PowerBalance G4

RC650X LED40/BioUPD W30L120 SIA S2

PowerBalance G4, 124.82352941176471 lm/W, Tunable White
Bio-up Cyan Enhanced Spectrum CRI80, InterAct office

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.

Product data

General Information

Number of gear units	1 unit
Gear	–
Driver included	Yes
Light source engine type	LED
Value ladder	Specification
Warranty period	3 years

Light Technical

Luminous Flux	4,244 lm
Correlated Color Temperature (Nom)	Tunable White
Luminous Efficacy (rated) (Nom)	124.82352941176471 lm/W
Color rendering index (CRI)	80
Number of light sources	4
Beam angle of light source	88 degree(s)
Light source color	Tunable White Bio-up Cyan Enhanced Spectrum CRI80
Optic type	Opal
Luminaire light beam spread	88°

Unified glare rating CEN	16

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	15.2 A
Inrush time	0.292 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	–
Cable	Cable 0.2 m without plug
Number of products on MCB of 16 A type B	24
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Wireless Dim
Control interface	InterAct office

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Maximum dim level	1%

Mechanical and Housing

Housing Material	Aluminium
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Mounting device	Recessed mounting box square
Optical cover finish	Opal
Overall length	1,197 mm
Overall width	297 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 297 x 1197 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Opal
Net Weight (Piece)	4.290 kg

Approval and Application

Glow-wire test	Temperature 650 ℃, duration 30 s
Flammability mark	–

CE mark	Yes
ENEC mark	–
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	No
Performance ambient temperature Tq	25 ℃
Ambient temperature range	–20 to +40 ℃

Initial Performance (IEC Compliant)

Luminous flux tolerance	–10% / +10%
Power consumption tolerance	+/-10%

Product Data

Order product name	RC650X LED40/BioUPD W30L120 SIA S2
Full product name	RC650X LED40/BioUPD W30L120 SIA S2
Order code	911401568146
Material Nr. (12NC)	911401568146
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2

Dimensional drawing

www.lighting.philips.com

2026, January 8 – data subject to change