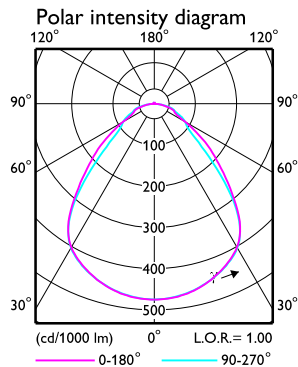


**RC099V G3 LED50 840 PSD 1xLED W60L120 OC CAU HE**

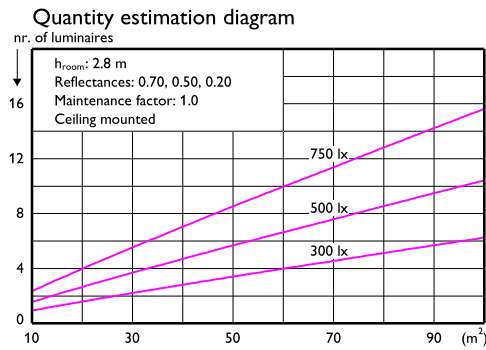
1 x 5000 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

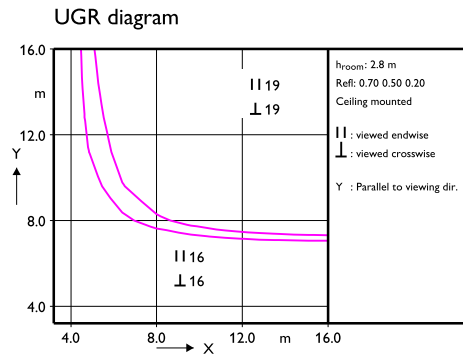
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.40
1.25	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.50	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
2.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
2.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
3.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
4.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
5.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.80
6.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.84
7.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.86

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	2652	2449	2246
45.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

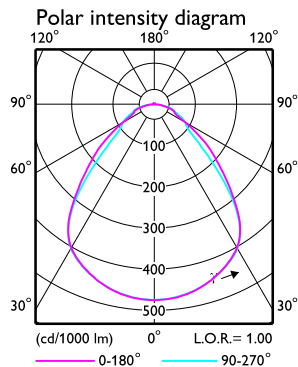
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 840 PSD 1xLED W60L120 OC CAU**

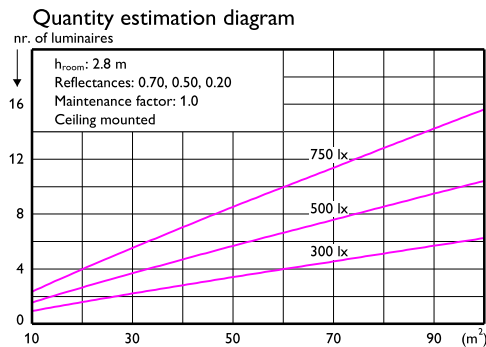
1 x 5000 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

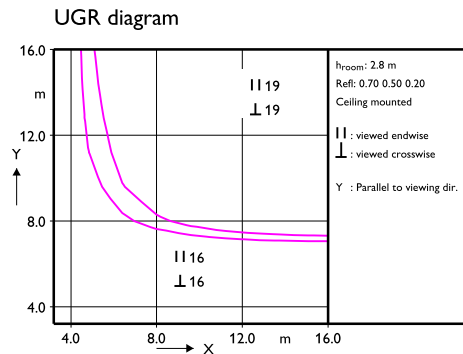
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.40
1.25	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.50	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
2.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
2.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
3.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
4.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
5.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.80
6.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.84
7.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.86

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	2652	2449	2246
45.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

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

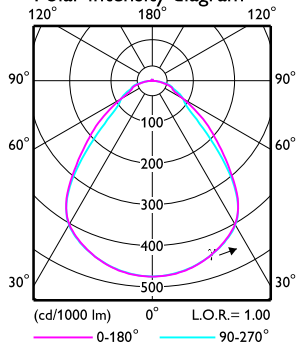
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## RC099V G3 LED50 840 PSD 1xLED W60L120 OC HE

1 x 5000 lm

Polar intensity diagram

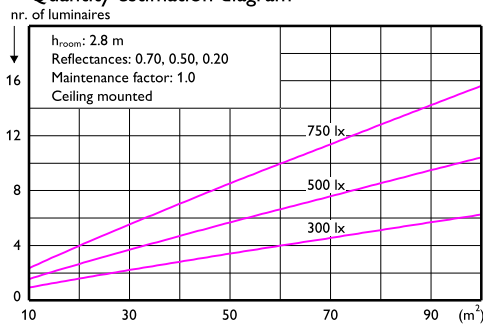


Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Quantity estimation diagram

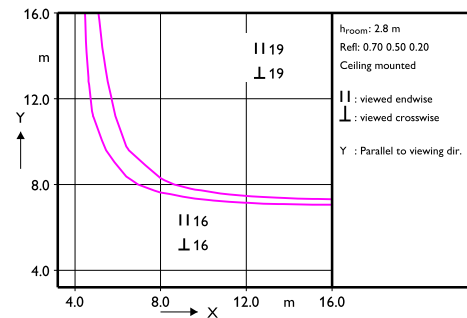


Utilisation factor table

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	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.40
1.25	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.50	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
2.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
2.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
3.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
4.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
5.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.81
6.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.85
7.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.87

Ceiling mounted

UGR diagram



Luminance Table

Plane	0.0	45.0	90.0
Cone	2652	2449	2246
45.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

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

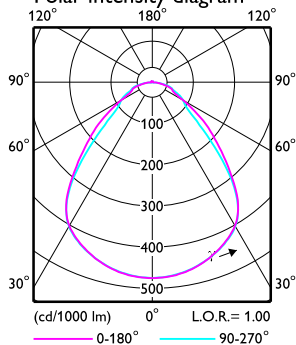
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## RC099V G3 LED50 840 PSD 1xLED W60L120 OC

1 x 5000 lm

Polar intensity diagram

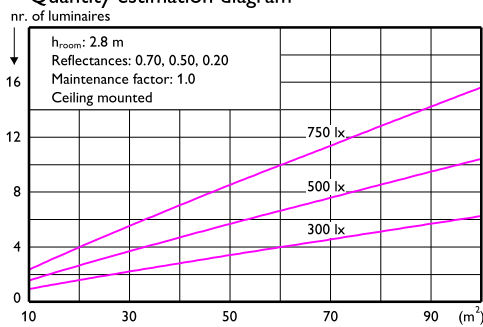


Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Quantity estimation diagram

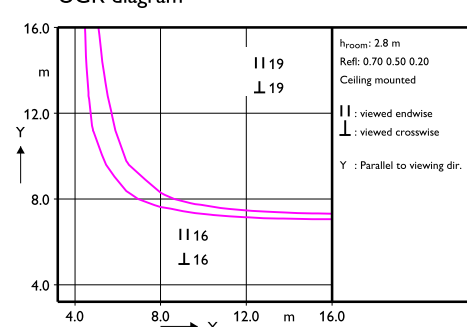


Utilisation factor table

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	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.40
1.25	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.50	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
2.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
2.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
3.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
4.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
5.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.81
6.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.85
7.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.87

