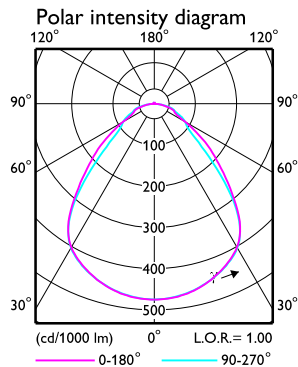


RC099V G3 LED29 840 PSD 1xLED W30L120 OC CAU HE

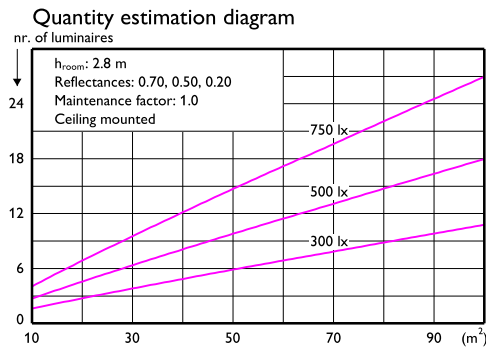
1 x 2900 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

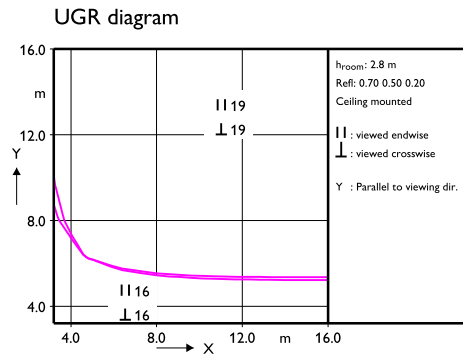
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	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	0.40
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.81
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.85
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.87

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3384	3125	2866
50.0	2910	2492	2073
55.0	2349	2047	1745
60.0	1740	1742	1743
65.0	1403	1543	1682
70.0	1513	1558	1603
75.0	1575	1683	1792
80.0	1415	1560	1705
85.0	1488	1365	1241
90.0	-	-	-

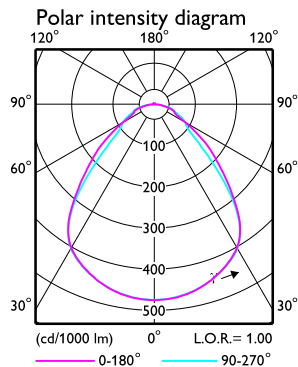
(cd/m²)

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RC099V G3 LED29 840 PSD 1xLED W30L120 OC CAU

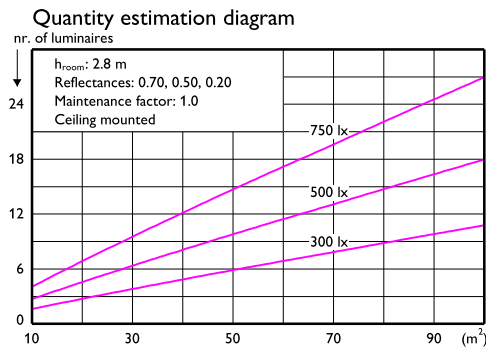
1 x 2900 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

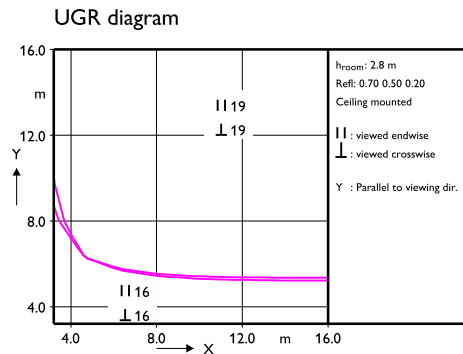
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.30	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	0.40
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.81
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.85
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.87

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3384	3125	2866
50.0	2910	2492	2073
55.0	2349	2047	1745
60.0	1740	1742	1743
65.0	1403	1543	1682
70.0	1513	1558	1603
75.0	1575	1683	1792
80.0	1415	1560	1705
85.0	1488	1365	1241
90.0	-	-	-

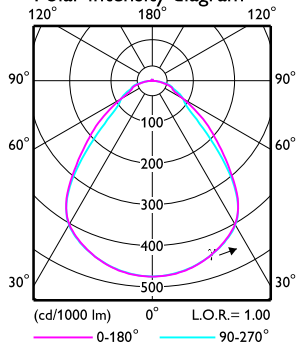
(cd/m²)

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RC099V G3 LED29 840 PSU 1xLED W30L120 OC CAU

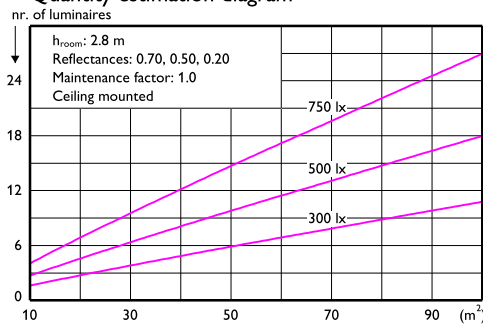
1 x 2900 lm

Polar intensity diagram

Light output ratio 1.00
Service upward 0.01
Service downward 0.99

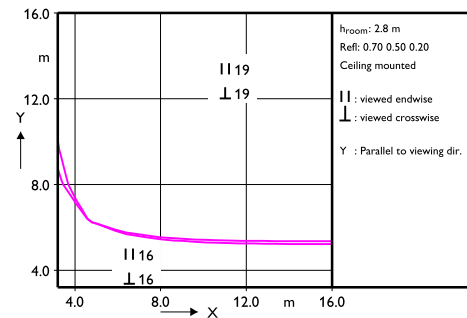
CIE flux code 63 88 97 99 100

UGR_{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	0.00
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	0.40
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.81
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.85
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.87

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3384	3125	2866
50.0	2910	2492	2073
55.0	2349	2047	1745
60.0	1740	1742	1743
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70.0	1513	1558	1603
75.0	1575	1683	1792
80.0	1415	1560	1705
85.0	1488	1365	1241
90.0	-	-	-

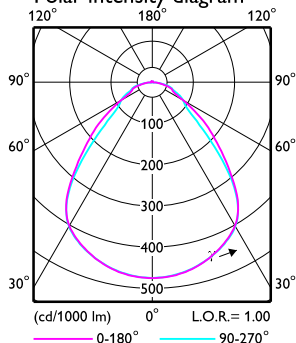
(cd/m²)

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RC099V G3 LED29 850 PSD 1xLED W30L120 OC CAU

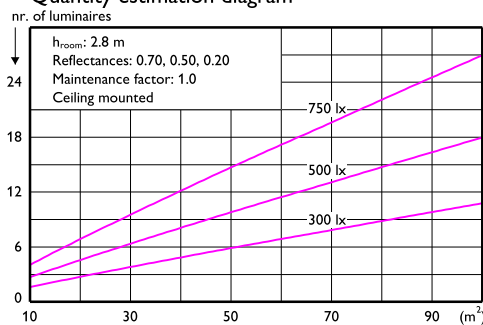
1 x 2900 lm

Polar intensity diagram

Light output ratio 1.00
Service upward 0.01
Service downward 0.99

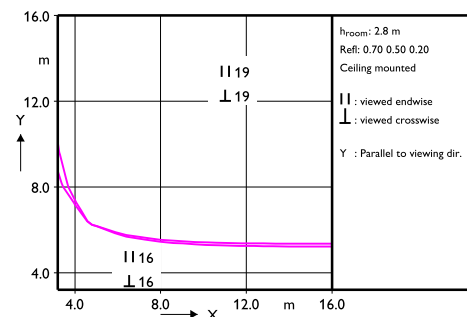
CIE flux code 63 88 97 99 100

UGR_{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	0.00
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	0.40
0.80	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.48
1.00	0.77	0.71	0.75	0.73	0.71	0.65	0.64	0.60	0.63	0.59	0.57	0.55
1.25	0.85	0.78	0.83	0.80	0.77	0.71	0.70	0.66	0.69	0.66	0.64	0.62
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.75	0.71	0.74	0.70	0.68	0.66
2.00	0.99	0.89	0.97	0.92	0.88	0.83	0.82	0.79	0.81	0.78	0.76	0.74
2.50	1.05	0.93	1.02	0.97	0.92	0.88	0.86	0.84	0.85	0.83	0.80	0.78
3.00	1.09	0.95	1.06	1.00	0.94	0.91	0.90	0.87	0.88	0.86	0.83	0.81
4.00	1.14	0.99	1.10	1.04	0.97	0.95	0.93	0.91	0.91	0.90	0.87	0.85
5.00	1.17	1.00	1.13	1.06	0.99	0.97	0.95	0.94	0.93	0.92	0.89	0.87

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3384	3125	2866
50.0	2910	2492	2073
55.0	2349	2047	1745
60.0	1740	1742	1743
65.0	1403	1543	1682
70.0	1513	1558	1603
75.0	1575	1683	1792
80.0	1415	1560	1705
85.0	1488	1365	1241
90.0	-	-	-

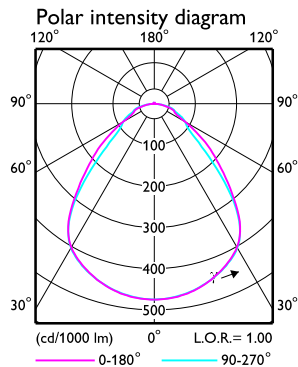
(cd/m²)

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RC099V G3 LED29 850 PSU 1xLED W30L120 OC CAU

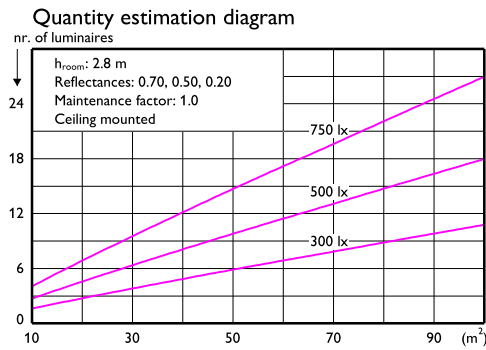
1 x 2900 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

