
ACANEO

HIGH BAY LUMINAIRE





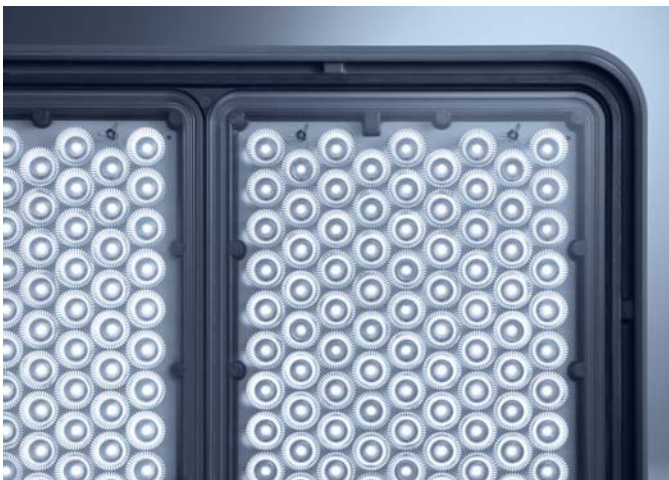
ACANEO STRONG LIGHTING PARTNER FOR ANY HEIGHT

ACANEO is the ideal solution for wide-area general lighting of buildings with high room heights: Efficient lighting in halls up to 30 metres in height. This increases the performance of staff and the quality of their work. ACANEO also provides an important contribution to a positive energy balance. Your company benefits from these factors: Social responsibility and commitment to the environment have a favourable effect on cost efficiency.

- Advanced LED technology with up to 60000 hours of service life (L80B10)
- Extremely robust die-cast aluminium housing
- Energy saving compared with conventional luminaires
- Time- and cost-saving mounting
- Thermal management with intelligent overheating protection
- Patented optics for precise light deflection
- High-quality processing according to Waldmann quality standards
- Maintenance-free
- 5-year system warranty
- Resistant to common coolants, oils and welding vapours
- Integrated constant light output (CLO)

ACANEO

ROBUST. LONG SERVICE LIFE.
EFFICIENT.



Light technology in a new dimension.

ACANEO is the right solution for different room situations: Waldmann offers the luminous flux package that matches different room heights and illuminance levels. The optics was developed with a view to achieving minimum glare and maximum homogeneity in the focus, which we managed to do convincingly (UGR < 21). This increases occupational safety, while reducing the number of accidents.



Light for extreme conditions.

ACANEO fulfills the high demands of logistics, production and storage halls: The high bay luminaire works reliably even in dusty, humid and oil-containing air. The light does not require visible cooling ribs: The risk of contamination, for example by oil particles, is clearly reduced! (Degree of protection: IP65; impact resistance up to IK10)