Ceiling mounted

UGR diagram



Luminance Table

Plane	0.0	45.0	90.0
Cone	2652	2449	2246
45.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

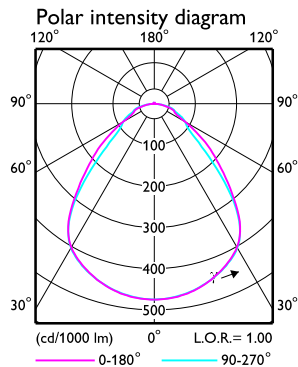
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 840 PSU 1xLED W60L120 OC CAU HE**

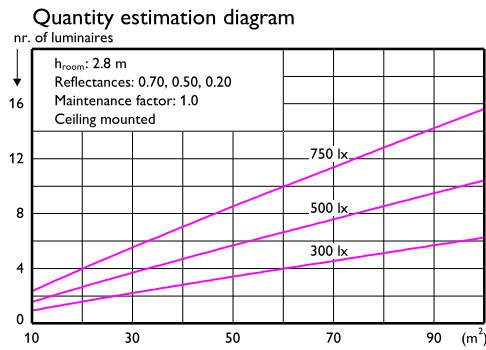
1 x 5000 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

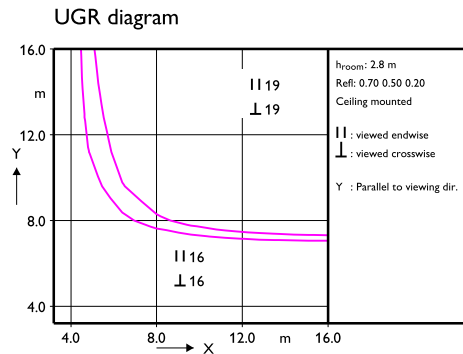
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.30	0.00
0.60	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.57	0.53	0.56	0.52
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.64	0.60	0.63	0.59	0.57	0.64	0.60	0.63	0.59
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.75	0.71	0.74	0.70	0.68	0.82	0.79	0.81	0.78
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.90	0.87	0.88	0.86
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.93	0.91	0.91	0.90
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.95	0.94	0.93	0.92
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.99	0.99	0.99	0.99
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	1.00	1.00	1.00	1.00
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.00	1.00	1.00	1.00
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	1.00	1.00	1.00	1.00

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	2652	2449	2246
45.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

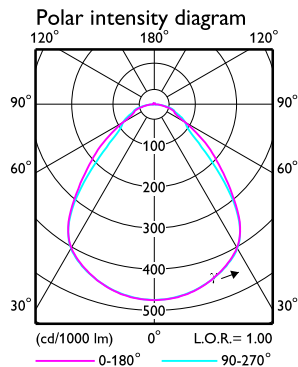
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 840 PSU 1xLED W60L120 OC CAU**

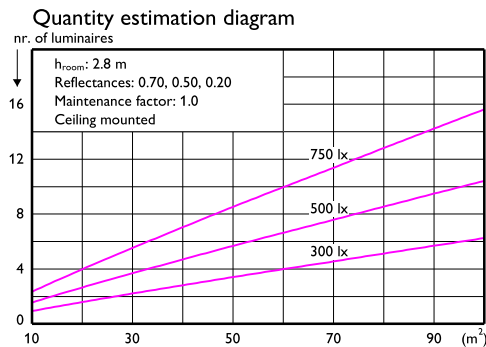
1 x 5000 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

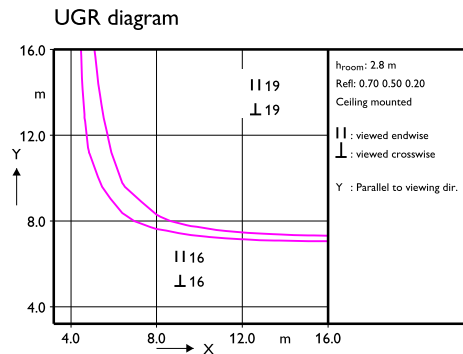
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.30	0.00
0.60	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.57	0.53	0.56	0.52
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.64	0.60	0.63	0.59	0.57	0.64	0.60	0.63	0.59
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.75	0.71	0.74	0.70	0.68	0.82	0.79	0.81	0.78
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.90	0.87	0.88	0.86
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.93	0.91	0.91	0.90
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.95	0.94	0.93	0.92
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.99	0.99	0.99	0.99
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	1.00	1.00	1.00	1.00
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	1.00	1.00	1.00	1.00
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	1.00	1.00	1.00	1.00

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	2652	2449	2246
45.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

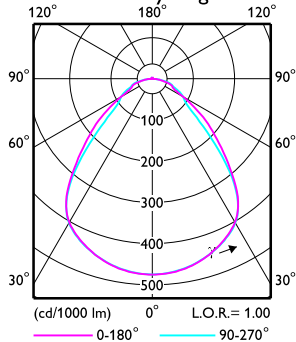
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 840 PSU 1xLED W60L120 OC HE**

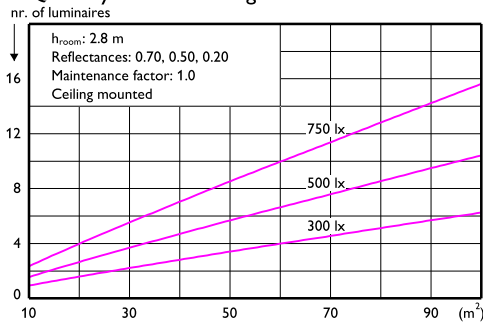
1 x 5000 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

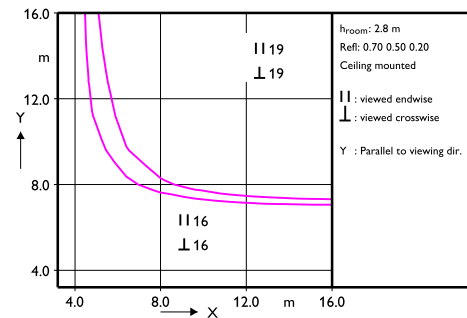
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.25	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
1.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
2.50	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
3.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
4.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

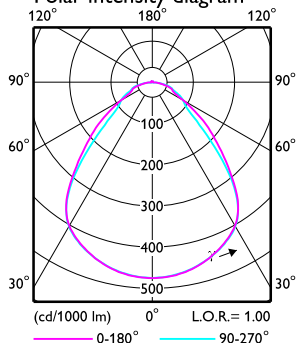
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 840 PSU 1xLED W60L120 OC NZ**