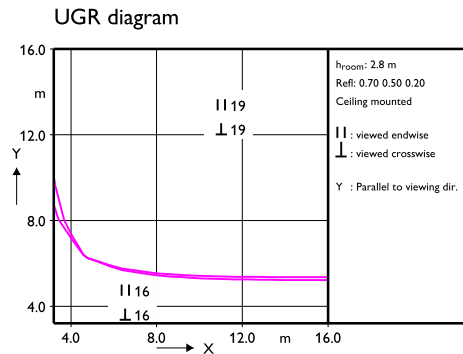
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.50	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	0.90	0.87	0.88	0.86	0.83	0.93	0.91	0.91	0.90
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.95	0.94	0.93	0.92	0.89	1.00	0.99	0.99	0.97
2.00	0.99	0.89	0.97	0.92	0.88	0.83	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
2.50	1.05	0.93	1.02	0.97	0.92	0.88	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
3.00	1.09	0.95	1.06	1.00	0.94	0.91	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
4.00	1.14	0.99	1.10	1.04	0.97	0.95	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
5.00	1.17	1.00	1.13	1.06	0.99	0.97	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3384	3125	2866
50.0	2910	2492	2073
55.0	2349	2047	1745
60.0	1740	1742	1743
65.0	1403	1543	1682
70.0	1513	1558	1603
75.0	1575	1683	1792
80.0	1415	1560	1705
85.0	1488	1365	1241
90.0	-	-	-

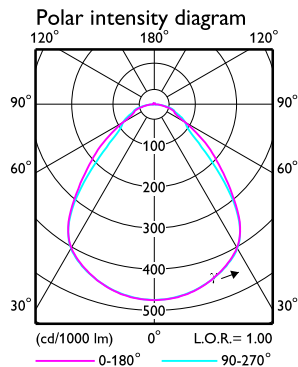
(cd/m²)

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RC099V G3 LED29 865 PSD 1xLED W30L120 OC CAU

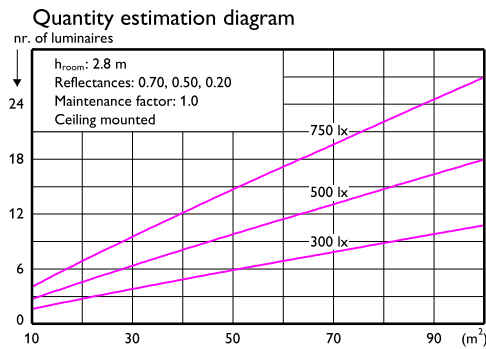
1 x 2900 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

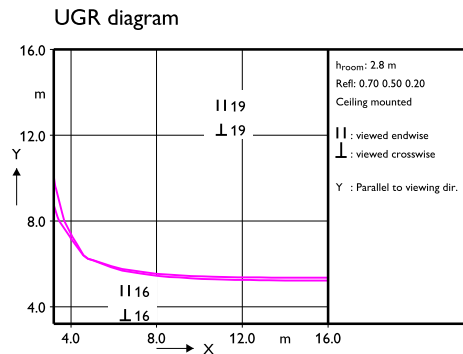
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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	0.50	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	0.90	0.87	0.88	0.86	0.83	0.93	0.91	0.91	0.90
1.50	0.90	0.82	0.88	0.85	0.81	0.76	0.95	0.94	0.93	0.92	0.89	1.00	0.99	0.99	0.97
2.00	0.99	0.89	0.97	0.92	0.88	0.83	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
2.50	1.05	0.93	1.02	0.97	0.92	0.88	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
3.00	1.09	0.95	1.06	1.00	0.94	0.91	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
4.00	1.14	0.99	1.10	1.04	0.97	0.95	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97
5.00	1.17	1.00	1.13	1.06	0.99	0.97	1.00	0.99	0.99	0.99	0.97	1.00	0.99	0.99	0.97

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3384	3125	2866
50.0	2910	2492	2073
55.0	2349	2047	1745
60.0	1740	1742	1743
65.0	1403	1543	1682
70.0	1513	1558	1603
75.0	1575	1683	1792
80.0	1415	1560	1705
85.0	1488	1365	1241
90.0	-	-	-

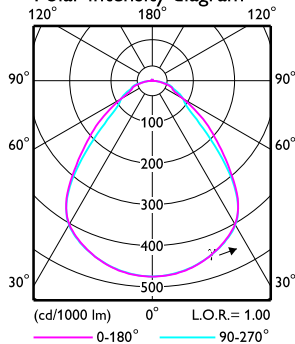
(cd/m²)

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2023-06-19

RC099V G3 LED29 865 PSU 1xLED W30L120 OC CAU

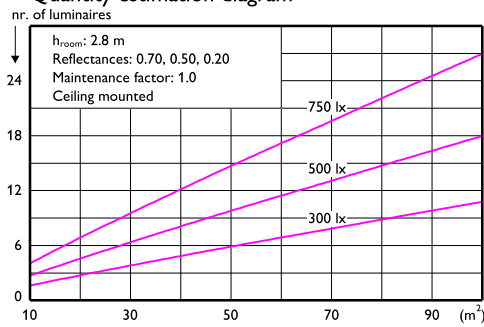
1 x 2900 lm

Polar intensity diagram

Light output ratio 1.00
Service upward 0.01
Service downward 0.99

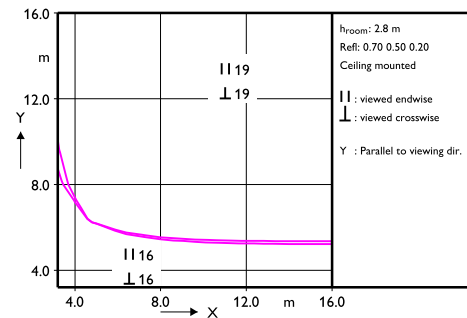
CIE flux code 63 88 97 99 100

UGR_{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	0.00
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 Cone	0.0	45.0	90.0
45.0	3384	3125	2866
50.0	2910	2492	2073
55.0	2349	2047	1745
60.0	1740	1742	1743
65.0	1403	1543	1682
70.0	1513	1558	1603
75.0	1575	1683	1792
80.0	1415	1560	1705
85.0	1488	1365	1241
90.0	-	-	-

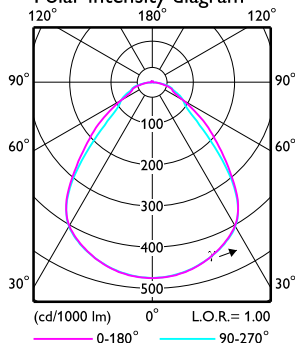
(cd/m²)

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RC099V G3 LED32 840 PSD 1xLED W30L120 OC CAU HE

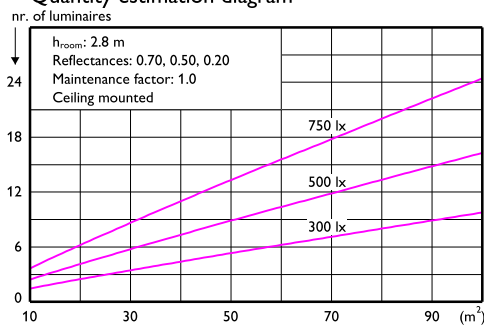
1 x 3200 lm

Polar intensity diagram

Light output ratio 1.00
Service upward 0.01
Service downward 0.99

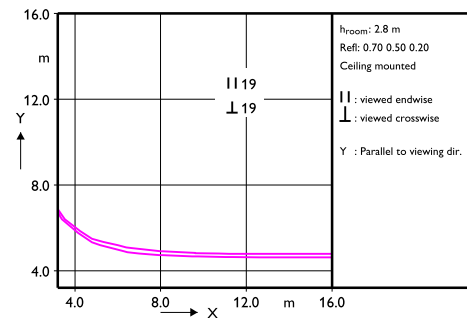
CIE flux code 63 88 97 99 100

UGR_{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	0.00
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 Cone	0.0	45.0	90.0
45.0	3734	3448	3163
50.0	3211	2749	2288
55.0	2592	2259	1926
60.0	1920	1922	1923
65.0	1548	1702	1856
70.0	1670	1720	1769
75.0	1737	1857	1977
80.0	1561	1722	1882
85.0	1642	1506	1369
90.0	-	-	-

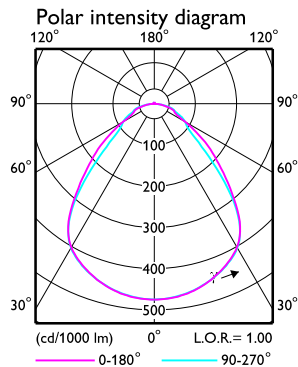
(cd/m²)

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RC099V G3 LED32 840 PSD 1xLED W30L120 OC CAU

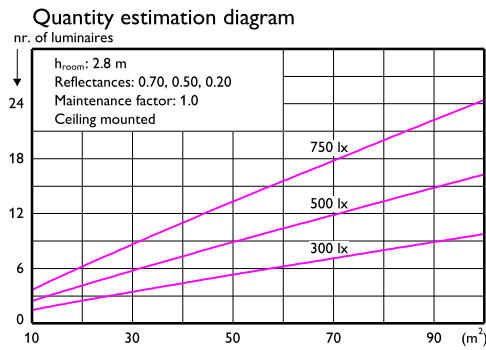
1 x 3200 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

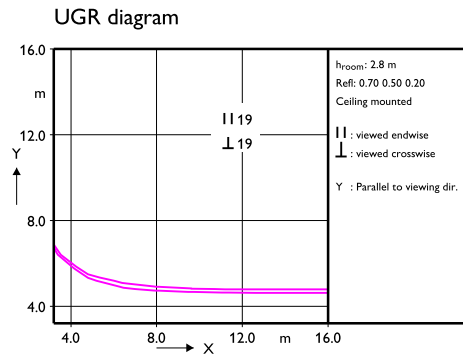
CIE flux code 63 88 97 99 100

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
0.60	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	0.30	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

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3734	3448	3163
50.0	3211	2749	2288
55.0	2592	2259	1926
60.0	1920	1922	1923
65.0	1548	1702	1856
70.0	1670	1720	1769
75.0	1737	1857	1977
80.0	1561	1722	1882
85.0	1642	1506	1369
90.0	-	-	-

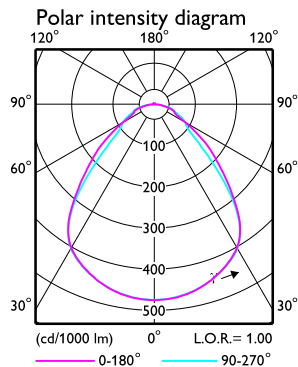
(cd/m²)

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2023-06-19

RC099V G3 LED32 840 PSU 1xLED W30L120 OC CAU

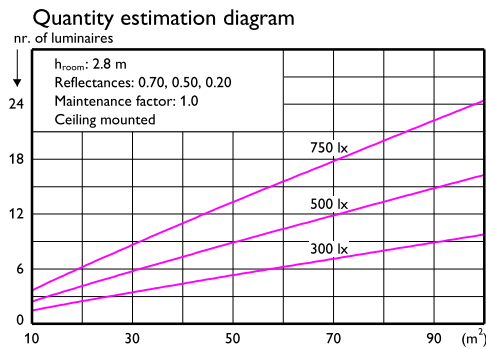
1 x 3200 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

