

CoreView Panel

RC165V LED34S/840 PSU W60L60

LED Module, system flux 3400 lm - 840 neutral white -
Power supply unit - Width 0.60 m, length 0.60 m

People appreciate indoor spaces that are easy on the eye and at the same time refreshing to the mind. This is especially relevant for spaces where you want to ensure a relaxing yet energizing atmosphere, e.g. in working environments, retail and healthcare. CoreView Panel is a LED-based luminaire with an innovative, slim shape that delivers a uniform surface of light – a truly attractive proposition. Suitable for recessed (lay-in only) and suspended mounting, the range offers a choice of sizes, color temperatures and DALI dimming. In addition, it comes with all the benefits of LED technology: it is, for example, long-lasting and energy-efficient. In short, CoreView Panel represents an excellent deal for those looking for pleasant and efficient lighting.

People appreciate indoor spaces that are easy on the eye and at the same time refreshing to the mind. This is especially relevant for spaces where you want to ensure a relaxing yet energizing atmosphere, e.g. in working environments, retail and healthcare. CoreView Panel is a LED-based luminaire with an innovative, slim shape that delivers a uniform surface of light – a truly attractive proposition. Suitable for recessed (lay-in only) and suspended mounting, the range offers a choice of sizes, color temperatures and DALI dimming. In addition, it comes with all the benefits of LED technology: it is, for example, long-lasting and energy-efficient. In short, CoreView Panel represents an excellent deal for those looking for pleasant and efficient lighting.

PHILIPS

Product data

• General Information

Number of light sources	1 pc
Lamp family code	LED Module, system flux 3400 lm
Light source color	840 neutral white
Light source replaceable	No
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Luminaire light beam spread	110°
Connection	Push-in connector and pull relief
Protection class IEC	Safety class II
Flammability mark	For mounting on normally flammable surfaces
Safety device	SC [Safety cable]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	-
Product family code	RC165V

• Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz

• Controls and Dimming

Dimmable	No
----------	----

• Mechanical and Housing

Geometry	Width 0.60 m, length 0.60 m
Housing Material	Steel

• Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

• Initial Performance (IEC Compliant)

Initial luminous flux	3400 lm
-----------------------	---------

Initial LED luminaire efficacy	83 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	41 W

• Over Time Performance (IEC Compliant)

Median useful life L90B50	20000 h
Median useful life L80B50	40000 h
Median useful life L70B50	65000 h
Driver failure rate at 5000 h	0.38 %

• Application Conditions

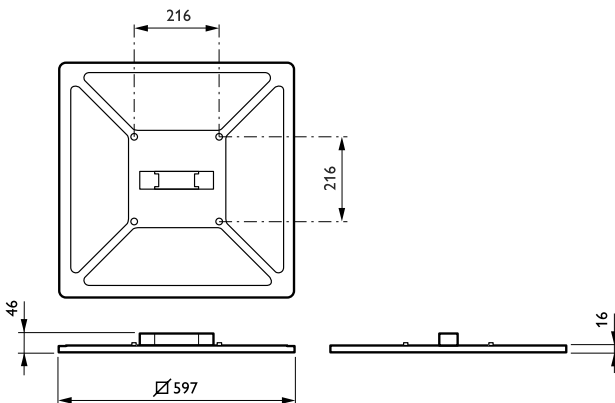
Ambient temperature range	+10 to +40 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

• Product Data

Full product code	871869606717800
Order product name	RC165V LED34S/840 PSU W60L60
EAN/UPC - Product	8718696067178
Order code	910503910029
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910503910029
Net Weight (Piece)	4.500 kg