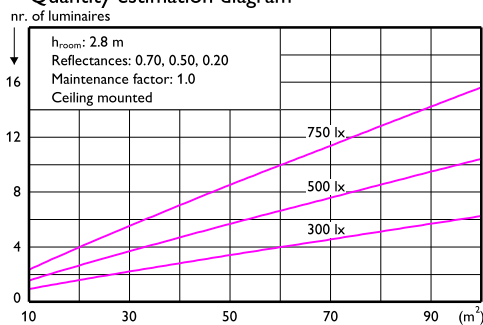
1 x 5000 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

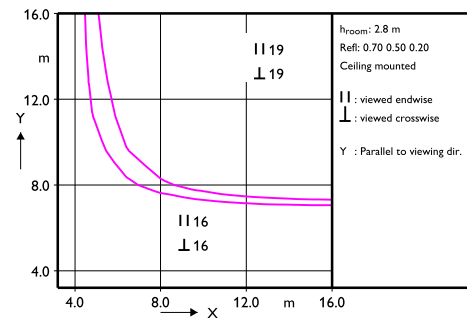
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.25	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
1.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
2.50	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
3.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
4.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

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

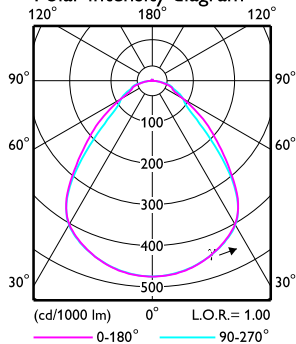
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**RC099V G3 LED50 840 PSU 1xLED W60L120 OC**

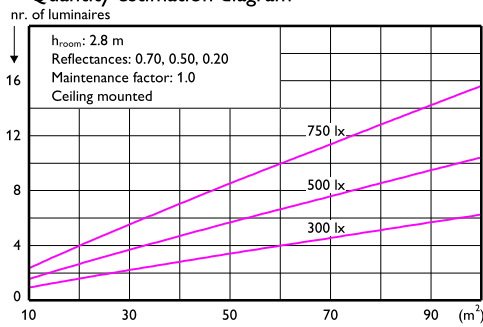
1 x 5000 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

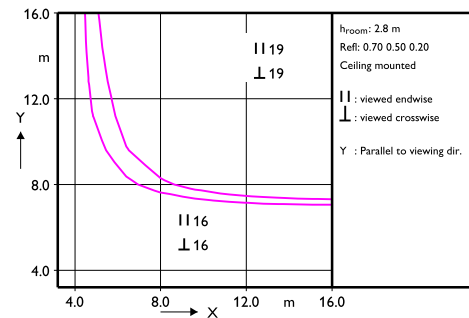
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.42
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.50
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted

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

Plane	0.0	45.0	90.0
Cone			
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

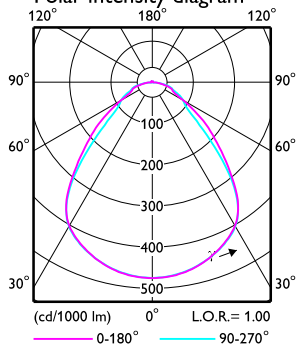
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 850 PSD 1xLED W60L120 OC CAU**

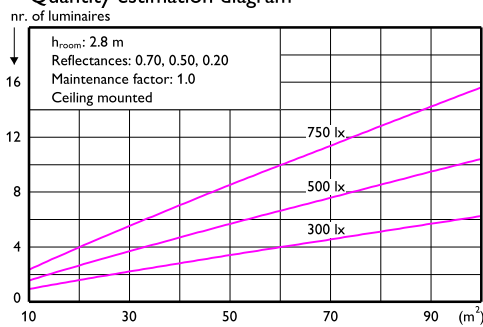
1 x 5000 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

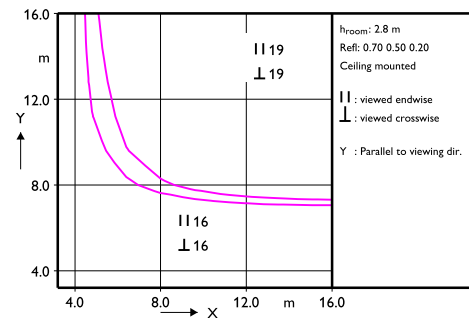
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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
0.50	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00	0.00
0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.42
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.50
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted

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

Plane	0.0	45.0	90.0
Cone			
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

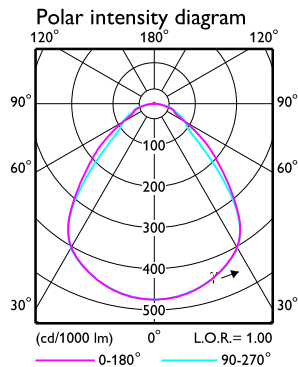
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 850 PSU 1xLED W60L120 OC CAU**

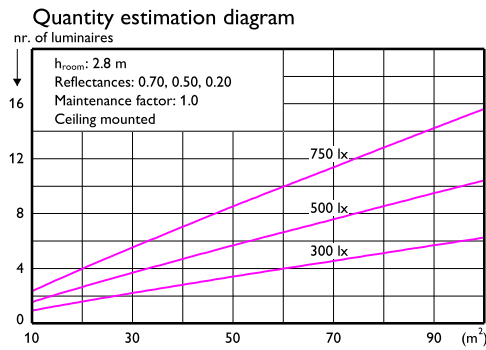
1 x 5000 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 63 88 97 99 100

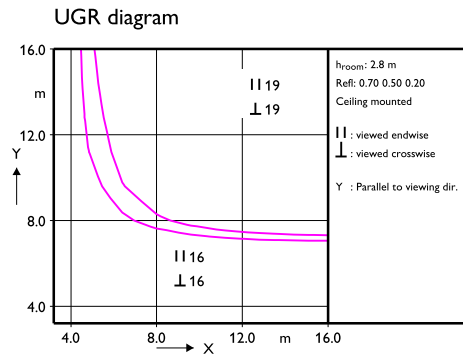
UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>



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	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.25	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
1.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
2.50	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
3.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
4.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

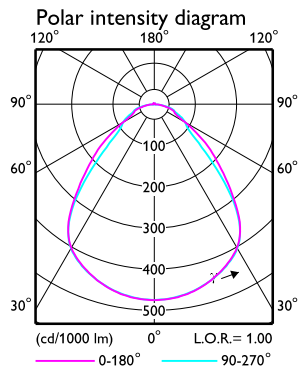
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 850 PSU 1xLED W60L120 OC NZ**

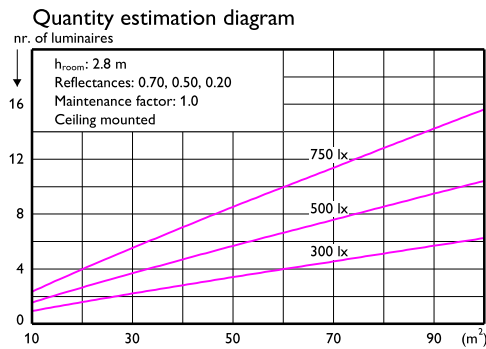
1 x 5000 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 63 88 97 99 100