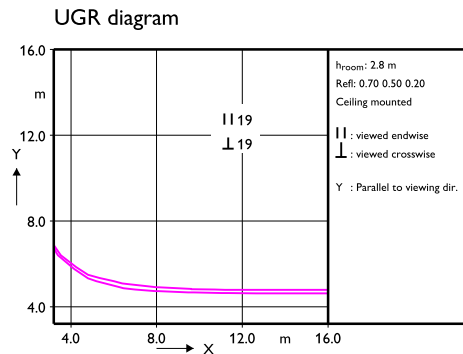
CIE flux code 63 88 97 99 100

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
0.60	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	0.30	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

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3734	3448	3163
50.0	3211	2749	2288
55.0	2592	2259	1926
60.0	1920	1922	1923
65.0	1548	1702	1856
70.0	1670	1720	1769
75.0	1737	1857	1977
80.0	1561	1722	1882
85.0	1642	1506	1369
90.0	-	-	-

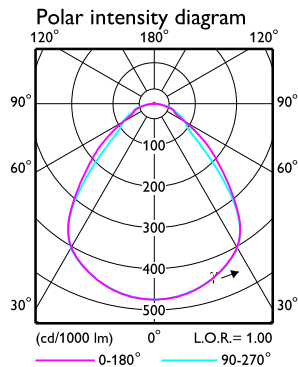
(cd/m²)

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RC099V G3 LED32 850 PSD 1xLED W30L120 OC CAU

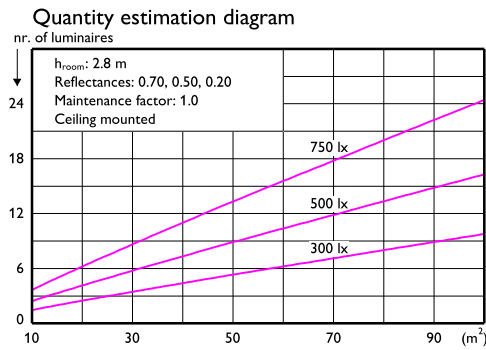
1 x 3200 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

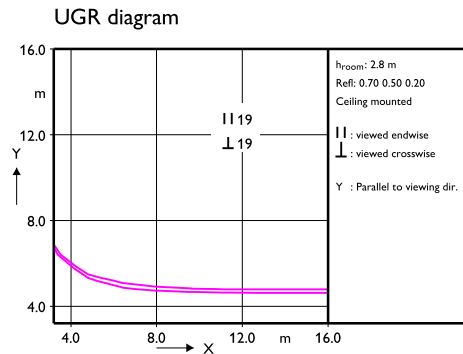
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.60	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



Luminance Table

Plane	0.0	45.0	90.0
Cone			
45.0	3734	3448	3163
50.0	3211	2749	2288
55.0	2592	2259	1926
60.0	1920	1922	1923
65.0	1548	1702	1856
70.0	1670	1720	1769
75.0	1737	1857	1977
80.0	1561	1722	1882
85.0	1642	1506	1369
90.0	-	-	-

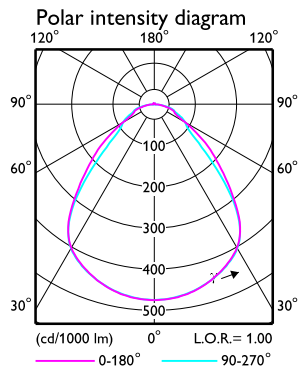
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 850 PSU 1xLED W30L120 OC CAU

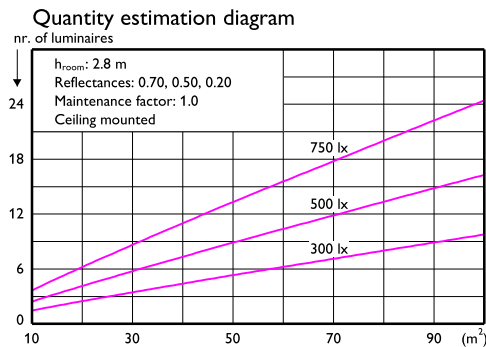
1 x 3200 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

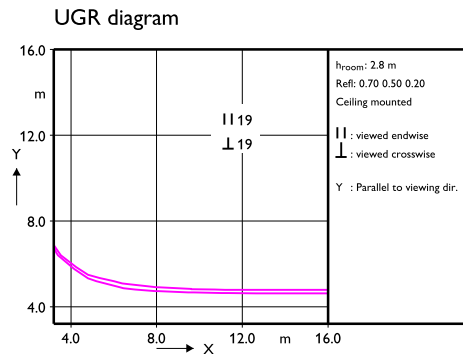
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.60	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



Luminance Table

Plane	0.0	45.0	90.0
Cone			
45.0	3734	3448	3163
50.0	3211	2749	2288
55.0	2592	2259	1926
60.0	1920	1922	1923
65.0	1548	1702	1856
70.0	1670	1720	1769
75.0	1737	1857	1977
80.0	1561	1722	1882
85.0	1642	1506	1369
90.0	-	-	-

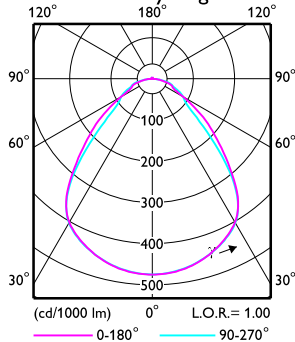
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED32 865 PSD 1xLED W30L120 OC CAU

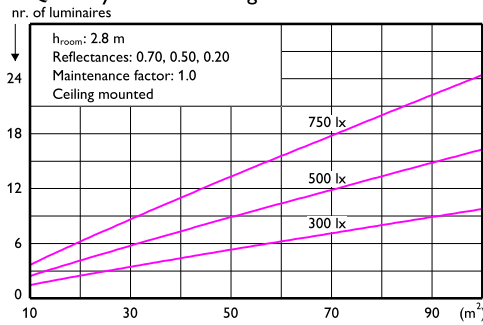
1 x 3200 lm

Polar intensity diagram

Light output ratio 1.00
Service upward 0.01
Service downward 0.99

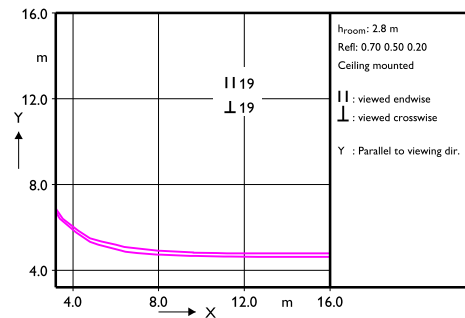
CIE flux code 63 88 97 99 100

UGR_{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	0.00
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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.58	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 Cone	0.0	45.0	90.0
45.0	3734	3448	3163
50.0	3211	2749	2288
55.0	2592	2259	1926
60.0	1920	1922	1923
65.0	1548	1702	1856
70.0	1670	1720	1769
75.0	1737	1857	1977
80.0	1561	1722	1882
85.0	1642	1506	1369
90.0	-	-	-

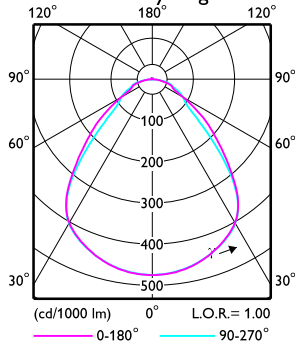
(cd/m²)

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RC099V G3 LED32 865 PSU 1xLED W30L120 OC CAU

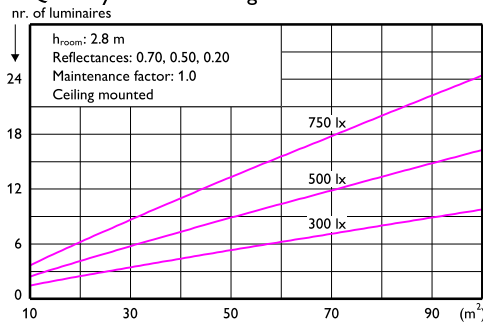
1 x 3200 lm

Polar intensity diagram

Light output ratio 1.00
Service upward 0.01
Service downward 0.99

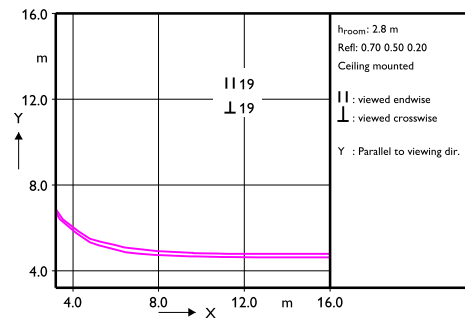
CIE flux code 63 88 97 99 100

UGR_{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	0.00
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	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00
0.60	0.58	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 Cone	0.0	45.0	90.0
45.0	3734	3448	3163
50.0	3211	2749	2288
55.0	2592	2259	1926
60.0	1920	1922	1923
65.0	1548	1702	1856
70.0	1670	1720	1769
75.0	1737	1857	1977
80.0	1561	1722	1882
85.0	1642	1506	1369
90.0	-	-	-

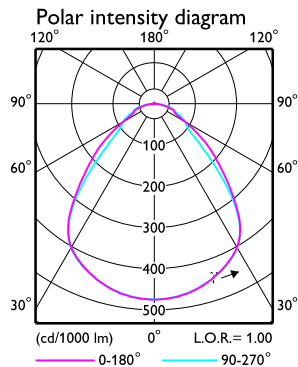
(cd/m²)

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2023-06-19

RC099V G3 LED34 840 PSD 1xLED W30L120 OC CAU HE

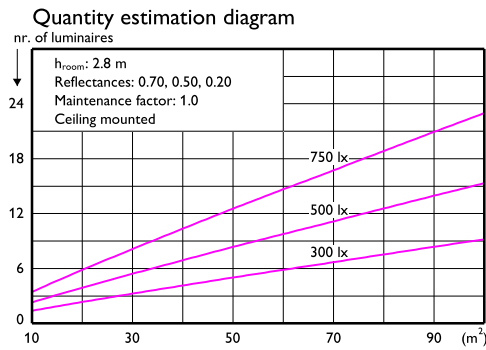
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

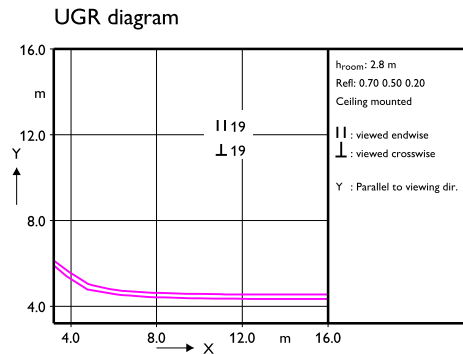
CIE flux code 63 88 97 99 100

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
0.60	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