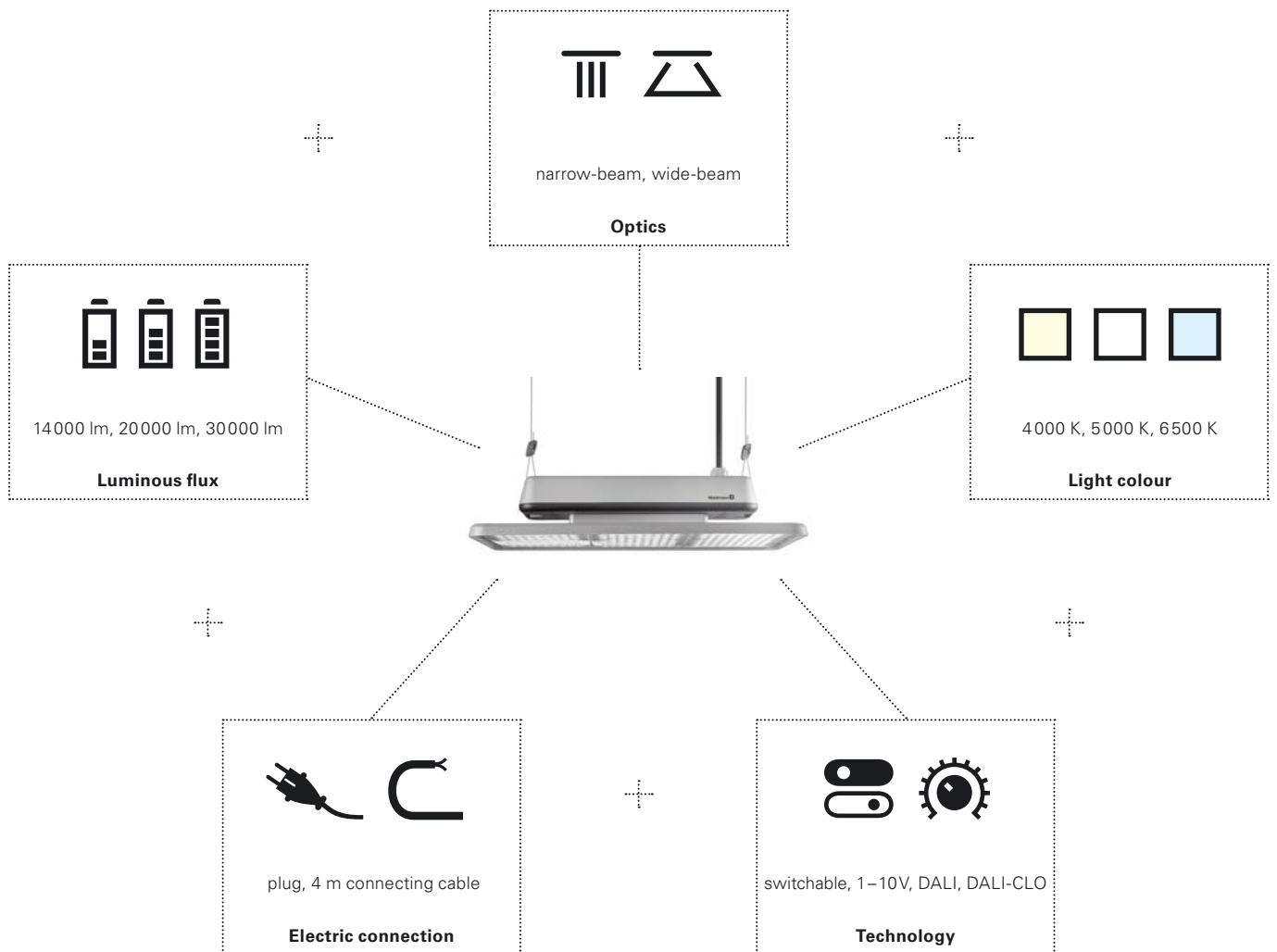
ACANEO is equipped with Constant Light Output (CLO), thus compensating the decrease in luminous flux over its entire service life. This service life of 60 000 hours remains stable even at more than 70° C – thanks to the intelligent housing concept, selective high-performance materials and thermal management. The illuminance fulfills the requirements of the standard, even when equipped with active overheating protection.

Simple mounting, high intelligence.

Compared with conventional high bay luminaires, ACANEO provides its first cost savings already prior to being put into operation: Completely premounted and equipped with mains lead, the two suspension points at the ceiling can be combined to a single-point suspension. This results in self-alignment and complete mounting of ACANEO within a few minutes. Even vibrations and air movements are no longer able to twist the luminaire.

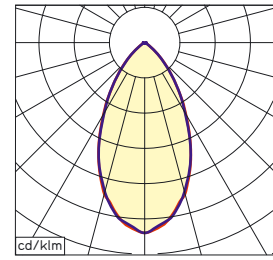
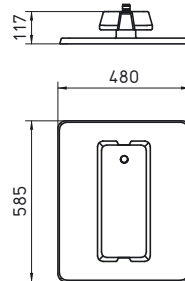
ACANEO MODULAR DESIGN SYSTEM

CUSTOMIZED LIGHTING – JUST CONFIGURE IT YOURSELF

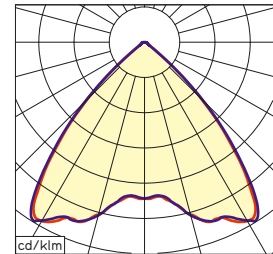


ACANEO stands for maximum flexibility: To allow you to tune the light to your room situation, the environment and the tasks to be carried out, Waldmann offers you the ACANEO configurator: Our product developers have designed ACANEO in such a way that a large number of components can be used in various combinations.