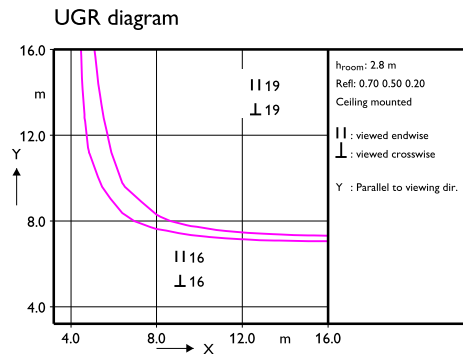
UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>



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	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.25	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
1.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
2.50	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
3.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
4.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

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

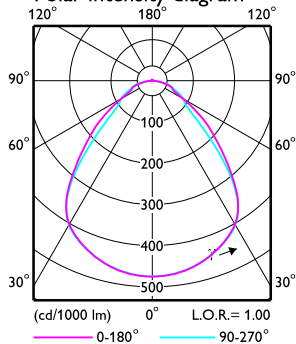
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## RC099V G3 LED50 850 PSU 1xLED W60L120 OC

1 x 5000 lm

Polar intensity diagram

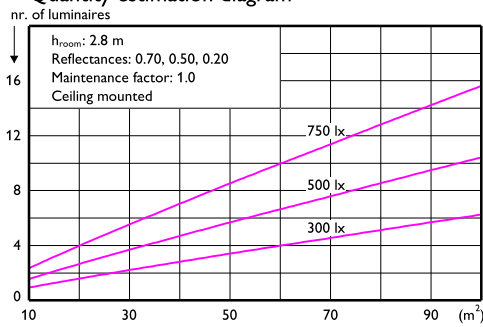


Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Quantity estimation diagram

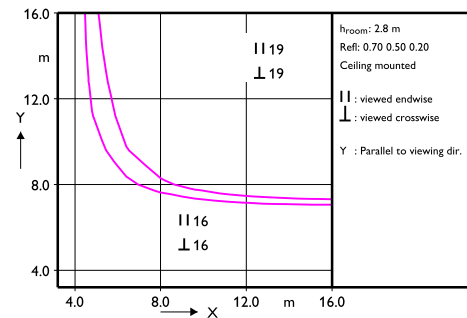


Utilisation factor table

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	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.25	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
1.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
2.50	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
3.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
4.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89
5.00												

Ceiling mounted

UGR diagram



Luminance Table

Plane	0.0	45.0	90.0
Cone			
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

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

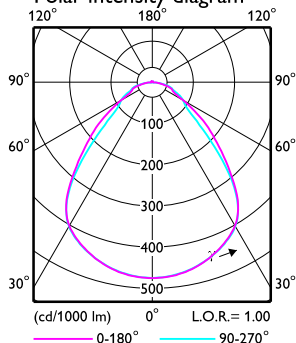
E03-201803

2023-06-19

## RC099V G3 LED50 865 PSD 1xLED W60L120 OC CAU

1 x 5000 lm

Polar intensity diagram

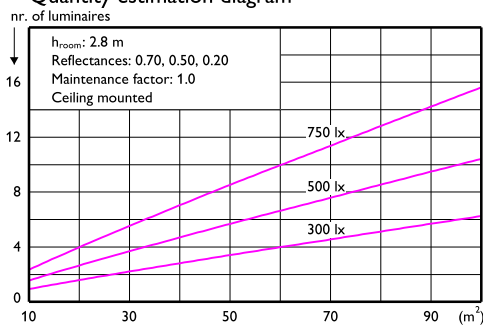


Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

Quantity estimation diagram

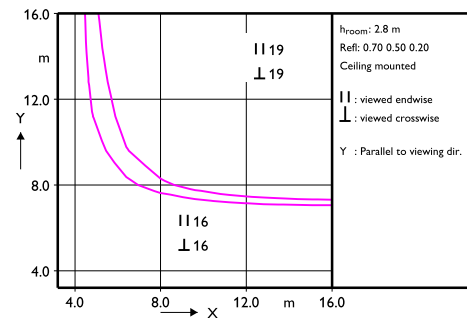


Utilisation factor table

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	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.25	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
1.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
2.50	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
3.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
4.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89
5.00												

Ceiling mounted

UGR diagram



Luminance Table

Plane	0.0	45.0	90.0
Cone			
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

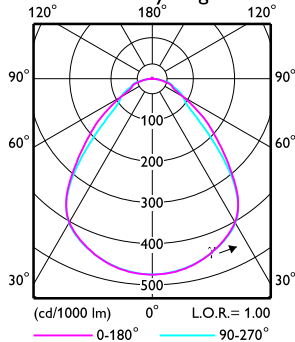
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 865 PSU 1xLED W60L120 OC CAU**

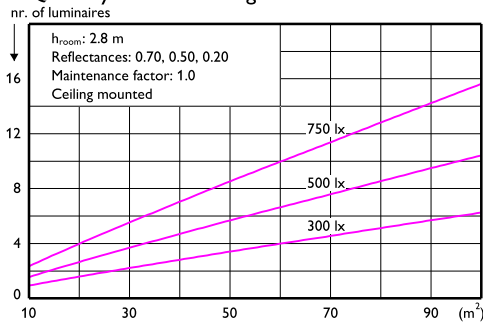
1 x 5000 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

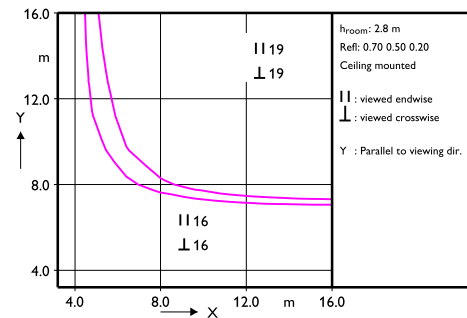
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.30	0.00
0.60	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.57	0.53	0.56	0.52
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.64	0.60	0.63	0.59
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.70	0.66	0.69	0.66
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.75	0.71	0.74	0.70
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.82	0.79	0.81	0.78
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.86	0.84	0.85	0.83
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.90	0.87	0.88	0.86
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.93	0.91	0.91	0.90
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.95	0.94	0.93	0.92
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89				

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

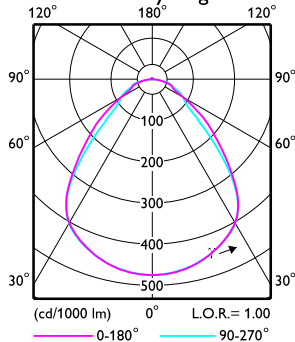
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 865 PSU 1xLED W60L120 OC NZ**