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

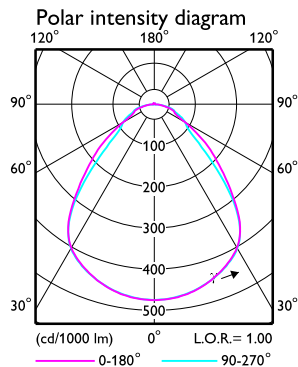
(cd/m²)

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RC099V G3 LED34 840 PSD 1xLED W30L120 OC CAU

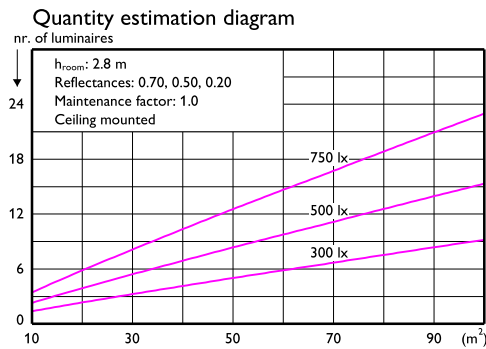
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

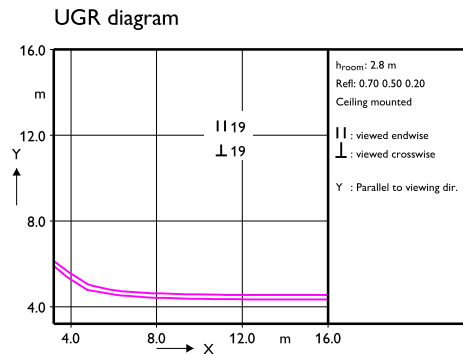
CIE flux code 63 88 97 99 100

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
0.60	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

**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

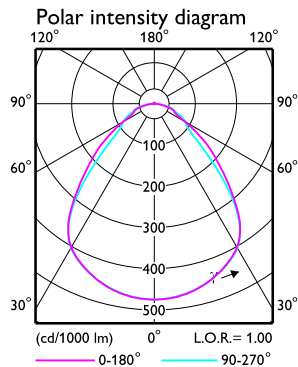
(cd/m²)

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RC099V G3 LED34 840 PSU 1xLED W30L120 OC CAU HE

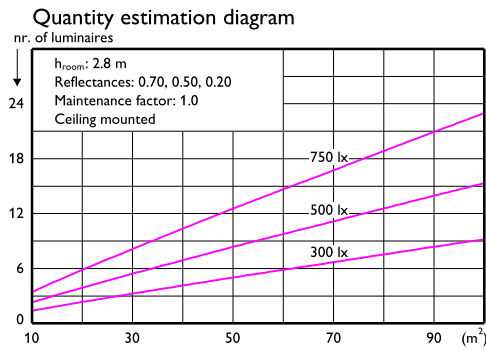
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

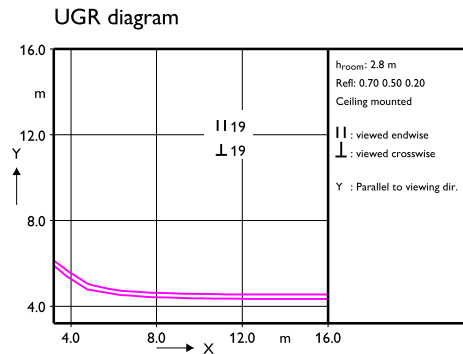
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.60	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



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

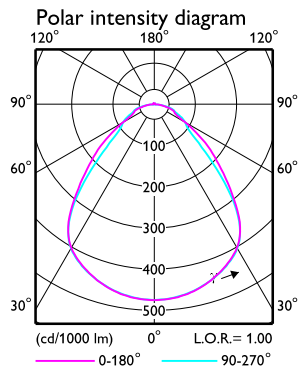
(cd/m²)

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2023-06-19

RC099V G3 LED34 840 PSU 1xLED W30L120 OC CAU

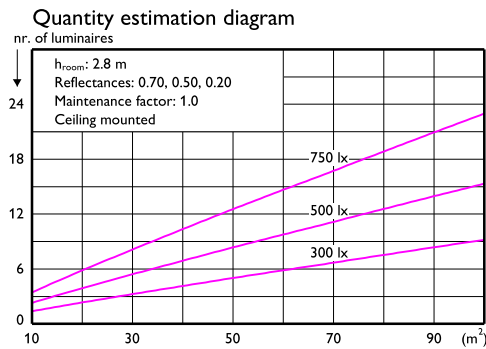
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

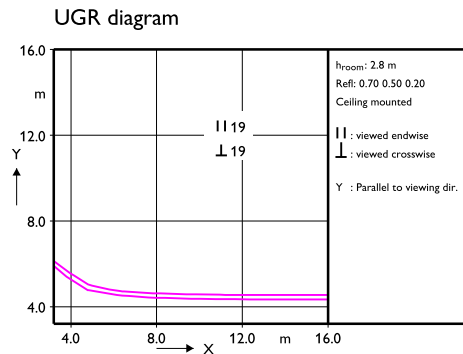
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.60	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



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

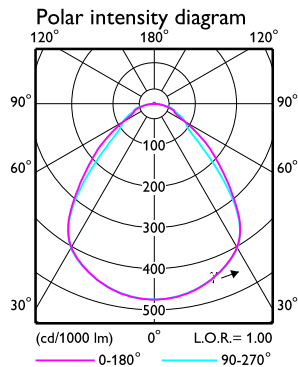
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 840 PSU 1xLED W30L120 OC NZ

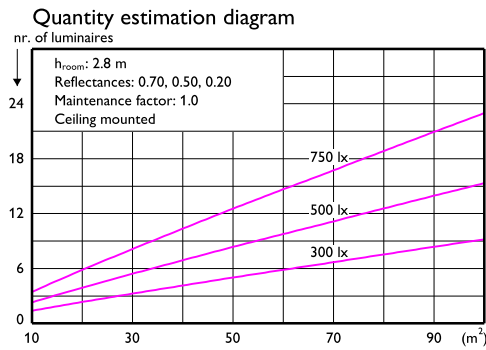
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

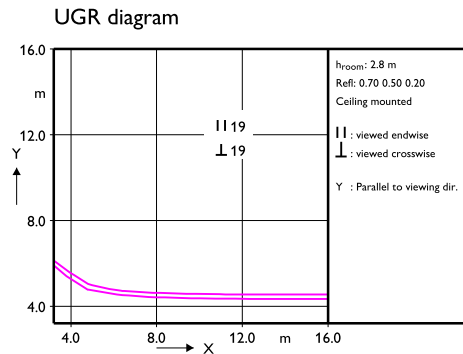
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.60	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



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

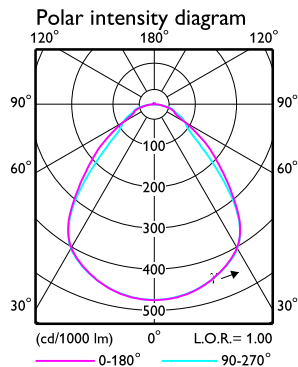
(cd/m²)

E03-201803

2023-06-19

RC099V G3 LED34 850 PSD 1xLED W30L120 OC CAU

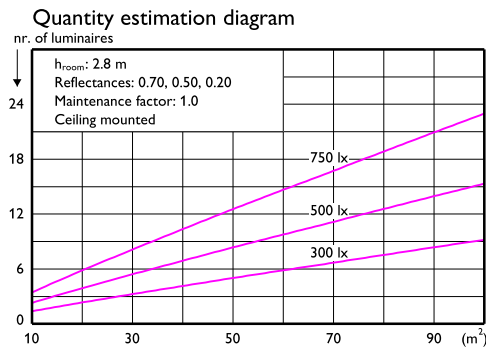
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

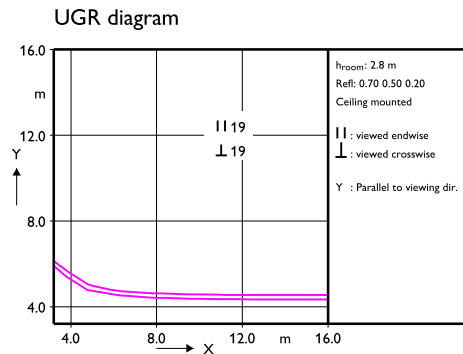
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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
0.60	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



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

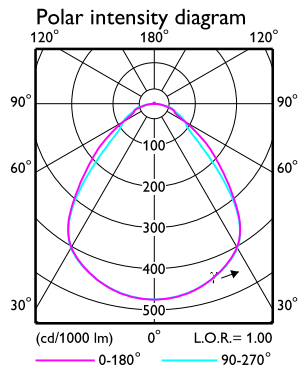
(cd/m²)

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RC099V G3 LED34 850 PSU 1xLED W30L120 OC CAU

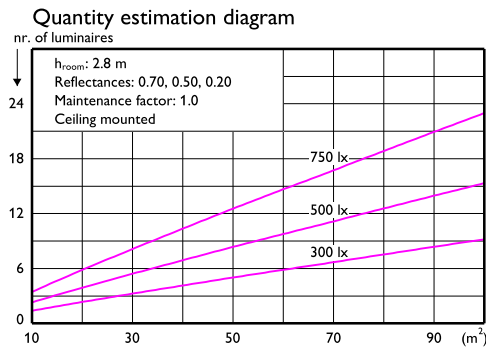
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

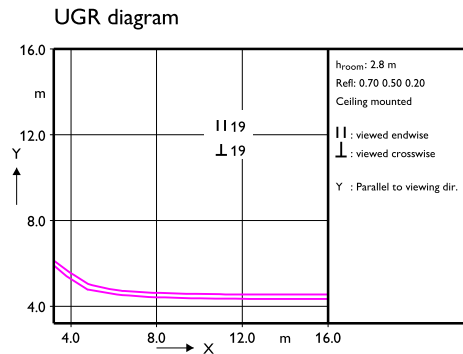
CIE flux code 63 88 97 99 100

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
0.60	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	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

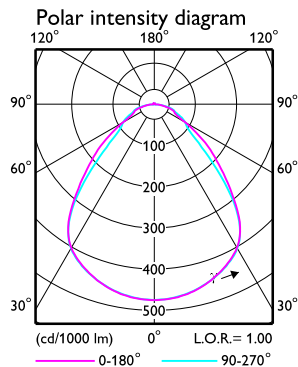
(cd/m²)

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RC099V G3 LED34 850 PSU 1xLED W30L120 OC