Dimensional drawing

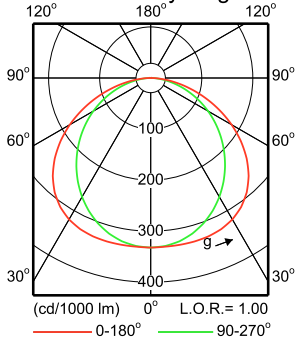




RC165V W60L60 1xLED34S/830 PSU

1 x 3400 lm

Polar intensity diagram



Light output ratio 1.00
 Service upward 0.00
 Service downward 1.00

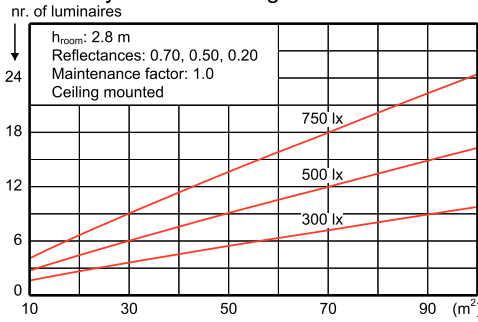
CIE flux code 46 78 95 100 100

S/H ratio crosswise max. 1.6
 lengthwise max. 1.7

UGR_{cen} (4Hx8H, 0.25H) 22
 UTE71-121: 1.00E + 0.00T

LVC1140460

Quantity estimation diagram

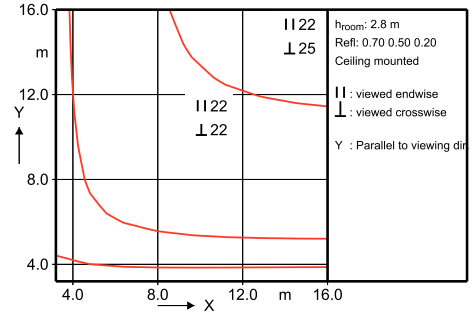


Utilisation factor table

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	0.47	0.45	0.47	0.46	0.45	0.37	0.32	0.36	0.32	0.30		
0.80	0.58	0.55	0.57	0.56	0.54	0.46	0.41	0.45	0.40	0.38		
1.00	0.67	0.62	0.66	0.64	0.62	0.53	0.48	0.52	0.48	0.46		
1.25	0.76	0.70	0.74	0.71	0.69	0.61	0.56	0.60	0.55	0.53		
1.50	0.82	0.75	0.80	0.77	0.74	0.66	0.61	0.65	0.61	0.58		
2.00	0.92	0.83	0.90	0.86	0.82	0.75	0.70	0.73	0.70	0.67		
2.50	0.99	0.88	0.96	0.91	0.86	0.80	0.76	0.79	0.76	0.73		
3.00	1.04	0.91	1.01	0.95	0.90	0.84	0.81	0.83	0.80	0.77		
4.00	1.10	0.95	1.07	1.00	0.94	0.89	0.86	0.87	0.85	0.82		
5.00	1.14	0.98	1.10	1.03	0.97	0.92	0.90	0.90	0.88	0.85		

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4524	3913	3390
50.0	4501	3841	3289
55.0	4432	3745	3180
60.0	4315	3615	3058
65.0	4140	3457	2913
70.0	3913	3254	2734
75.0	3622	3002	2524
80.0	3273	2702	2247
85.0	2854	2340	1948
90.0	-	-	-

(cd/m²)