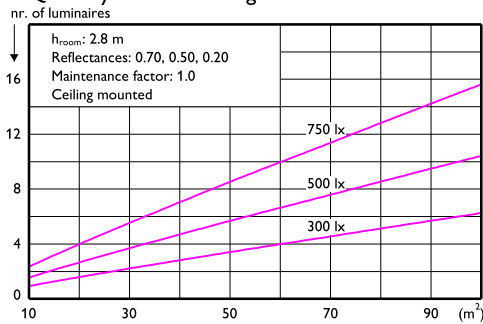
1 x 5000 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

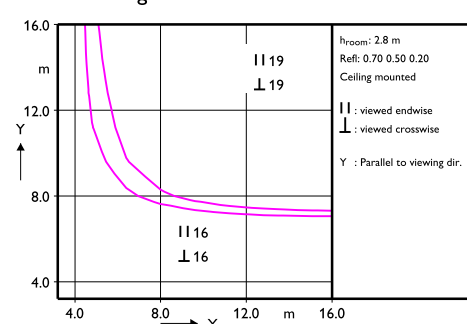
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.30	0.00
0.60	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.57	0.53	0.56	0.52
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.64	0.60	0.63	0.59
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.70	0.66	0.69	0.66
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.75	0.71	0.74	0.70
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.82	0.79	0.81	0.78
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.86	0.84	0.85	0.83
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.90	0.87	0.88	0.86
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.93	0.91	0.91	0.90
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.95	0.94	0.93	0.92
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89				

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

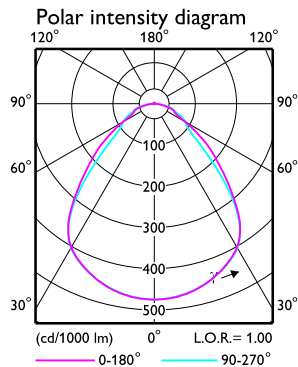
(cd/m<sup>2</sup>)

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**RC099V G3 LED50 865 PSU 1xLED W60L120 OC**

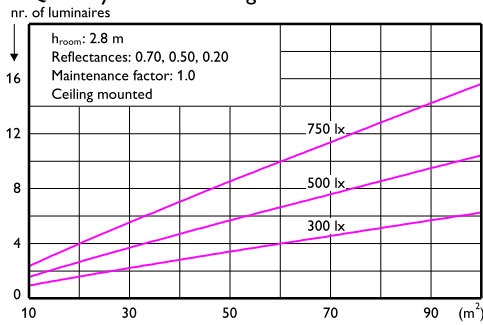
1 x 5000 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

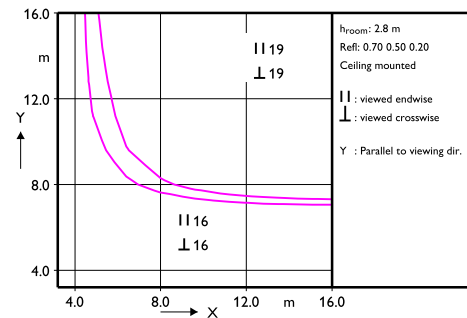
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 17  
EN12464-1 65 deg, 1500 cd/m<sup>2</sup>

**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	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.00	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
1.25	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
1.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
2.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
2.50	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
3.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
4.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	2652	2449	2246
50.0	2280	1953	1625
55.0	1841	1604	1368
60.0	1364	1365	1366
65.0	1099	1209	1318
70.0	1186	1221	1257
75.0	1234	1319	1404
80.0	1109	1223	1337
85.0	1166	1069	972
90.0	-	-	-

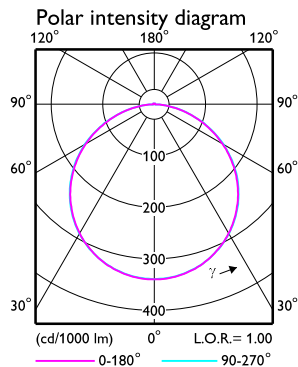
(cd/m<sup>2</sup>)

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**RC099V G3 LED54 840 PSD 1xLED W60L120 HE**

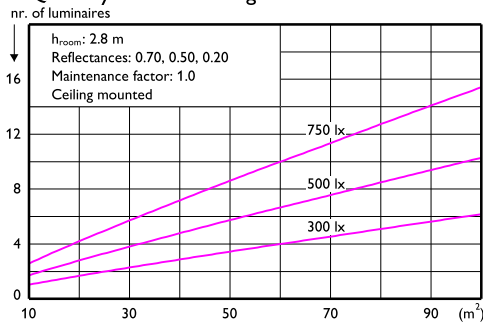
1 x 5400 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

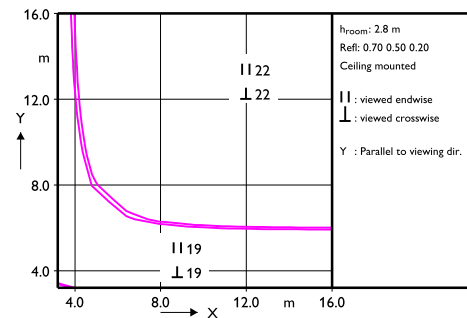
CIE flux code 46 78 95 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

**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	0.67	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

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

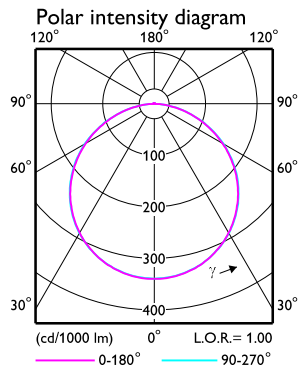
(cd/m<sup>2</sup>)

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**RC099V G3 LED54 840 PSD 1xLED W60L120 NZ**

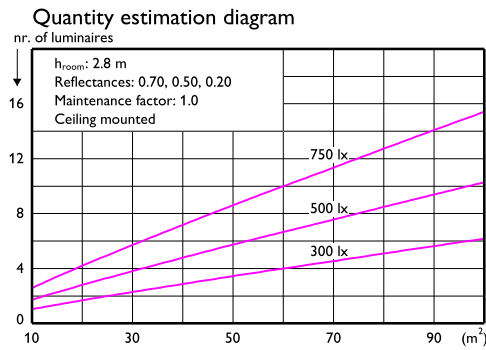
1 x 5400 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 46 78 95 99 100

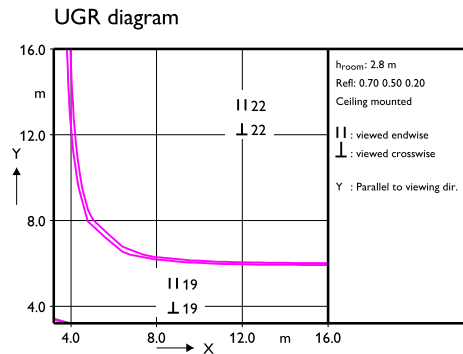
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

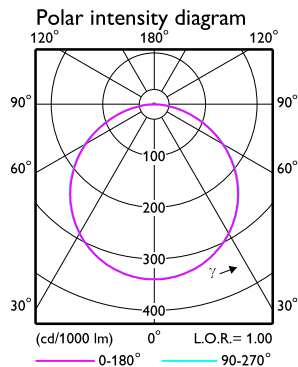
(cd/m<sup>2</sup>)

