



Create comfort and satisfaction for your office

PowerBalance G4

PowerBalance G4 (RC650 range) is a complete office lighting family which creates a modern, flexible, and comfortable environment that fosters creativity and innovation. It provides multiple control options (Interact office, Interact pro, POE) to make your office energy efficient and easy to manage.

Benefits

- \cdot Nice and creative outlook design to fit different office application environments
- Multiple control interfaces to fit high end office lighting solutions
- \cdot High lm/w to offer better energy saving

Features

- \cdot High energy efficacy at 136lm/w
- \cdot CRI90- Conformity to WELL
- Multiple control interface available

Application

 \cdot Office lighting

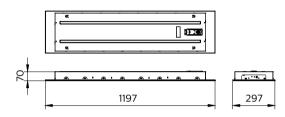
Specifications

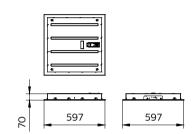
Ceiling type	T-bar ceiling	Dimming	PSU: non-dimmable	
Mains Voltage 220-240V/ 50-60Hz		-	PSD: Dimmable via Dali-broadcasting	
		-	WIA: Wireless control, compatible with Interact	
			SIA: Wireless control, compatible with Interact with SNS210	
			sensor	
		Integrated sensors	SNS210	

PowerBalance G4

Material	Housing: metal sheet	C	Color Rendering index - 840, 865, 940, 965	
Main color of the	White	c	CRI	
luminaire		R	Risk Group	RG1
Lumen maintenance a	t L70B50	In	ngress protection	IP20
median useful life		U	JGR	16
50.000h		In	nstallation	Recessed

Dimensional drawing





PowerBalance G4

General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Optic type	Reflector
Operating and Electrical	
Line Frequency	50 or 60 Hz
Suitable for random switching	No
Mechanical and Housing	
Optical cover type	Polycarbonate
Housing Color	White
Mech. impact protection code	IK03
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on
	normally
	flammable
	surfaces
Glow-wire test	Temperature 650
	°C, duration 30 s
Initial Performance (IEC Compliant	-
Initial chromaticity	SDCM<3
Luminous flux tolerance	+/-10%
Over Time Performance (IEC Comp	
Median useful life L80B50	50,000 hour(s)

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
911401548861	RC650B LED40S865	6500 K	>80	142.9 lm/W	4,100 lm
	PSU W30L120				
911401549061	RC650B LED40S840	4000 K	>80	142.9 lm/W	4,100 lm
	PSU W30L120				
911401549161	RC650B LED40S840	4000 K	>80	140.4 lm/W	4,100 lm
	PSD W30L120				
911401556761	RC650B LED40S940	4000 K	>90	135.3 lm/W	3,950 lm
	PSD W30L120				
911401557961	RC650B LED40S9 TWH	-	>90	131.7 lm/W	3,950 lm
	W30L120				
911401558361	RC650B LED40S940	4000 K	>90	135.3 lm/W	3,950 lm
	PSD W30L120 CAU				
911401548461	RC650B LED40S865	6500 K	>80	142.9 lm/W	4,100 lm
	PSU W60L60				
911401548661	RC650B LED40S840	4000 K	>80	142.9 lm/W	4,100 lm
	PSU W60L60				
911401548761	RC650B LED40S840	4000 K	>80	140.4 lm/W	4,100 lm
	PSD W60L60				
911401549761	RC650B LED40S840	4000 K	>80	138.7 lm/W	4,855 lm
	PSU W60L60 TWN				
911401554061	RC650B LED40S8 TWH	-	>80	136.7 lm/W	4,100 lm
	W60L60				
911401557861	RC650B LED40S9 TWH	-	>90	131.7 lm/W	3,950 lm
	W60L60				
911401558161	RC650B LED40S940	4000 K	>90	135.3 lm/W	3,950 lm
	PSD W60L60 CAU				
911401580161	RC650B LED40S965	6500 K	>90	135.3 lm/W	3,950 lm
	PSD W60L60				

