



DOUBLEPOWER!! AIR

EXTREMELY EFFECTIVE

LINE LED LUMINAIRE FOR LESS

DEMANDING OPERATIONS

DOUBLEPOWER!! AIR

- luminaire efficacy up to 184 lm/W
- Effective heat removal thanks to special ribbed aluminum body
- Life-span of the luminaire 80.000 hours (L80B10)
- Possible to connect modules to one another
 - various performance variations
- 8 years warranty

doublepower!!
industrial lighting | intelligent | efficient



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Primary characteristics

- The most effective substitute for fluorescent luminaires in less demanding industrial environments, logistics operations, and retail
- High luminaire efficacy of 172–184 lm/W according to the optics used
- Responsibly designed aluminum body for effective heat removal
- Available in version HE (High Efficiency) and HO (High Output)
- Various performance variations
- Optional correlated colour temperature 2700–6500 K
- IP 43 enclosure rating
- Primary lighting characteristics of 40°, 60°, 90° and 110°, asymmetric characteristic available
- Front enclosure in clear or diffuse versions
- Quick and easy installation

Modularity and variability

We offer doublepower!! AIR luminaires in basic HE and HO versions. Version HE maximizes luminaire efficiency up to 184 lm/W. Version HO maximizes the luminous flux emitted by the luminaire and its efficiency is 176 lm/W. The luminaire is available in five performance variations for each version.

Luminaire construction

The luminaire's simple, pragmatic, and aesthetic design limits dust buildup and supports speedy heat removal from LED chips and drivers. Although we created doublepower!! AIR for less demanding applications, we still paid the utmost attention to the high-quality design of its body.

Use

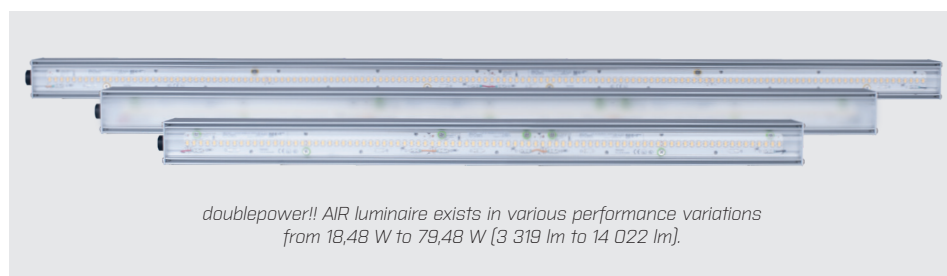
The doublepower!! AIR luminaire is made for less demanding operations in light industry, logistics, and retail. It's suitable for local lighting, inspection workplaces, and covering other areas that require both intense and high-quality lighting. Thanks to the variability of the lighting characteristics, doublepower!! AIR will successfully light rack corridors or the inner space of the racks themselves.

Optical system and front enclosure

You can choose from several lighting characteristics of the luminaire including asymmetrical settings from two front enclosures in either clear or diffuse versions.

Quick and easy installation

The spacing of the luminaire's installation points can be adapted to various suspended or track systems.



doublepower!! AIR luminaire exists in various performance variations from 18,48 W to 79,48 W (3 319 lm to 14 022 lm).

NEED ADDITIONAL INFORMATION? JUST CONTACT US. WE'LL BE HAPPY TO GIVE YOU MORE.
CALL +420 222 312 917 OR EMAIL US AT NA INFO@DOUBLEPOWER.CZ.



The luminaires use reliable LED bonds Samsung LM301B with optional correlated colour temperature 2700-6500 K. Optical system enables to choose from various lighting characteristics.



Responsibly designed ribbed aluminum body for effective heat removal. Front cover in transparent or diffused version.



Standard connector can be replaced by another tailored solution.





Specification

	2 modules	3 modules	4 modules	5 modules	6 modules
Output (HIGH EFFICIENCY TYPE)	18,48 W	27,72 W	36,96 W	46,20 W	55,44 W
Output (HIGH OUTPUT TYPE)	26,49 W	39,74 W	52,99 W	66,23 W	79,48 W
Luminous Flux of the Luminaire (HIGH EFFICIENCY TYPE) with 4 000K	3 403 lm	5 104 lm	6 805 lm	8 506 lm	10 208 lm
Luminous Flux of the Luminaire (HIGH OUTPUT TYPE) with 4 000K	4 674 lm	7 011 lm	9 349 lm	11 685 lm	14 022 lm
Efficacy of the LED chip / luminaire (HIGH EFFICIENCY TYPE)	189,56 lm/W / 184,12 lm/W				
Efficacy of the LED chip / luminaire (HIGH OUTPUT TYPE)	181,63 lm/W / 176,42 lm/W				
LED light source	Samsung LM301B LED band, 2700 – 6500K				
Life-span of the luminaire	L80B10 = 80 000 hours in Ta -25°C ~ +50°C				
Front cover	PMMA optics / diffused				
Body	Anodized Aluminium				
	Highly Efficient Thermal Management				
	Low Operating Temperatures of all Components				
Protection rating	IP43				
Operating temperatures	-25°C ~ +50°C				
Optical system	Linear lens 40° / 60° / 90° / 110° / asymmetrical versions / diffused optics				
Other	No stroboscopic effect				
	DALI/DSI smooth control, possibility to include into a complex DALI/KNX control system				
Manufacturer	doublepower!! s.r.o. Czech Republic				

Dimensions / cm (suspended luminaire)

Code	Name	Weight [kg]	Length [cm]	Width [cm]	Height [cm]
DP-AR-209-HE-SS-xxx-xx-N	doublepower!! AIR HE 19W	1,55	60	5	6,5
DP-AR-309-HE-SS-xxx-xx-N	doublepower!! AIR HE 28W	2,3	88	5	6,5
DP-AR-409-HE-SS-xxx-xx-N	doublepower!! AIR HE 37W	3,05	116	5	6,5
DP-AR-509-HE-SS-xxx-xx-N	doublepower!! AIR HE 46W	3,8	144	5	6,5
DP-AR-609-HE-SS-xxx-xx-N	doublepower!! AIR HE 56W	4,65	172	5	6,5
DP-AR-209-HE-DS-xxx-xx-N	doublepower!! AIR HE 19W, DALI	1,55	60	5	6,5
DP-AR-309-HE-DS-xxx-xx-N	doublepower!! AIR HE 28W, DALI	2,3	88	5	6,5
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DP-AR-214-HO-SS-xxx-xx-N	doublepower!! AIR HO 27W	1,55	60	5	6,5
DP-AR-314-HO-SS-xxx-xx-N	doublepower!! AIR HO 40W	2,3	88	5	6,5
DP-AR-414-HO-SS-xxx-xx-N	doublepower!! AIR HO 53W	3,05	116	5	6,5
DP-AR-514-HO-SS-xxx-xx-N	doublepower!! AIR HO 66W	3,8	144	5	6,5
DP-AR-614-HO-SS-xxx-xx-N	doublepower!! AIR HO 80W	4,65	172	5	6,5
DP-AR-214-HO-DS-xxx-xx-N	doublepower!! AIR HO 27W, DALI	1,55	60	5	6,5
DP-AR-314-HO-DS-xxx-xx-N	doublepower!! AIR HO 40W, DALI	2,3	88	5	6,5
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Lighting Characteristics