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**RC099V G3 LED54 840 PSD 1xLED W60L120**

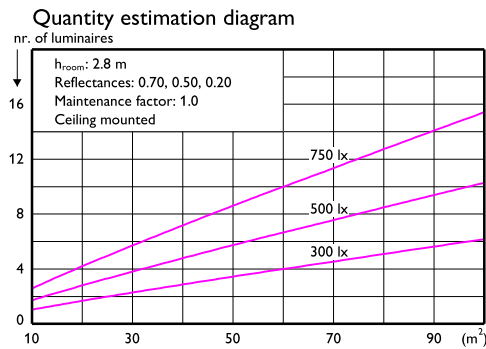
1 x 5400 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 46 78 95 99 100

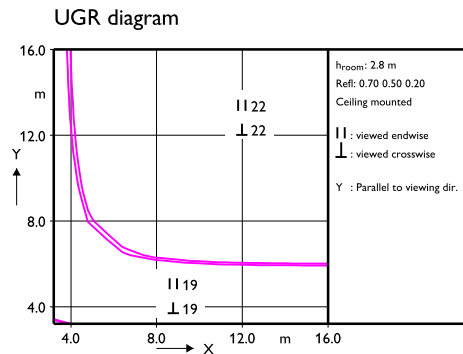
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

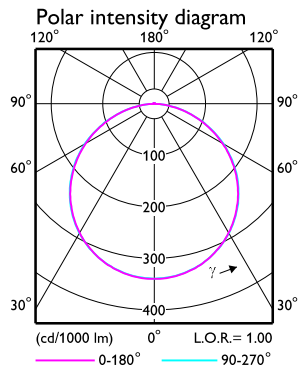
(cd/m<sup>2</sup>)

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## RC099V G3 LED54 840 PSU 1xLED W60L120 HE

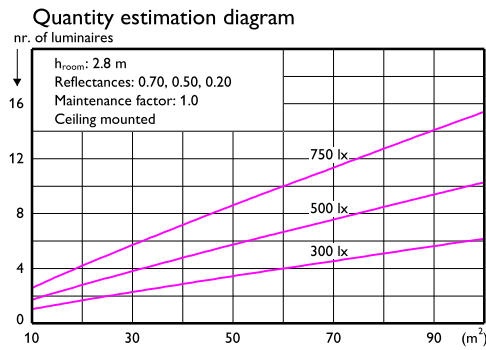
1 x 5400 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 46 78 95 99 100

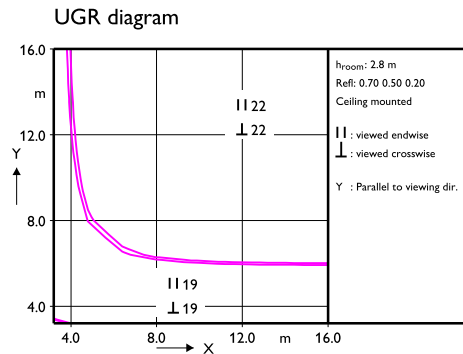
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

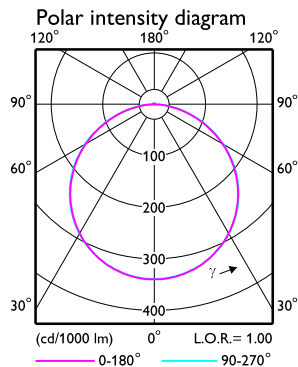
(cd/m<sup>2</sup>)

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## RC099V G3 LED54 840 PSU 1xLED W60L120 NZ

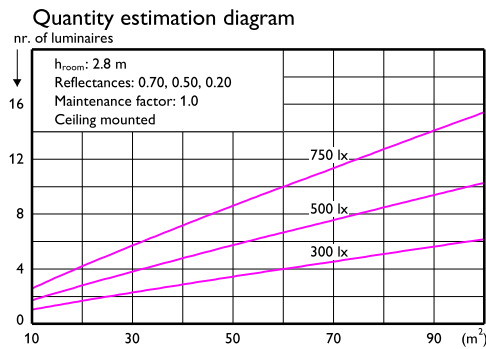
1 x 5400 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 46 78 95 99 100

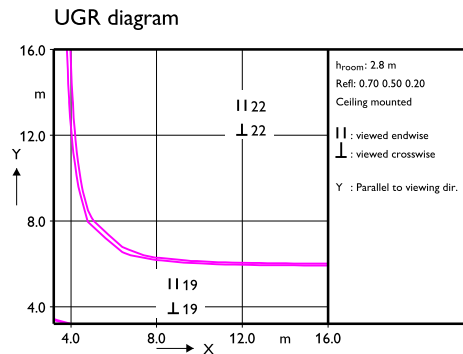
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

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

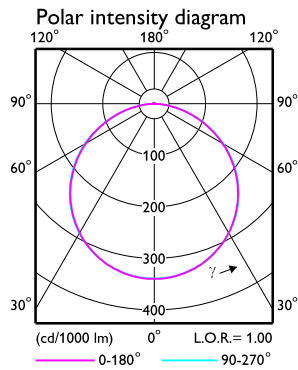
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**RC099V G3 LED54 840 PSU 1xLED W60L120**

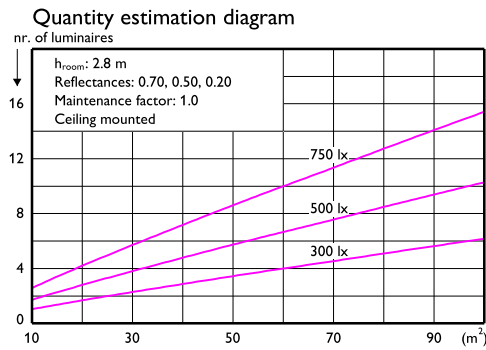
1 x 5400 lm



Light output ratio 1.00  
 Service upward 0.01  
 Service downward 0.99

CIE flux code 46 78 95 99 100

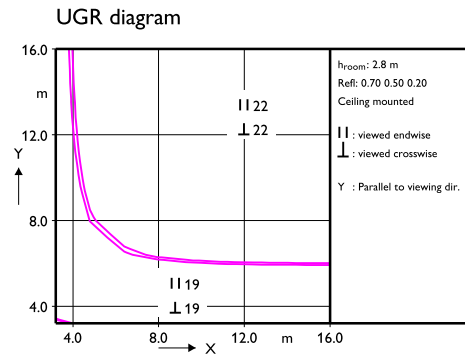
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

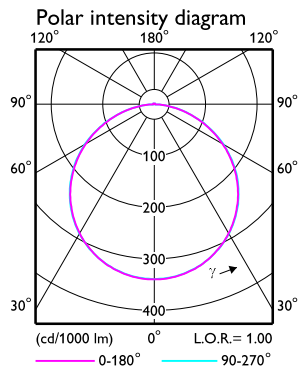
(cd/m<sup>2</sup>)