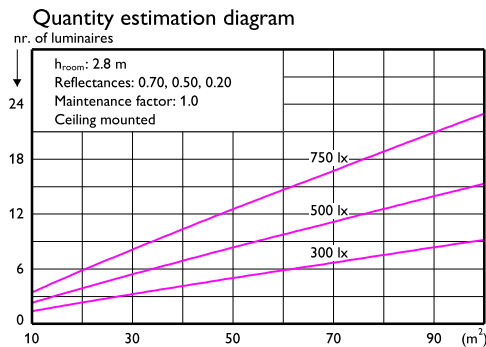
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

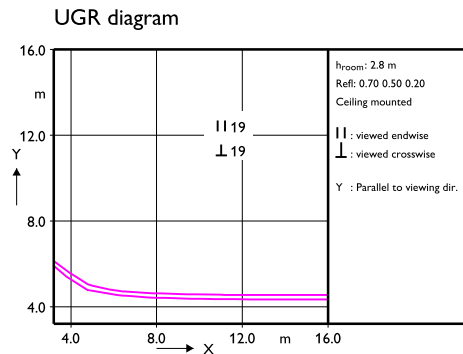
CIE flux code 63 88 97 99 100

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
0.60	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	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

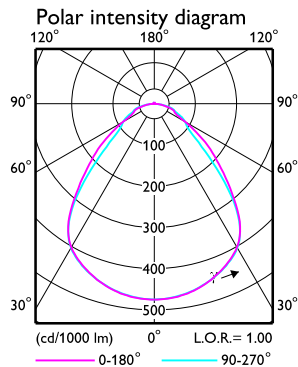
(cd/m²)

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RC099V G3 LED34 865 PSD 1xLED W30L120 OC CAU

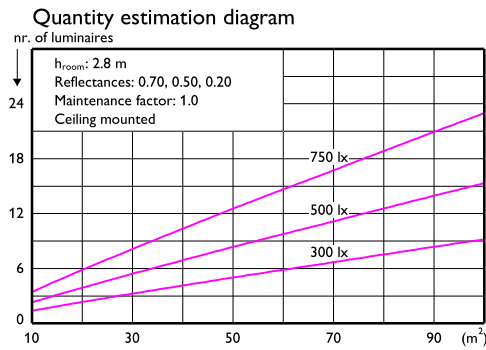
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

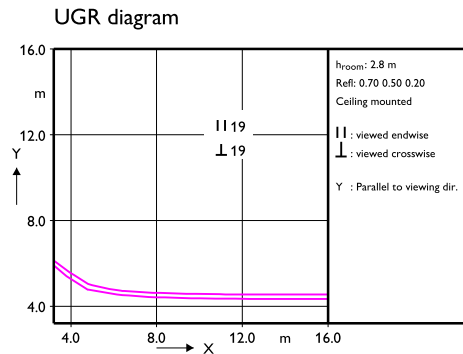
CIE flux code 63 88 97 99 100

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

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	3968	3664	3360
45.0	3412	2921	2431
50.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

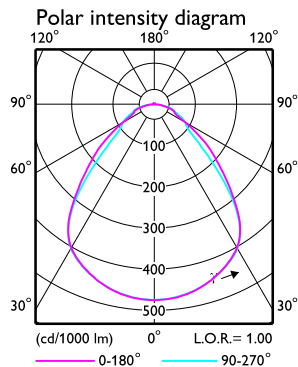
(cd/m²)

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RC099V G3 LED34 865 PSU 1xLED W30L120 OC CAU

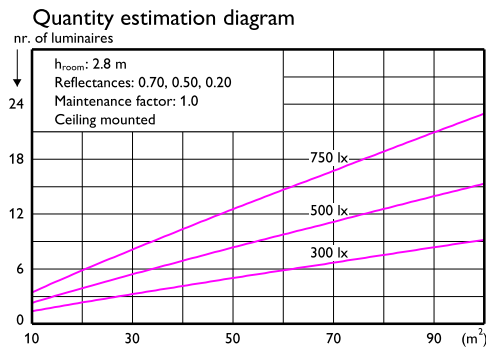
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

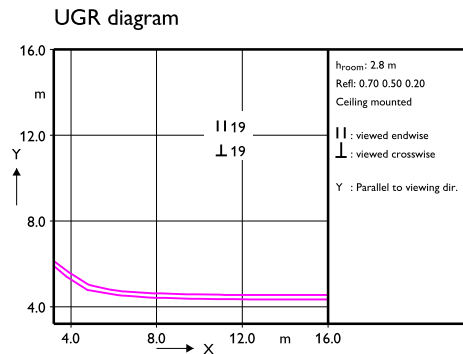
CIE flux code 63 88 97 99 100

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

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	3968	3664	3360
45.0	3412	2921	2431
50.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

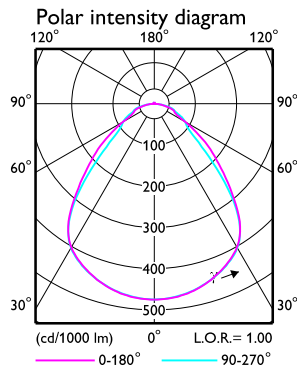
(cd/m²)

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RC099V G3 LED34 865 PSU 1xLED W30L120 OC NZ

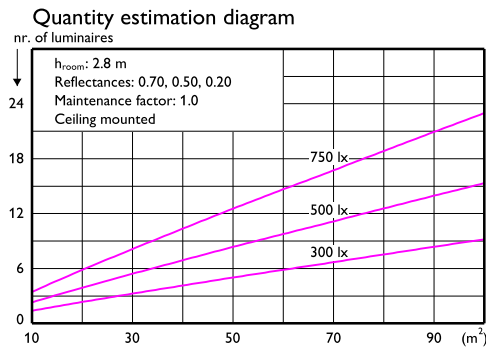
1 x 3400 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

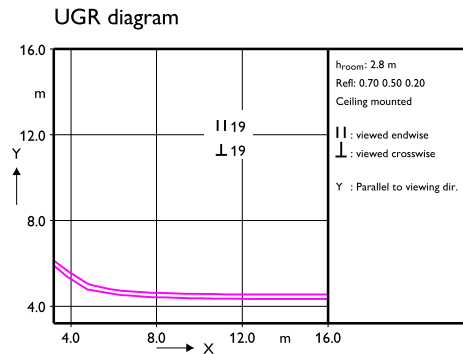
UGR_{cen} (4Hx8H, 0.25H) 18
EN12464-1 65 deg, 3000 cd/m²



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	3968	3664	3360
50.0	3412	2921	2431
55.0	2754	2400	2046
60.0	2040	2042	2044
65.0	1645	1809	1972
70.0	1774	1827	1880
75.0	1846	1973	2101
80.0	1659	1829	2000
85.0	1745	1600	1455
90.0	-	-	-

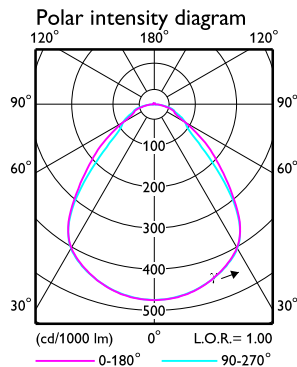
(cd/m²)

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2023-06-19

RC099V G3 LED36 840 PSD 1xLED W30L120 OC HE

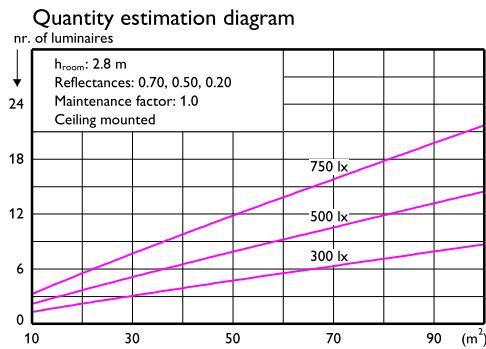
1 x 3600 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

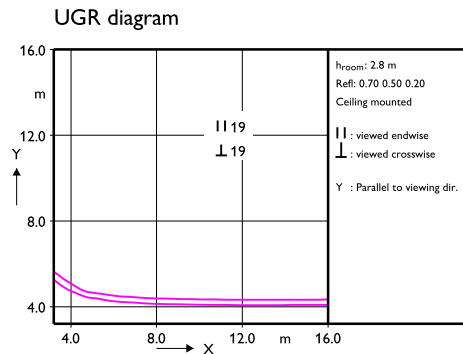
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4201	3880	3558
50.0	3612	3093	2574
55.0	2916	2541	2167
60.0	2160	2162	2164
65.0	1742	1915	2088
70.0	1879	1935	1991
75.0	1955	2090	2225
80.0	1757	1937	2117
85.0	1848	1694	1540
90.0	-	-	-

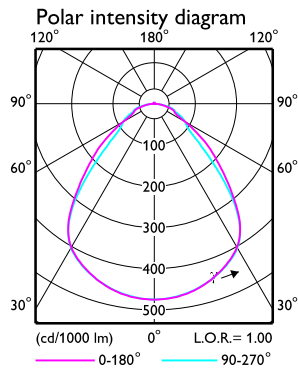
(cd/m²)

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RC099V G3 LED36 840 PSD 1xLED W30L120 OC

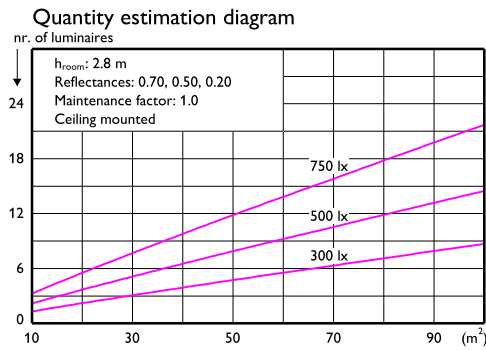
1 x 3600 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

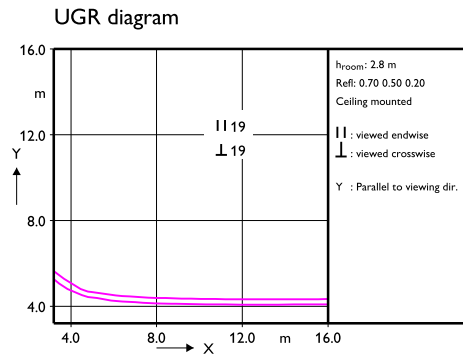
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4201	3880	3558
50.0	3612	3093	2574
55.0	2916	2541	2167
60.0	2160	2162	2164
65.0	1742	1915	2088
70.0	1879	1935	1991
75.0	1955	2090	2225
80.0	1757	1937	2117
85.0	1848	1694	1540
90.0	-	-	-