Variations in luminous flux, optics, light colour, technology and connecting cable combine to give a lighting solution tailored to your needs. In a nutshell: Our light does exactly what you want it to do!




N-optics




W-optics

ACANEO at a glance

- Net luminous flux package 30 000 lm (replaces > 700 W-HQL)
- Power consumption 230 W
- Temperature of use: -30° C to +50° C
- Residual luminous flux 80 % after 60 000 operating hours (L80B10)
- Colour temperature neutral white 4 000 K, daylight white 5 000 K and 6 500 K
- Internal individual optics/narrow-beam or wide-beam
- Robust die-cast aluminium housing
- Premounted connecting cable (4 m), (variant)
- Switchable or continuously dimmable 1 – 10 V or DALI standard
- Degree of protection IP65; protection class I
- Overvoltage resistance 4 kV
- 5-year warranty
- Dimensions housing size: 585 mm x 480 mm x 117 mm
- Weight 10.8 kg

 Production hall

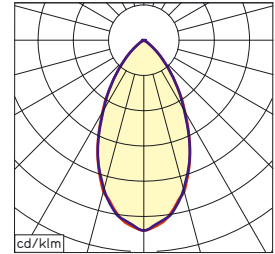
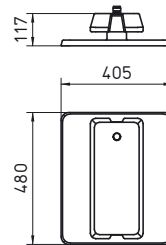
 Logistic hall

Luminous flux 30 000 lm

Further variants on request

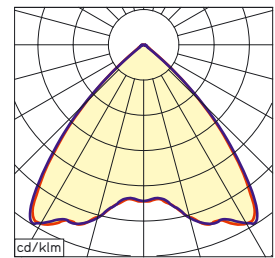
Optics	Light colour	Technology	Model	Order no. with plug
				Order no. with connection cable
narrow-beam	4 000 K	DALI	HIAL 30000/840/N/DALI	113 206 000 - 006 823 93
		switchable	HIAL 30000/840/N/EA	113 233 000 - 006 824 79
				113 331 000 - 006 926 70
narrow-beam	5 000 K	DALI	HIAL 30000/850/N/DALI	113 349 000 - 006 927 30
		switchable	HIAL 30000/850/N/EA	113 207 000 - 006 823 97
				113 234 000 - 006 824 82
wide-beam	4 000 K	DALI	HIAL 30000/840/W/DALI	113 332 000 - 006 926 73
		switchable	HIAL 30000/840/W/EA	113 350 000 - 006 927 33
				113 373 000 - 006 928 52
wide-beam	5 000 K	DALI	HIAL 30000/850/W/DALI	113 400 000 - 006 929 37
		switchable	HIAL 30000/850/W/EA	113 421 000 - 006 929 99
				113 439 000 - 006 930 57
wide-beam	5 000 K	DALI	HIAL 30000/850/W/DALI	113 374 000 - 006 928 55
		switchable	HIAL 30000/850/W/EA	113 401 000 - 006 929 40
				113 422 000 - 006 930 02
wide-beam	5 000 K	switchable	HIAL 30000/850/W/EA	113 440 000 - 006 930 60

Accessories	Description	Order No.
safety glass	585 x 480 x 125 mm	337 764 020 - 006 951 62
luminaire bracket for ceiling mounting	fixed	337 818 010 - 006 951 71
luminaire bracket for ceiling mounting	adjustable	337 818 020 - 006 951 74
luminaire bracket for wall mounting		337 763 010 - 006 825 09
1-point suspension (ceiling mounting)	wire ropes will be required	337 765 040 - 006 952 79
1-point suspension set (ceiling mounting)	1 x 1-point suspension, 2 wire rope holder, 2 wire ropes with hooks	226 234 019 - 007 011 56



