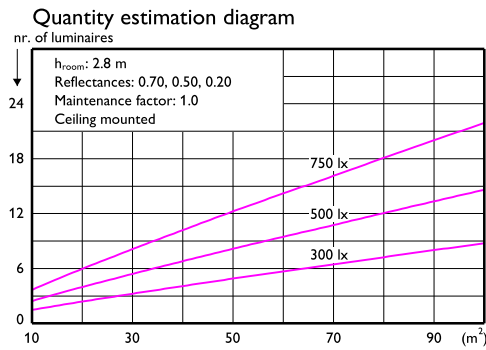
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

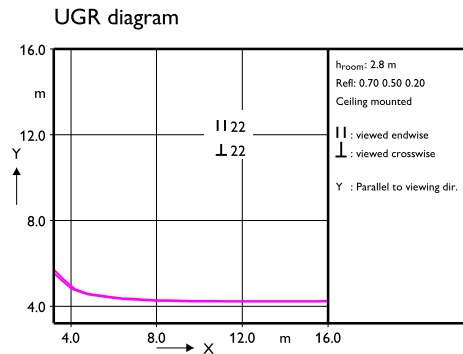
UGRcen (4Hx8H, 0.25H) 22



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.67	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
1.00	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
1.25	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
1.50	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
2.00	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
2.50	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
3.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
4.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85
5.00												

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

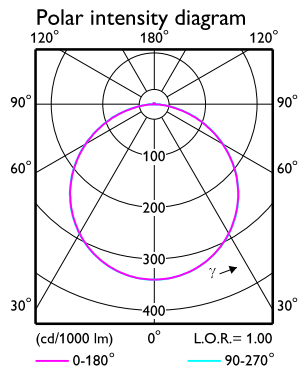
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED38 865 PSU 1xLED W60L60

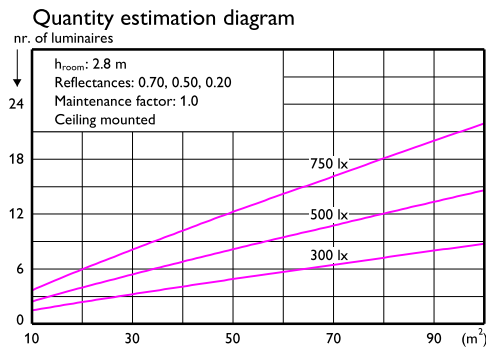
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

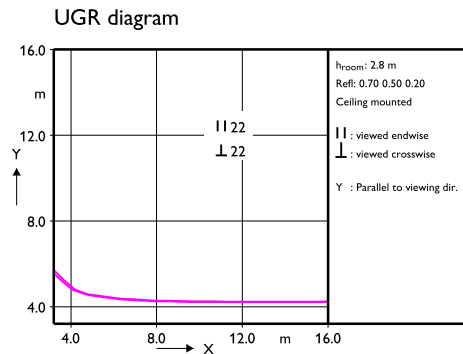
UGRcen (4Hx8H, 0.25H) 22



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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.10	0.10	0.00	0.00
0.80	0.67	0.62	0.66	0.63	0.61	0.54	0.53	0.48	0.52	0.47	0.45	0.45
1.00	0.76	0.69	0.74	0.71	0.68	0.61	0.60	0.55	0.59	0.55	0.52	0.52
1.25	0.82	0.75	0.80	0.77	0.74	0.67	0.66	0.61	0.65	0.60	0.58	0.58
1.50	0.92	0.82	0.90	0.85	0.81	0.76	0.74	0.70	0.73	0.69	0.67	0.67
2.00	0.99	0.87	0.96	0.91	0.86	0.81	0.80	0.76	0.78	0.75	0.72	0.72
2.50	1.04	0.91	1.01	0.95	0.90	0.85	0.84	0.80	0.82	0.79	0.76	0.76
3.00	1.10	0.95	1.06	1.00	0.94	0.90	0.88	0.86	0.87	0.84	0.81	0.81
4.00	1.14	0.97	1.10	1.03	0.96	0.93	0.91	0.89	0.89	0.88	0.85	0.85
5.00												

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4084	4093	4102
50.0	4025	4035	4044
55.0	3946	3958	3971
60.0	3843	3859	3874
65.0	3704	3726	3748
70.0	3521	3553	3585
75.0	3284	3331	3378
80.0	2957	3022	3088
85.0	2534	2615	2697
90.0	-	-	-

(cd/m²)