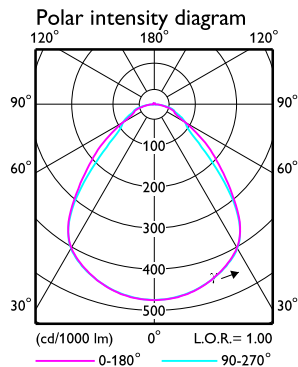
(cd/m²)

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RC099V G3 LED36 840 PSU 1xLED W30L120 OC HE

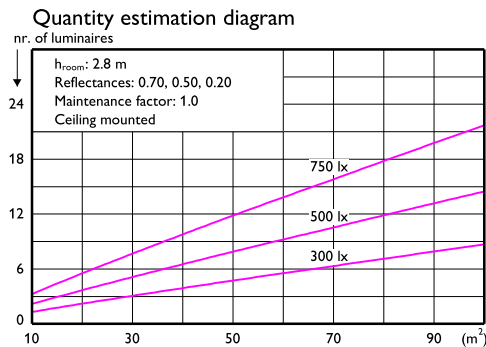
1 x 3600 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

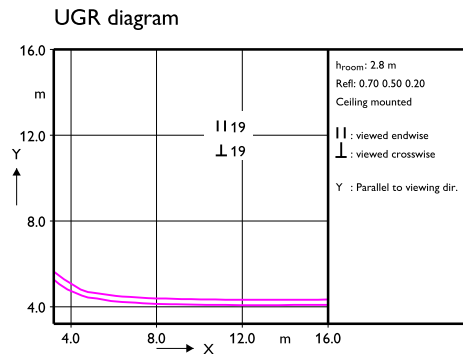
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4201	3880	3558
50.0	3612	3093	2574
55.0	2916	2541	2167
60.0	2160	2162	2164
65.0	1742	1915	2088
70.0	1879	1935	1991
75.0	1955	2090	2225
80.0	1757	1937	2117
85.0	1848	1694	1540
90.0	-	-	-

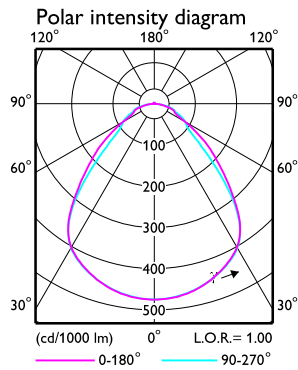
(cd/m²)

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RC099V G3 LED36 840 PSU 1xLED W30L120 OC

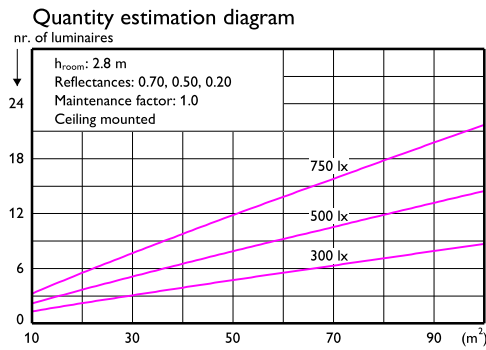
1 x 3600 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

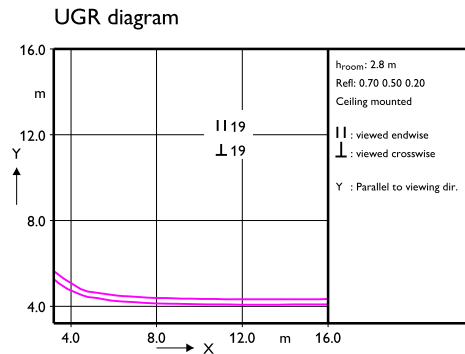
CIE flux code 63 88 97 99 100

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

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	45.0	4201	3880
45.0	3612	3093	2574
55.0	2916	2541	2167
60.0	2160	2162	2164
65.0	1742	1915	2088
70.0	1879	1935	1991
75.0	1955	2090	2225
80.0	1757	1937	2117
85.0	1848	1694	1540
90.0	-	-	-

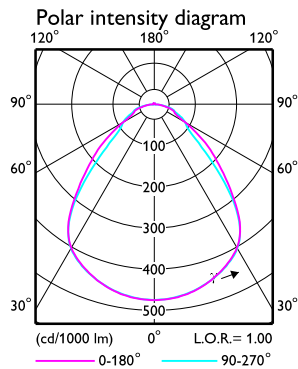
(cd/m²)

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RC099V G3 LED36 850 PSU 1xLED W30L120 OC

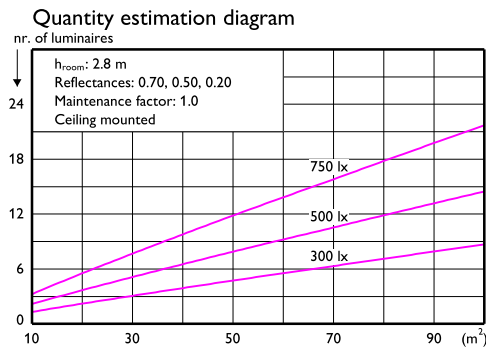
1 x 3600 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

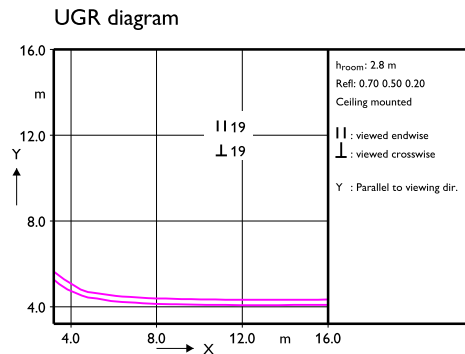
CIE flux code 63 88 97 99 100

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

Ceiling mounted

**Luminance Table**

Plane	0.0	45.0	90.0
Cone	45.0	4201	3880
45.0	3612	3093	2574
55.0	2916	2541	2167
60.0	2160	2162	2164
65.0	1742	1915	2088
70.0	1879	1935	1991
75.0	1955	2090	2225
80.0	1757	1937	2117
85.0	1848	1694	1540
90.0	-	-	-

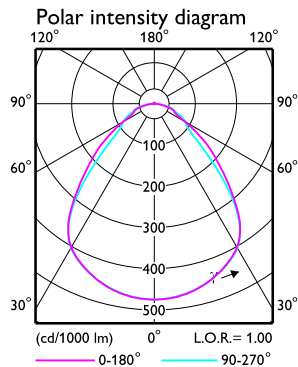
(cd/m²)

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RC099V G3 LED36 865 PSU 1xLED W30L120 OC

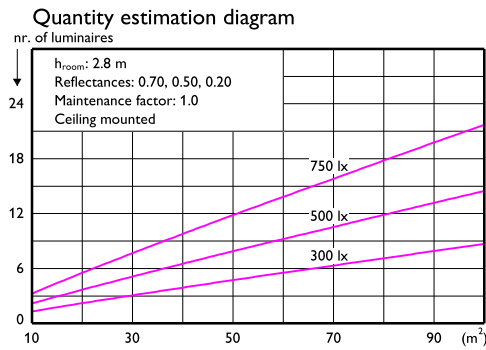
1 x 3600 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

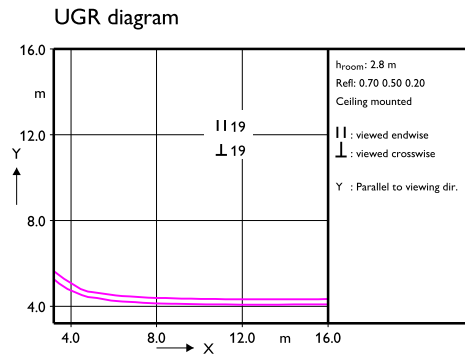
UGR_{cen} (4Hx8H, 0.25H) 19
EN12464-1 65 deg, 3000 cd/m²



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
0.60	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	4201	3880	3558
50.0	3612	3093	2574
55.0	2916	2541	2167
60.0	2160	2162	2164
65.0	1742	1915	2088
70.0	1879	1935	1991
75.0	1955	2090	2225
80.0	1757	1937	2117
85.0	1848	1694	1540
90.0	-	-	-

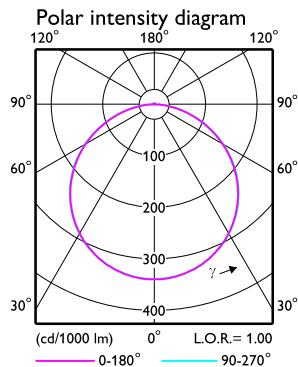
(cd/m²)

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RC099V G3 LED38 840 PSD 1xLED W30L120 HE

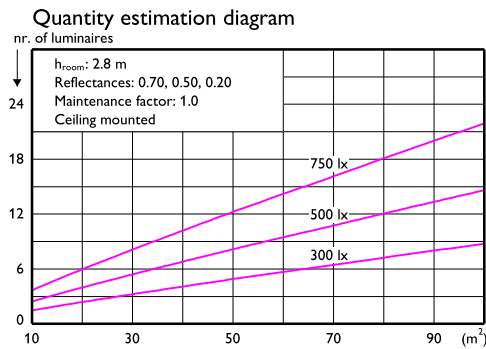
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

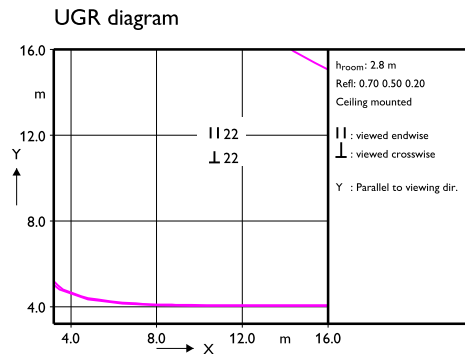
UGR_{cen} (4Hx8H, 0.25H) 22



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

Ceiling mounted



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

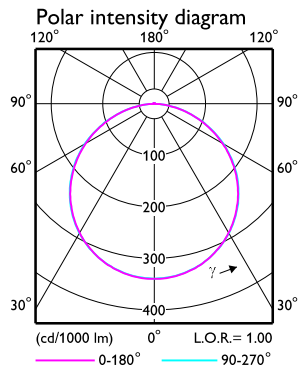
(cd/m²)

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RC099V G3 LED38 840 PSD 1xLED W30L120 NZ

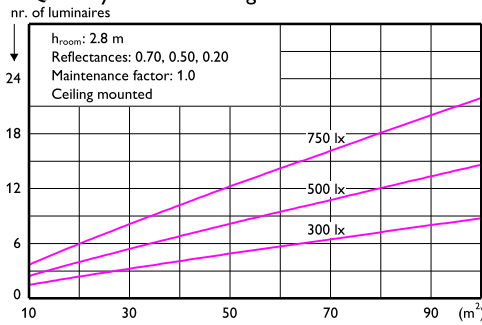
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