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**RC099V G3 LED54 850 PSU 1xLED W60L120 NZ**

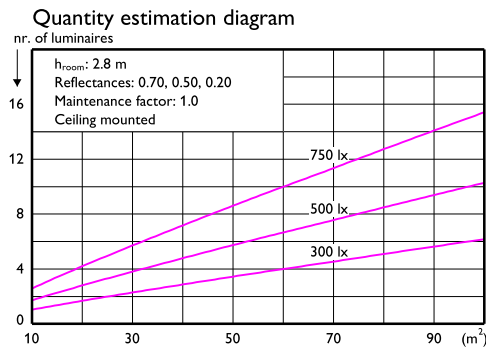
1 x 5400 lm



Light output ratio 1.00  
 Service upward 0.01  
 Service downward 0.99

CIE flux code 46 78 95 99 100

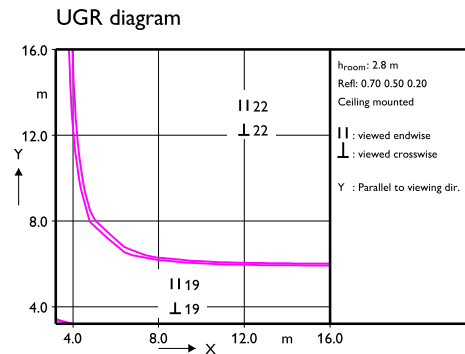
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
 EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

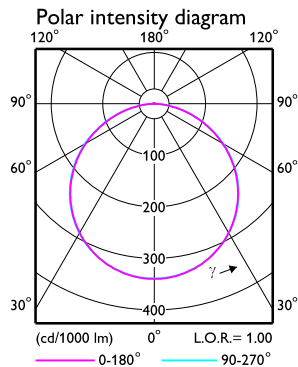
(cd/m<sup>2</sup>)

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## RC099V G3 LED54 850 PSU 1xLED W60L120

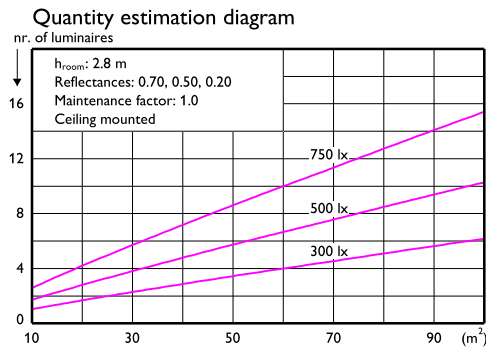
1 x 5400 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 46 78 95 99 100

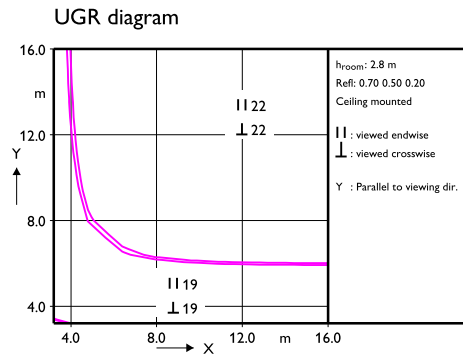
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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	0.30	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	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

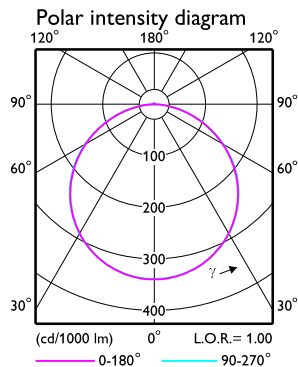
(cd/m<sup>2</sup>)

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## RC099V G3 LED54 865 PSU 1xLED W60L120 NZ

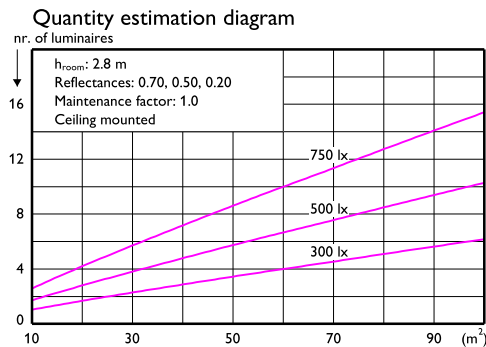
1 x 5400 lm



Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

CIE flux code 46 78 95 99 100

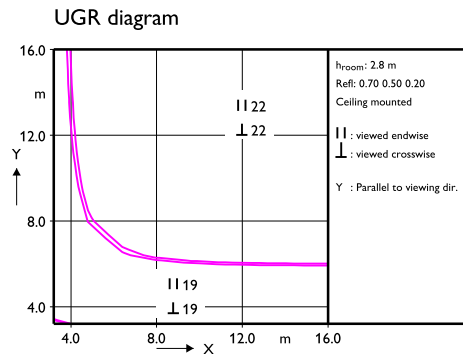
UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>



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	0.30	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	2774	2784	2794
50.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

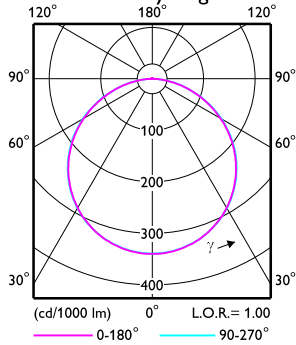
(cd/m<sup>2</sup>)

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**RC099V G3 LED54 865 PSU 1xLED W60L120**

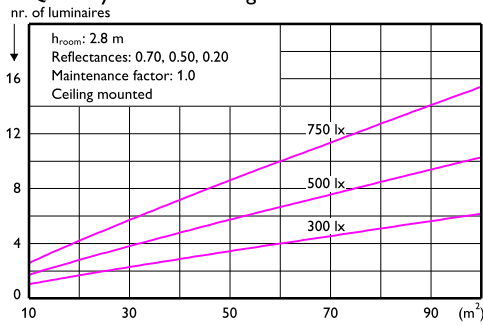
1 x 5400 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

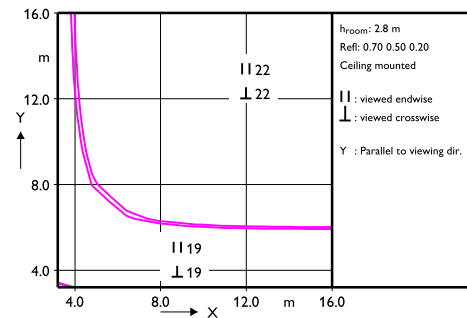
CIE flux code 46 78 95 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 20  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

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

Ceiling mounted

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

Plane	0.0	45.0	90.0
Cone	2774	2784	2794
45.0	2732	2745	2757
55.0	2683	2697	2711
60.0	2615	2631	2647
65.0	2528	2546	2563
70.0	2409	2429	2450
75.0	2256	2277	2299
80.0	2065	2087	2108
85.0	1780	1799	1819
90.0	-	-	-

