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**ACANEO**  
HIGH BAY LUMINAIRE





## ACANEO

### STRONG LIGHTING PARTNER FOR ANY HEIGHT

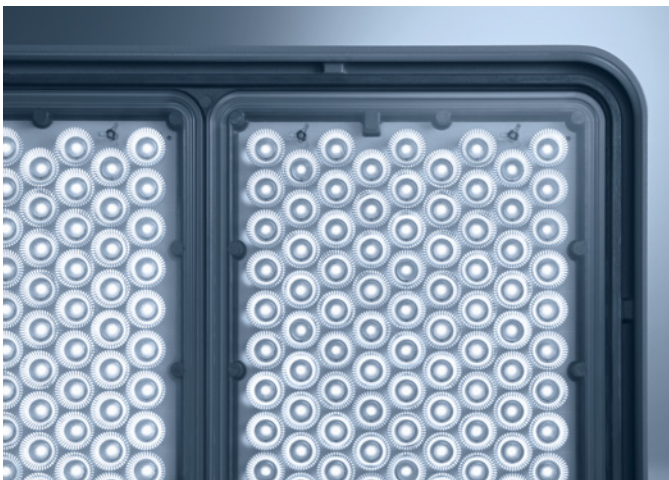
ACANEO is the ideal solution for wide-area general illumination of buildings with high room heights: We create efficient illumination in halls up to 30 metres in height. This increases the performance of staff and the quality of their work.

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 the cost-efficiency.

- Advanced LED technology with up to 60 000 hours of useful 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 lenses for precise light deflection
- High-quality processing according to Waldmann quality standards
- Maintenance-free
- Warranty: 5 years
- Resistant to common coolants, oils and welding vapours
- Integrated constant light output (CLO)

## ACANEO

ROBUST. LONG USEFUL LIFE.  
EFFICIENT.



### Light technology in a new dimension.

ACANEO is the right solution for different room situations: We offer the luminous flux package that matches different room heights and illuminance levels. The lens was developed with a view to achieving minimum glare in the focus, which we managed to do convincingly ( $UGR < 22$ ). 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 strength: IK10)

ACANEO is equipped with Constant Light Output (CLO), thus compensating the decrease in luminous flux over its entire useful life. This useful life of 60 000 hours remains stable even at more than 50 °C – thanks to the intelligent housing concept, selective high-performance materials and thermal management. The illuminance fulfills the requirements of the standard, even with active overheating protection.