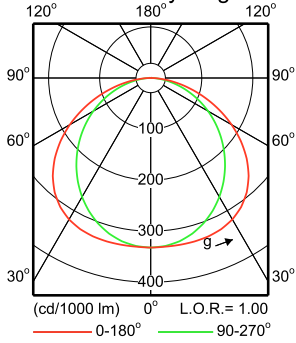
2014-06-10



RC165V W60L60 1xLED34S/840 PSU

1 x 3400 lm

Polar intensity diagram



Light output ratio 1.00
 Service upward 0.00
 Service downward 1.00

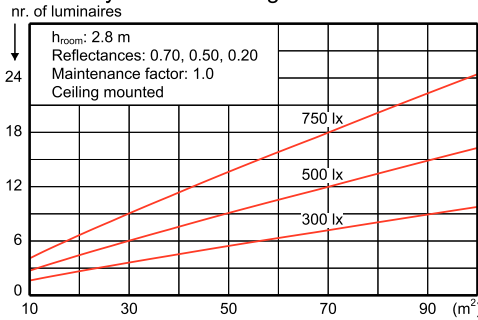
CIE flux code 46 78 95 100 100

S/H ratio crosswise max. 1.6
 lengthwise max. 1.7

UGRcen (4Hx8H, 0.25H) 22
 UTE71-121: 1.00E + 0.00T

LVC1140460

Quantity estimation diagram

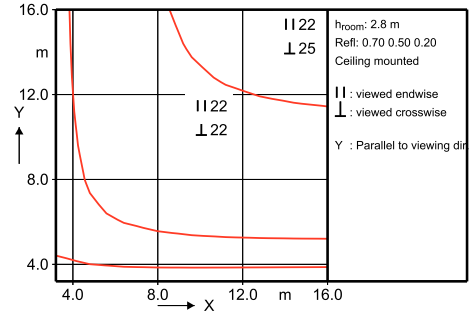


Utilisation factor table

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	0.47	0.45	0.47	0.46	0.45	0.37	0.32	0.36	0.32	0.30		
0.80	0.58	0.55	0.57	0.56	0.54	0.46	0.41	0.45	0.40	0.38		
1.00	0.67	0.62	0.66	0.64	0.62	0.53	0.48	0.52	0.48	0.46		
1.25	0.76	0.70	0.74	0.71	0.69	0.61	0.56	0.60	0.55	0.53		
1.50	0.82	0.75	0.80	0.77	0.74	0.66	0.61	0.65	0.61	0.58		
2.00	0.92	0.83	0.90	0.86	0.82	0.75	0.70	0.73	0.70	0.67		
2.50	0.99	0.88	0.96	0.91	0.86	0.80	0.76	0.79	0.76	0.73		
3.00	1.04	0.91	1.01	0.95	0.90	0.84	0.81	0.83	0.80	0.77		
4.00	1.10	0.95	1.07	1.00	0.94	0.89	0.86	0.87	0.85	0.82		
5.00	1.14	0.98	1.10	1.03	0.97	0.92	0.90	0.90	0.88	0.85		

Ceiling mounted

UGR diagram



Luminance Table

Plane Cone	0.0	45.0	90.0
45.0	4524	3913	3390
50.0	4501	3841	3289
55.0	4432	3745	3180
60.0	4315	3615	3058
65.0	4140	3457	2913
70.0	3913	3254	2734
75.0	3622	3002	2524
80.0	3273	2702	2247
85.0	2854	2340	1948
90.0	-	-	-

(cd/m²)

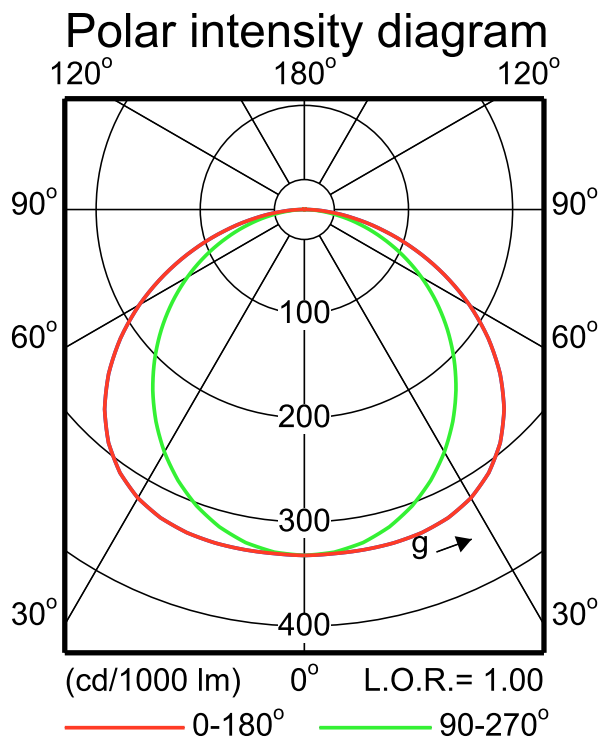
2014-06-10

Photometric data



RC165V W60L60 1xLED34S/830 PSU

1 x 3400 lm



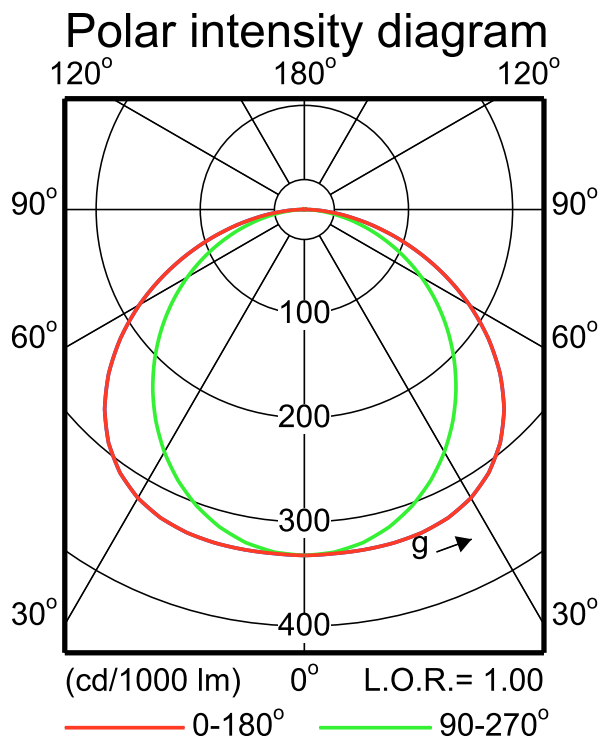
LVC1140460

2014-06-10



RC165V W60L60 1xLED34S/840 PSU

1 x 3400 lm



LVC1140460

2014-06-10

IFPC1_RC165V W60L60 1xLED34S840 PSU.EPS



© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, June 3
data subject to change