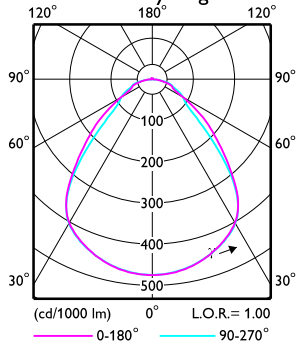
(cd/m<sup>2</sup>)

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**RC099V G3 LED68 840 PSU 1xLED W60L120 OC**

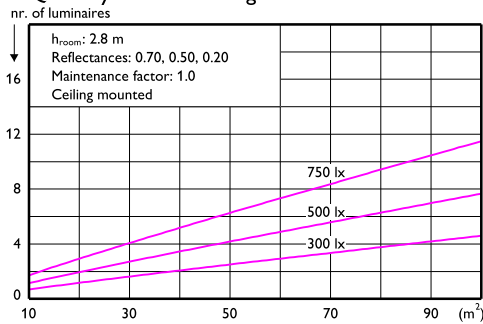
1 x 6800 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

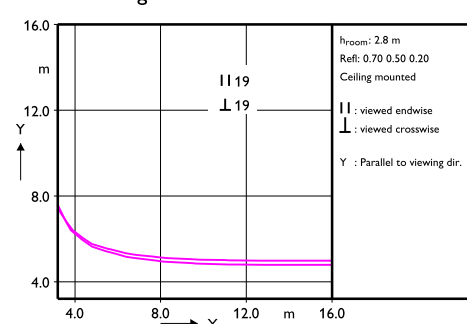
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

**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	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.60	0.69	0.64	0.67
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.80	0.77	0.71	0.75
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	1.00	0.99	0.97	0.99
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	1.25	1.25	1.25	1.25
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	1.50	1.50	1.50	1.50
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	2.00	2.00	2.00	2.00
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	2.50	2.50	2.50	2.50
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	3.00	3.00	3.00	3.00
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	4.00	4.00	4.00	4.00
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	5.00	5.00	5.00	5.00

Ceiling mounted

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

Plane	0.0	45.0	90.0
Cone	3607	3331	3055
45.0	3101	2656	2210
55.0	2504	2182	1860
60.0	1855	1856	1858
65.0	1495	1644	1793
70.0	1613	1661	1709
75.0	1678	1794	1910
80.0	1508	1663	1818
85.0	1586	1454	1322
90.0	-	-	-

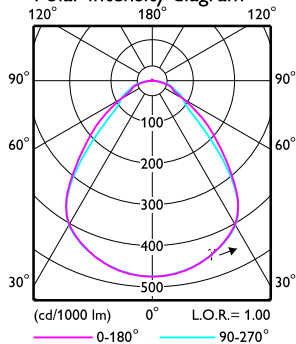
(cd/m<sup>2</sup>)

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**RC099V G3 LED68 850 PSU 1xLED W60L120 OC**

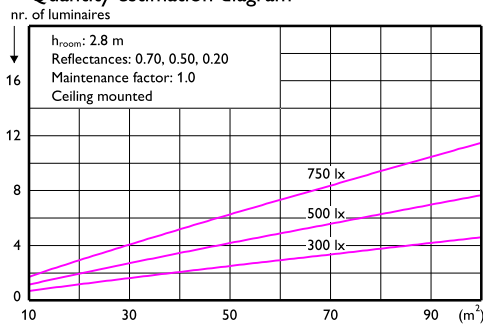
1 x 6800 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

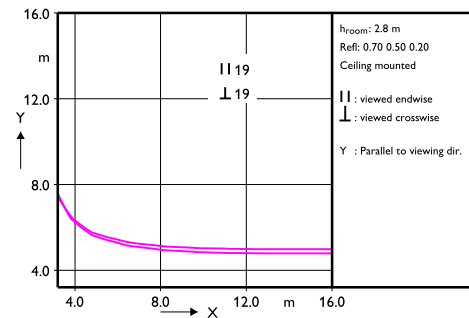
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

**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	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.50
1.25	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.50	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
2.00	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
2.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
3.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
4.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
5.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
6.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	3607	3331	3055
50.0	3101	2656	2210
55.0	2504	2182	1860
60.0	1855	1856	1858
65.0	1495	1644	1793
70.0	1613	1661	1709
75.0	1678	1794	1910
80.0	1508	1663	1818
85.0	1586	1454	1322
90.0	-	-	-

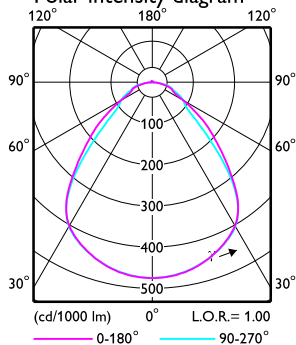
(cd/m<sup>2</sup>)

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**RC099V G3 LED68 865 PSU 1xLED W60L120 OC**

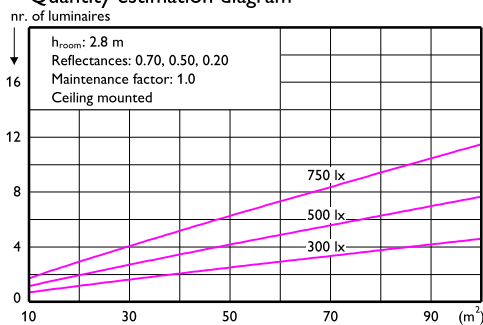
1 x 6800 lm

**Polar intensity diagram**

Light output ratio 1.00  
Service upward 0.01  
Service downward 0.99

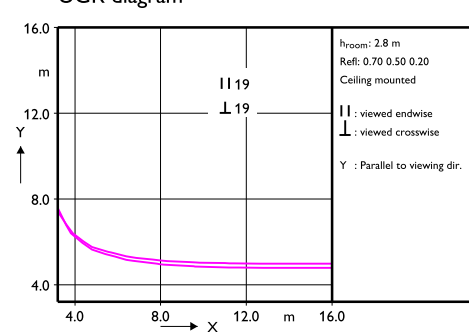
CIE flux code 63 88 97 99 100

UGR<sub>cen</sub> (4Hx8H, 0.25H) 18  
EN12464-1 65 deg, 3000 cd/m<sup>2</sup>

**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	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.50
1.25	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.57
1.50	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.64
2.00	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.68
2.50	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.76
3.00	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.80
4.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.83
5.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.87
6.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.89

Ceiling mounted

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

Plane Cone	0.0	45.0	90.0
45.0	3607	3331	3055
50.0	3101	2656	2210
55.0	2504	2182	1860
60.0	1855	1856	1858
65.0	1495	1644	1793
70.0	1613	1661	1709
75.0	1678	1794	1910
80.0	1508	1663	1818
85.0	1586	1454	1322
90.0	-	-	-

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

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