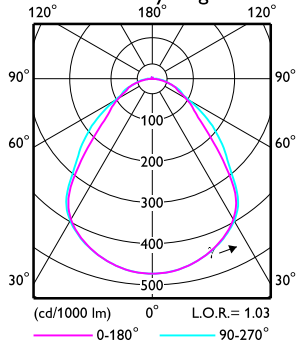
E03-201803

2023-06-19

RC099V G3 LED48 840 PSU 1xLED W60L60 OC

1 x 4800 lm

Polar intensity diagram

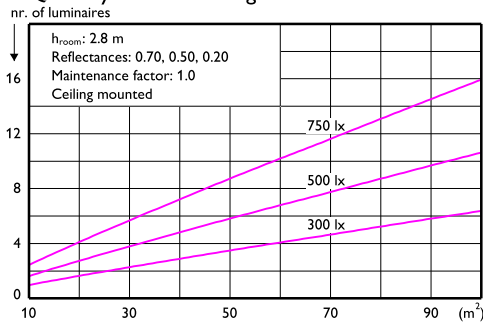


Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

UGRcen (4Hx8H, 0.25H) 20

Quantity estimation diagram

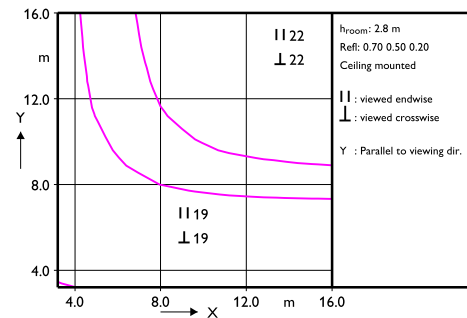


Utilisation factor table

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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43	0.41	0.60	0.55	0.57	0.56
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52	0.50	0.69	0.65	0.68	0.66
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59	0.57	0.78	0.72	0.76	0.73
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66	0.64	0.86	0.79	0.84	0.81
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71	0.69	0.92	0.83	0.90	0.86
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79	0.77	1.01	0.90	0.99	0.94
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84	0.81	1.07	0.95	1.04	0.99
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88	0.85	1.12	0.98	1.08	1.02
	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92	0.89	1.17	1.01	1.13	1.06
	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94	0.91	1.20	1.03	1.16	1.09

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4498	5052	5605
50.0	3602	4312	5021
55.0	3293	3793	4293
60.0	2968	3112	3256
65.0	2662	2809	2956
70.0	2775	2830	2884
75.0	2539	2538	2536
80.0	2312	2651	2991
85.0	2136	2627	3119
90.0	-	-	-

(cd/m²)

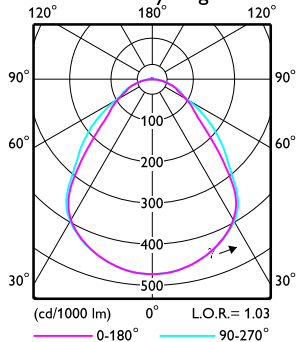
E03-201803

2023-06-19

RC099V G3 LED48 850 PSU 1xLED W60L60 OC

1 x 4800 lm

Polar intensity diagram

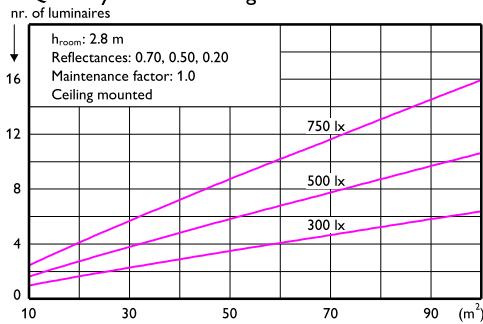


Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

UGRcen (4Hx8H, 0.25H) 20

Quantity estimation diagram

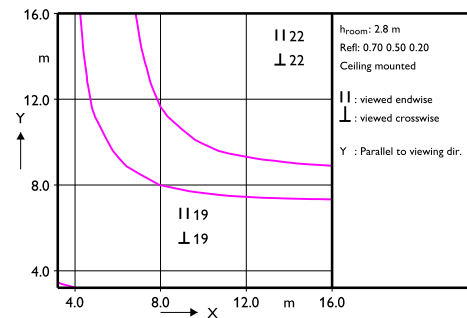


Utilisation factor table

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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.30	0.10	0.30	0.10
1.00	0.60	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43	0.41	0.60	0.55	0.57	0.56
1.25	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52	0.50	0.69	0.65	0.68	0.66
1.50	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59	0.57	0.78	0.72	0.76	0.73
2.00	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66	0.64	0.86	0.79	0.84	0.81
2.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71	0.69	0.92	0.83	0.90	0.86
3.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79	0.77	1.01	0.90	0.99	0.94
4.00	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84	0.81	1.07	0.95	1.04	0.99
5.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88	0.85	1.12	0.98	1.08	1.02
	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92	0.89	1.17	1.01	1.13	1.06
	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94	0.91	1.20	1.03	1.16	1.09