cd/klm

N-optics





cd/klm



W-optics

ACANEO at a glance

- Net luminous flux package 14000 lm (replaces > 250 W-HQL)
- Net luminous flux package 20000 lm (replaces > 400 W-HQL)
- Power consumption 100 W or 160 W
- Temperature of use: -30° C to +50° C (in combination with DALI up to +60° C)
- Residual luminous flux 80 % after 60000 operating hours (L80B10)
- Colour temperature neutral white 4000 K, daylight white 5000 K and 6500 K
- Internal individual optics/narrow-beam or wide-beam
- Robust die-cast aluminium housing
- Premounted connecting cable (4 m), (variant)
- Switchable or continuously dimmable 1 – 10 V or DALI standard
- Degree of protection IP65; protection class I
- Overvoltage resistance 4 kV
- 5-year warranty
- Dimensions housing size: 480 mm x 405 mm x 117 mm
- Weight 8.2 kg



 Production hall		 Logistic hall		
Luminous flux 14 000 lm				Further variants on request
Optics	Light colour	Technology	Model	Order no. with plug Order no. with connection cable
narrow-beam	4 000 K	DALI	HIAL 14000/840/N/DALI	113 188 000 - 006 822 60
narrow-beam	4 000 K	switchable	HIAL 14000/840/N/EA	113 215 000 - 006 824 22 113 319 000 - 006 926 34
narrow-beam	5 000 K	DALI	HIAL 14000/850/N/DALI	113 189 000 - 006 822 63 113 216 000 - 006 824 25
narrow-beam	5 000 K	switchable	HIAL 14000/850/N/EA	113 320 000 - 006 926 37 113 338 000 - 006 926 92
wide-beam	4 000 K	DALI	HIAL 14000/840/W/DALI	113 355 000 - 006 927 51 113 382 000 - 006 928 79
wide-beam	4 000 K	switchable	HIAL 14000/840/W/EA	113 409 000 - 006 929 66 113 427 000 - 006 930 17
wide-beam	5 000 K	DALI	HIAL 14000/850/W/DALI	113 356 000 - 006 927 54 113 383 000 - 006 928 82
wide-beam	5 000 K	switchable	HIAL 14000/850/W/EA	113 410 000 - 006 929 69 113 428 000 - 006 930 20

 Production hall		 Logistic hall		
Luminous flux 20 000 lm				Further variants on request
Optics	Light colour	Technology	Model	Order no. with plug Order no. with connection cable
narrow-beam	4 000 K	DALI	HIAL 20000/840/N/DALI	113 197 000 - 006 822 88
narrow-beam	4 000 K	switchable	HIAL 20000/840/N/EA	113 224 000 - 006 824 52 113 325 000 - 006 926 52
narrow-beam	5 000 K	DALI	HIAL 20000/850/N/DALI	113 198 000 - 006 822 91 113 225 000 - 006 824 55
narrow-beam	5 000 K	switchable	HIAL 20000/850/N/EA	113 326 000 - 006 926 55 113 344 000 - 006 927 10
wide-beam	4 000 K	DALI	HIAL 20000/840/W/DALI	113 364 000 - 006 927 79 113 391 000 - 006 929 09
wide-beam	4 000 K	switchable	HIAL 20000/840/W/EA	113 415 000 - 006 929 84 113 433 000 - 006 930 35
wide-beam	5 000 K	DALI	HIAL 20000/850/W/DALI	113 365 000 - 006 927 82 113 392 000 - 006 929 12
wide-beam	5 000 K	switchable	HIAL 20000/850/W/EA	113 416 000 - 006 929 87 113 434 000 - 006 930 38

Variants with a temperature resistance of 70° C upon request

Accessories	Description	Order No.
safety glass	480 x 405 x 125 mm	337 764 010 - 006 825 12
luminare bracket for ceiling mounting	fixed	337 818 010 - 006 951 71
luminare bracket for ceiling mounting	adjustable	337 818 020 - 006 951 74
luminare bracket for wall mounting		337 763 010 - 006 825 09
1-point suspension (ceiling mounting)	wire ropes will be required	337 765 040 - 006 952 79
1-point suspension set (ceiling mounting)	1 x 1-point suspension, 2 wire rope holder, 2 wire ropes with hooks	226 234 019 - 007 011 56

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