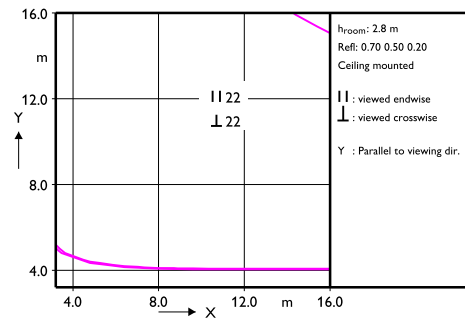
CIE flux code 46 78 95 99 100

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	0.62	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

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

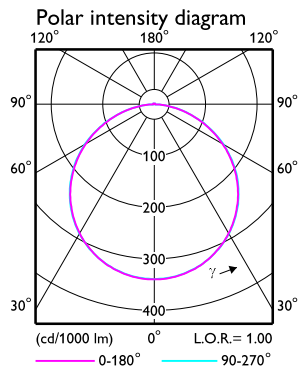
(cd/m²)

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RC099V G3 LED38 840 PSD 1xLED W30L120

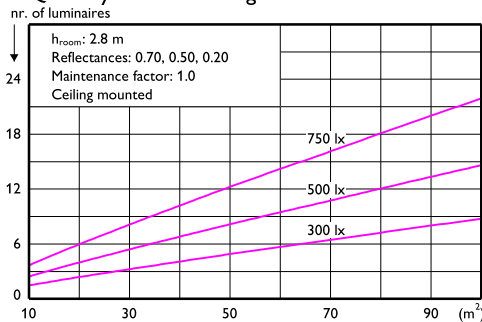
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

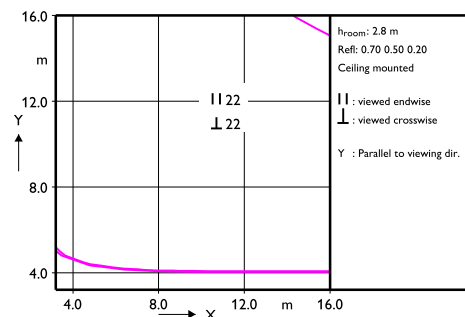
CIE flux code 46 78 95 99 100

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	0.62	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

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

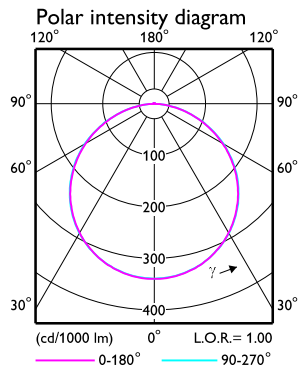
(cd/m²)

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RC099V G3 LED38 840 PSU 1xLED W30L120 HE

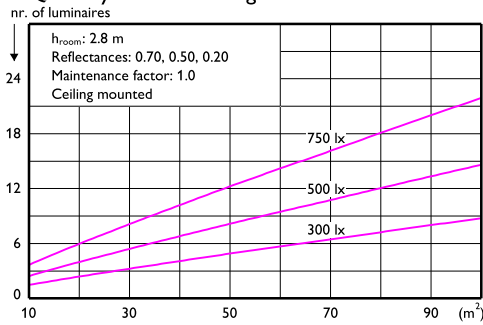
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

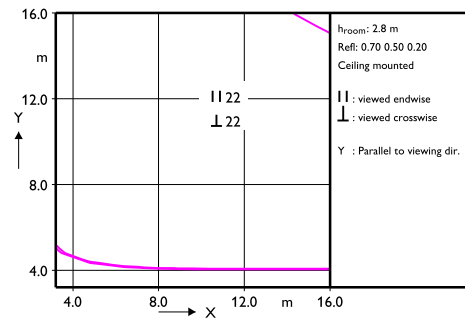
CIE flux code 46 78 95 99 100

UGR_{cen} (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
0.30	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

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

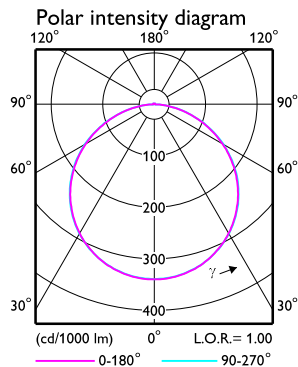
(cd/m²)

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RC099V G3 LED38 840 PSU 1xLED W30L120 NZ

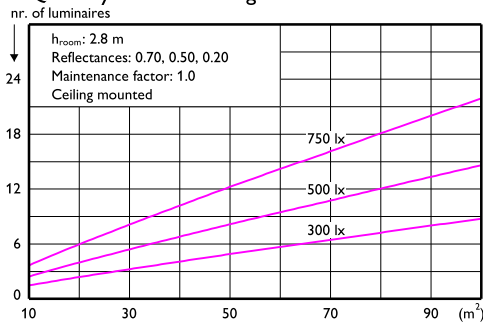
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

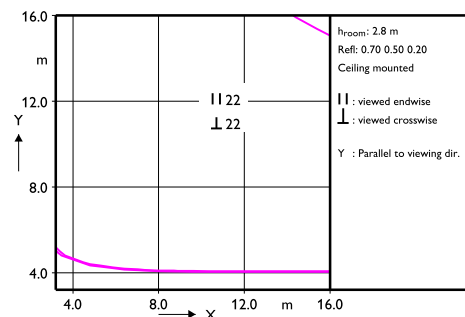
CIE flux code 46 78 95 99 100

UGR_{cen} (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
0.30	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

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

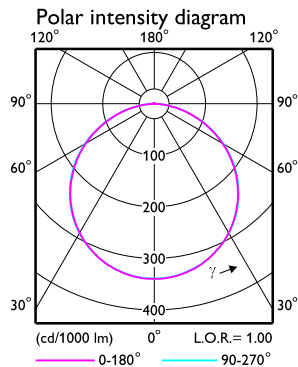
(cd/m²)

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RC099V G3 LED38 840 PSU 1xLED W30L120

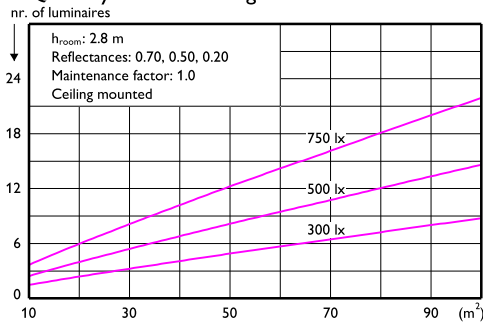
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

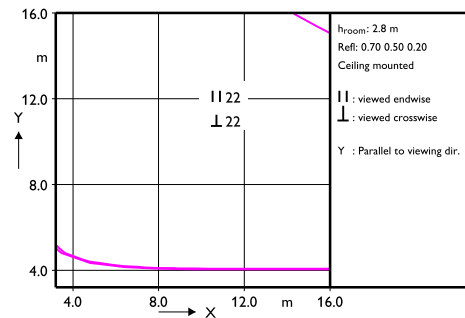
CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

Quantity estimation diagram**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80					0.70					0.50				
	0.80	0.50	0.30	0.10	0.00	0.80	0.50	0.30	0.10	0.00	0.80	0.50	0.30	0.10	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	0.36	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	0.45	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	0.52	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	0.59	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	0.65	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	0.73	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	0.78	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	0.82	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	0.87	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	0.89	0.88	0.85	0.85

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

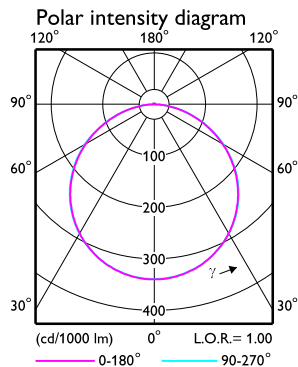
(cd/m²)

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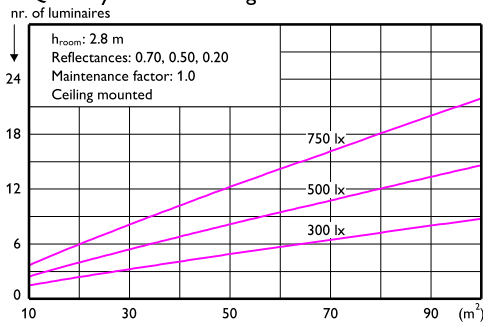
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

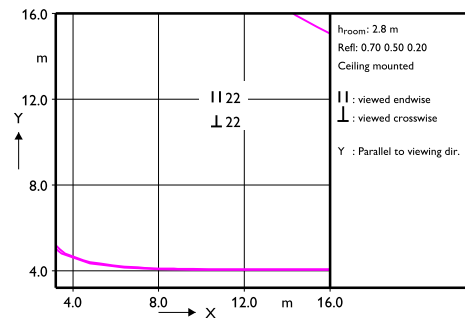
CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

Quantity estimation diagram**Utilisation factor table**

Room Index k	Reflectances for ceiling, walls and working plane (CIE)														
	0.80					0.70					0.50				
	0.80	0.50	0.30	0.10	0.00	0.80	0.50	0.30	0.10	0.00	0.80	0.50	0.30	0.10	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	0.36	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	0.45	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	0.52	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	0.59	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	0.65	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	0.73	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	0.78	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	0.82	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	0.87	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	0.89	0.88	0.85	0.85

Ceiling mounted

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

(cd/m²)

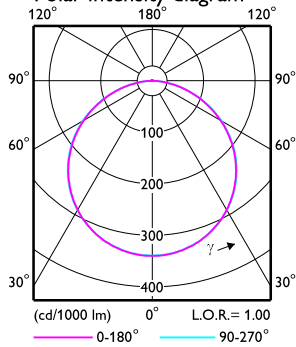
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RC099V G3 LED38 850 PSU 1xLED W30L120

1 x 3800 lm

Polar intensity diagram

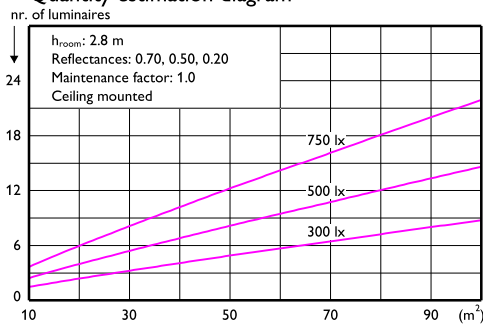


Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

Quantity estimation diagram

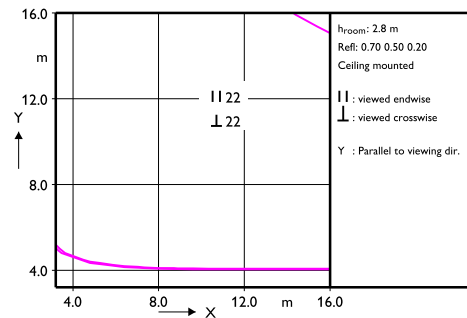


Utilisation factor table

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	0.0	45.0	90.0
Cone	45.0	4294	4310
45.0	4230	4249	4269
50.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