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4498	5052	5605
50.0	3602	4312	5021
55.0	3293	3793	4293
60.0	2968	3112	3256
65.0	2662	2809	2956
70.0	2775	2830	2884
75.0	2539	2538	2536
80.0	2312	2651	2991
85.0	2136	2627	3119
90.0	-	-	-

(cd/m²)

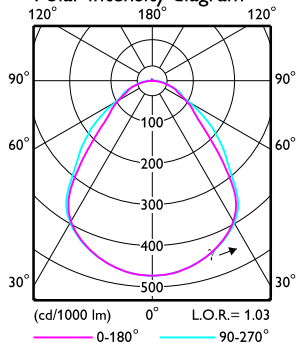
E03-201803

2023-06-19

RC099V G3 LED48 865 PSU 1xLED W60L60 OC

1 x 4800 lm

Polar intensity diagram

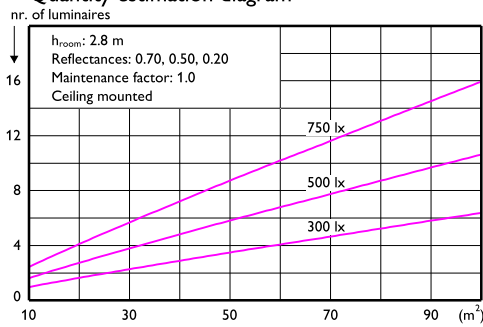


Light output ratio 1.03
Service upward 0.01
Service downward 1.02

CIE flux code 60 87 97 99 103

UGRcen (4Hx8H, 0.25H) 20

Quantity estimation diagram

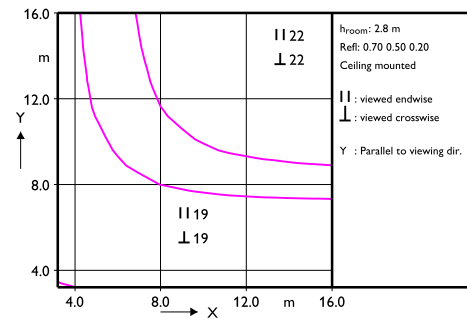


Utilisation factor table

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	0.70
0.60	0.58	0.55	0.57	0.56	0.55	0.48	0.47	0.43	0.47	0.43	0.41	0.58	0.55	0.57	0.56	0.55
0.80	0.69	0.65	0.68	0.66	0.64	0.57	0.56	0.52	0.56	0.52	0.50	0.69	0.65	0.68	0.66	0.64
1.00	0.78	0.72	0.76	0.73	0.71	0.65	0.64	0.59	0.63	0.59	0.57	0.78	0.72	0.76	0.73	0.71
1.25	0.86	0.79	0.84	0.81	0.78	0.72	0.71	0.66	0.70	0.66	0.64	0.86	0.79	0.84	0.81	0.78
1.50	0.92	0.83	0.90	0.86	0.82	0.77	0.76	0.72	0.75	0.71	0.69	0.92	0.83	0.90	0.86	0.82
2.00	1.01	0.90	0.99	0.94	0.89	0.85	0.83	0.80	0.82	0.79	0.77	1.01	0.90	0.99	0.94	0.89
2.50	1.07	0.95	1.04	0.99	0.94	0.90	0.88	0.85	0.87	0.84	0.81	1.07	0.95	1.04	0.99	0.94
3.00	1.12	0.98	1.08	1.02	0.97	0.93	0.91	0.89	0.90	0.88	0.85	1.12	0.98	1.08	1.02	0.97
4.00	1.17	1.01	1.13	1.06	1.00	0.97	0.95	0.93	0.93	0.92	0.89	1.17	1.01	1.13	1.06	1.00
5.00	1.20	1.03	1.16	1.09	1.02	1.00	0.98	0.96	0.96	0.94	0.91	1.20	1.03	1.16	1.09	1.02

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4498	5052	5605
50.0	3602	4312	5021
55.0	3293	3793	4293
60.0	2968	3112	3256
65.0	2662	2809	2956
70.0	2775	2830	2884
75.0	2539	2538	2536
80.0	2312	2651	2991
85.0	2136	2627	3119
90.0	-	-	-

(cd/m²)

E03-201803

2023-06-19