Operating and Electrical

		Protection class		Power			Protection cla	iss
Order Code	Full Product Name	IEC	Input Voltage	Consumption	Order Code	Full Product Name	IEC	
911401548861	RC650B	Safety class I	220 to 240 V	28.7 W	911401557961	RC650B LED40S9	Safety class II	
	LED40S865 PSU					TWH W30L120		
	W30L120				911401558361	RC650B	Safety class I	
911401549061	RC650B	Safety class I	220 to 240 V	28.7 W		LED40S940 PSD		
	LED40S840 PSU					W30L120 CAU		
	W30L120				911401548461	RC650B	Safety class I	
911401549161	RC650B	Safety class I	220 to 240 V	29.2 W		LED40S865 PSU		
	LED40S840 PSD					W60L60		
	W30L120				911401548661	RC650B	Safety class I	
911401556761	RC650B	Safety class I	220 to 240 V	29.2 W		LED40S840 PSU		
	LED40S940 PSD					W60L60		
	W30L120							

PowerBalance G4

		Protection class		Power	
Order Code	Full Product Name	IEC	Input Voltage	Consumption	Order Code
911401548761	RC650B	Safety class I	220 to 240 V	29.2 W	9114015578
	LED40S840 PSD				
	W60L60				9114015581
11401549761	RC650B	Safety class I	100 to 277 V	35 W	
	LED40S840 PSU				
	W60L60 TWN				9114015801
11401554061	RC650B LED40S8	Safety class II	220 to 240 V	30 W	
	TWH W60L60				

Full Product Name	IEC Safety class II	Input Voltage	•
	Safety class II	220 to 240 V	
		220 to 240 V	30 W
WH W60L60			
RC650B	Safety class I	220 to 240 V	29.2 W
ED40S940 PSD			
W60L60 CAU			
RC650B	Safety class I	220 to 240 V	29.2 W
ED40S965 PSD			
W60L60			
- - - - - -	ED40S940 PSD /60L60 CAU C650B ED40S965 PSD	C650B Safety class I ED40S940 PSD /60L60 CAU C650B Safety class I ED40S965 PSD	C650B Safety class I 220 to 240 V ED40S940 PSD /60L60 CAU C650B Safety class I 220 to 240 V ED40S965 PSD

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
911401548861	RC650B LED40S865 PSU W30L120	No	Not applicable
911401549061	RC650B LED40S840 PSU W30L120	No	Not applicable
911401549161	RC650B LED40S840 PSD W30L120	Yes	Programmable
911401556761	RC650B LED40S940 PSD W30L120	Yes	Programmable
911401557961	RC650B LED40S9 TWH W30L120	Yes	1%
911401558361	RC650B LED40S940 PSD W30L120	Yes	Programmable
	CAU		
911401548461	RC650B LED40S865 PSU W60L60	No	Not applicable
911401548661	RC650B LED40S840 PSU W60L60	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
911401548761	RC650B LED40S840 PSD W60L60	Yes	Programmable
911401549761	RC650B LED40S840 PSU W60L60	No	Not applicable
	TWN		
911401554061	RC650B LED40S8 TWH W60L60	Yes	1%
911401557861	RC650B LED40S9 TWH W60L60	Yes	1%
911401558161	RC650B LED40S940 PSD W60L60	Yes	Programmable
	CAU		
911401580161	RC650B LED40S965 PSD W60L60	Yes	Programmable

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Median useful life L90B50
911401548861	RC650B LED40S865 PSU W30L120	37,045 hour(s)
911401549061	RC650B LED40S840 PSU W30L120	37,045 hour(s)
911401549161	RC650B LED40S840 PSD W30L120	33,817 hour(s)
911401556761	RC650B LED40S940 PSD W30L120	33,817 hour(s)
911401557961	RC650B LED40S9 TWH W30L120	33,817 hour(s)
911401558361	RC650B LED40S940 PSD W30L120 CAU	33,817 hour(s)
911401548461	RC650B LED40S865 PSU W60L60	37,045 hour(s)

Order Code	Full Product Name	Median useful life L90B50
911401548661	RC650B LED40S840 PSU W60L60	37,045 hour(s)
911401548761	RC650B LED40S840 PSD W60L60	33,817 hour(s)
911401549761	RC650B LED40S840 PSU W60L60 TWN	37,045 hour(s)
911401554061	RC650B LED40S8 TWH W60L60	33,817 hour(s)
911401557861	RC650B LED40S9 TWH W60L60	33,817 hour(s)
911401558161	RC650B LED40S940 PSD W60L60 CAU	33,817 hour(s)
911401580161	RC650B LED40S965 PSD W60L60	33,817 hour(s)



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