(cd/m²)

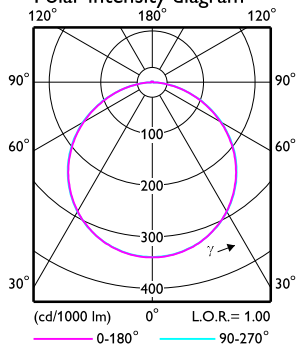
E03-201803

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RC099V G3 LED38 865 PSU 1xLED W30L120 NZ

1 x 3800 lm

Polar intensity diagram

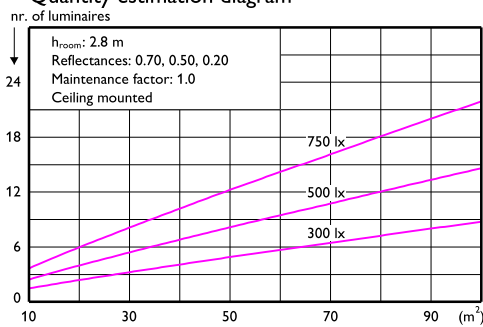


Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 46 78 95 99 100

UGRcen (4Hx8H, 0.25H) 22

Quantity estimation diagram

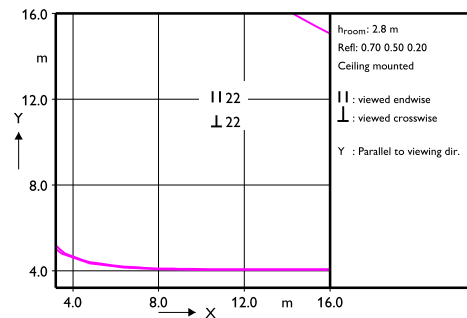


Utilisation factor table

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	0.0	45.0	90.0
Cone	45.0	4294	4310
45.0	4230	4249	4269
50.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

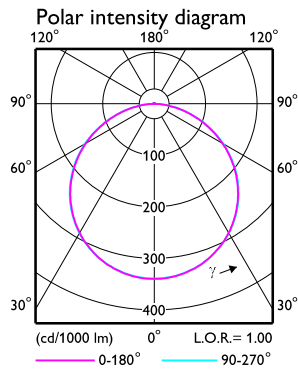
(cd/m²)

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2023-06-19

RC099V G3 LED38 865 PSU 1xLED W30L120

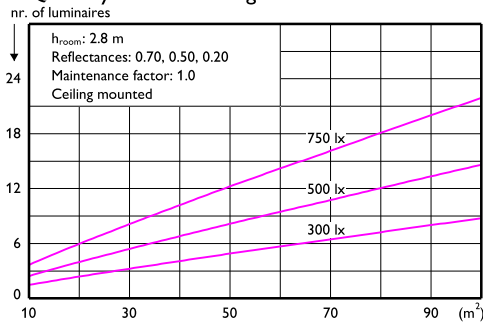
1 x 3800 lm



Light output ratio 1.00
Service upward 0.01
Service downward 0.99

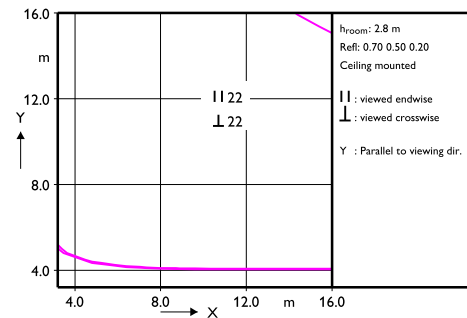
CIE flux code 46 78 95 99 100

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
0.30	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

UGR diagram**Luminance Table**

Plane Cone	0.0	45.0	90.0
45.0	4294	4310	4326
50.0	4230	4249	4269
55.0	4153	4175	4197
60.0	4049	4074	4098
65.0	3914	3941	3968
70.0	3730	3761	3793
75.0	3492	3526	3559
80.0	3198	3230	3263
85.0	2756	2786	2816
90.0	-	-	-

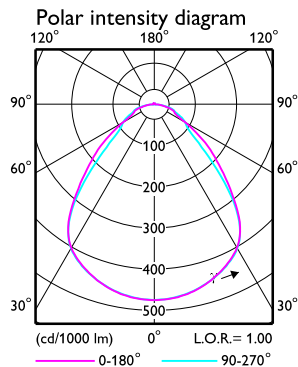
(cd/m²)

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RC099V G3 LED48 840 PSU 1xLED W30L120 OC

1 x 4800 lm

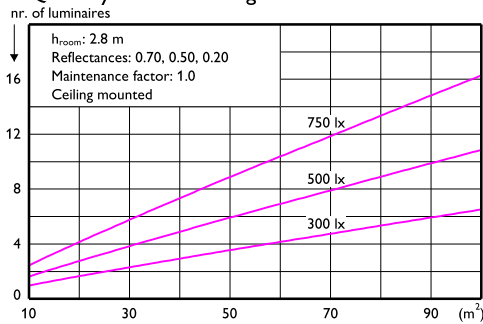


Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

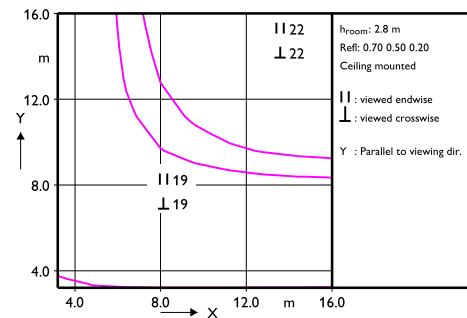
UGRcen (4Hx8H, 0.25H) 20

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	0.00
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	0.58	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 Cone	0.0	45.0	90.0
45.0	5602	5173	4744
50.0	4816	4124	3432
55.0	3888	3388	2889
60.0	2880	2883	2885
65.0	2322	2553	2784
70.0	2505	2579	2654
75.0	2606	2786	2966
80.0	2342	2582	2823
85.0	2463	2259	2054
90.0	-	-	-

(cd/m²)

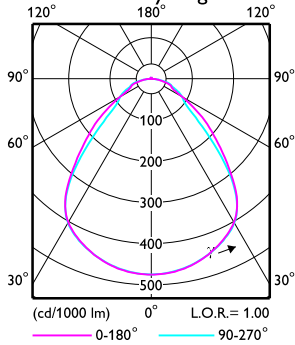
E03-201803

2023-06-19

RC099V G3 LED48 850 PSU 1xLED W30L120 OC

1 x 4800 lm

Polar intensity diagram

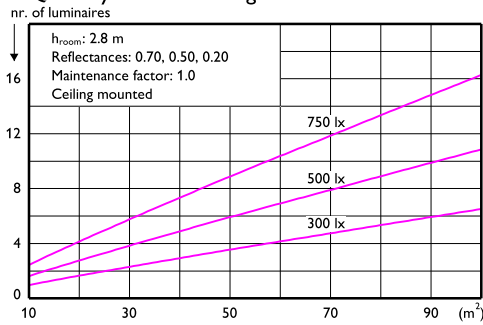


Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

UGR_{cen} (4Hx8H, 0.25H) 20
EN12464-1 65 deg, 3000 cd/m²

Quantity estimation diagram

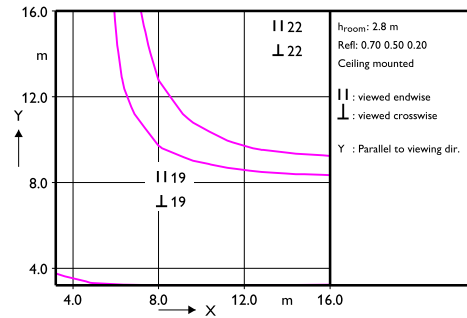


Utilisation factor table

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	0.00
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	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.42
1.00	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.50
1.25	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
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 Cone	0.0	45.0	90.0
45.0	5602	5173	4744
50.0	4816	4124	3432
55.0	3888	3388	2889
60.0	2880	2883	2885
65.0	2322	2553	2784
70.0	2505	2579	2654
75.0	2606	2786	2966
80.0	2342	2582	2823
85.0	2463	2259	2054
90.0	-	-	-

(cd/m²)

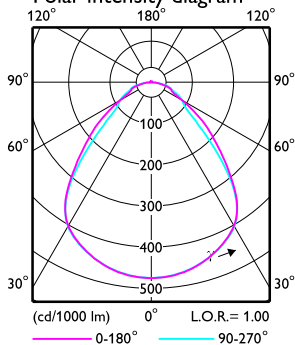
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RC099V G3 LED48 865 PSU 1xLED W30L120 OC

1 x 4800 lm

Polar intensity diagram

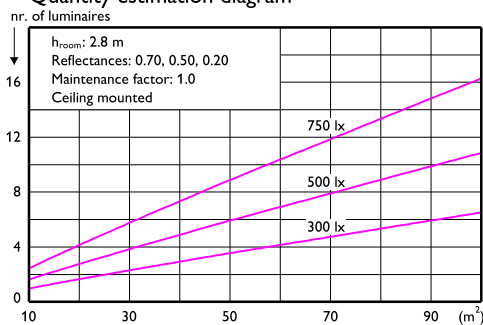


Light output ratio 1.00
Service upward 0.01
Service downward 0.99

CIE flux code 63 88 97 99 100

UGR_{cen} (4Hx8H, 0.25H) 20
EN12464-1 65 deg, 3000 cd/m²

Quantity estimation diagram

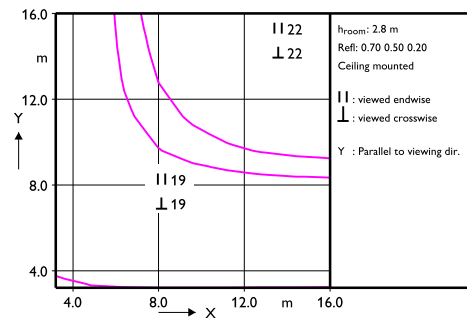


Utilisation factor table

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	0.00
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	0.58	0.56	0.58	0.56	0.55	0.49	0.48	0.44	0.48	0.44	0.42	0.42
1.00	0.69	0.64	0.67	0.66	0.64	0.57	0.57	0.53	0.56	0.52	0.50	0.50
1.25	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
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 Cone	0.0	45.0	90.0
45.0	5602	5173	4744
50.0	4816	4124	3432
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85.0	2463	2259	2054
90.0	-	-	-

(cd/m²)

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