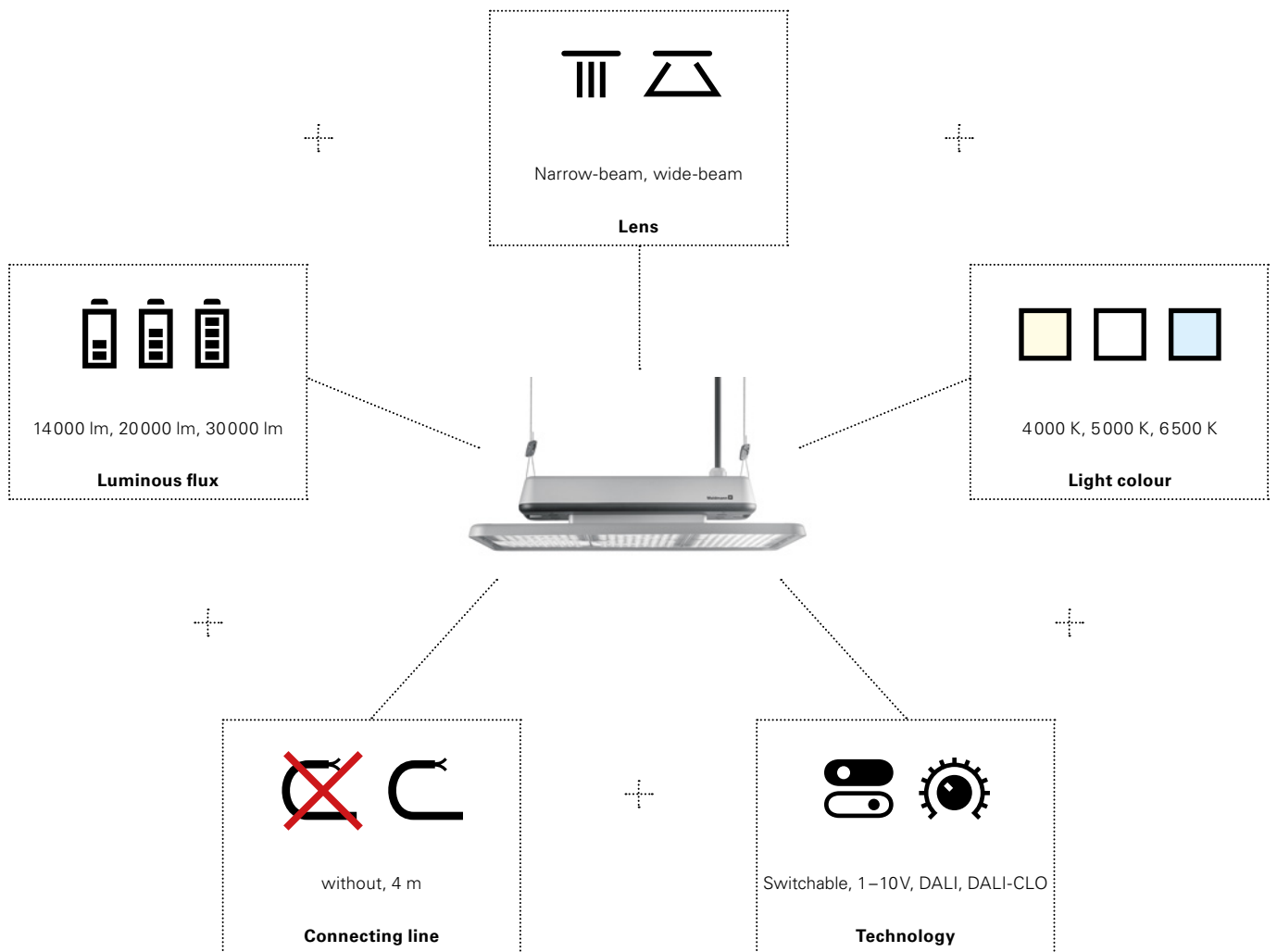


### Simple mounting, high intelligence.

Compared with conventional high bay luminaires, ACANEO provides its first cost savings already prior to start-up: Completely premounted and equipped with connecting cable, 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.

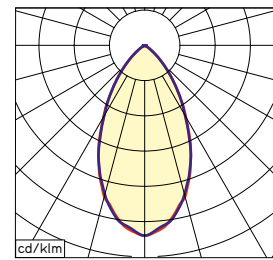
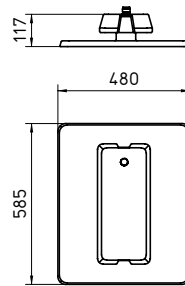
## ACANEO MODULAR DESIGN SYSTEM

### CONFIGURE YOUR LIGHT ACCORDING TO YOUR NEEDS

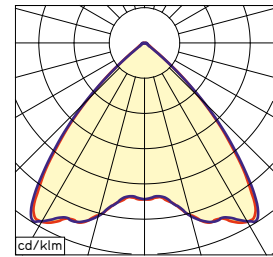


ACANEO stands for maximum flexibility: To allow you to tune the light to your room situation, the environment and the tasks to be carried out, Waldmann offers you the ACANEO configurator: Our product developers have designed ACANEO in such a way that a large number of components can be used in various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

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



N-lens




W-lens

#### ACANEO at a glance

- Net luminous flux package 30000 lm
- Power consumption 230 W
- Temperature of use: -30 °C to +50 °C
- Residual light current 80 % after 60000 operating hours (L80B10)
- Colour temperature neutral white 4000 K, daylight white 5000 K and 6500 K
- Internal individual lenses/narrow-beam or wide-beam
- Robust die-cast aluminium housing
- Premounted connecting line (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 of large housing size: 10.8 kg

 Production hall

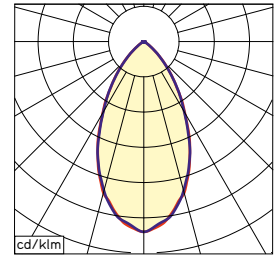
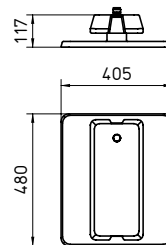
 Logistic hall

#### Luminous flux 30000 lm

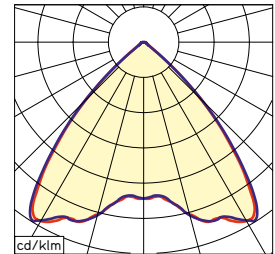
#### Further variants on request

Lens	Light colour	Technology	Model	Order no. without connecting line	Order no. with connecting line
Narrow-beam	4000 K	DALI	HIAL 30000/840/N/DALI	113 206 000 - 006 823 93	113 233 000 - 006 824 79
				113 331 000 - 006 926 70	113 349 000 - 006 927 30
		Switchable	HIAL 30000/840/N/EA	113 207 000 - 006 823 97	113 373 000 - 006 928 52
Narrow-beam	5000 K	DALI	HIAL 30000/850/N/DALI	113 234 000 - 006 824 82	113 332 000 - 006 926 73
				113 350 000 - 006 927 33	113 401 000 - 006 929 40
		Switchable	HIAL 30000/850/N/EA	113 374 000 - 006 928 55	113 422 000 - 006 930 02
Wide-beam	4000 K	DALI	HIAL 30000/840/W/DALI	113 400 000 - 006 929 37	113 421 000 - 006 929 99
				113 421 000 - 006 929 99	113 439 000 - 006 930 57
		Switchable	HIAL 30000/840/W/EA	113 401 000 - 006 929 40	113 440 000 - 006 930 60
Wide-beam	5000 K	DALI	HIAL 30000/850/W/DALI	113 401 000 - 006 929 40	113 422 000 - 006 930 02
				113 422 000 - 006 930 02	113 440 000 - 006 930 60
		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
Bracket for ceiling mounting	Fixed	337 818 010 - 006 951 71
Bracket for ceiling mounting	Adjustable	337 818 020 - 006 951 74
Bracket for wall mounting		337 763 010 - 006 825 09
One-point suspension	Wire ropes will be required	337 765 040 - 006 952 79



N-lens







W-lens

#### ACANEO at a glance

- Net luminous flux package 14 000 lm or 20 000 lm
- Power consumption 100 W or 160 W
- Temperature of use: -30 °C to +50 °C
- Residual light current 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 lenses/narrow-beam or wide-beam
- Robust die-cast aluminium housing
- Premounted connecting line (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 of small housing size: 8.2 kg



 Production hall  Logistic hall				
Luminous flux 14 000 lm				Further variants on request
Lens	Light colour	Technology	Model	Order no. without connecting line Order no. with connecting line
Narrow-beam	4 000 K	DALI	HIAL 14000/840/N/DALI	113 188 000 - 006 822 60 113 215 000 - 006 824 22
Narrow-beam	4 000 K	Switchable	HIAL 14000/840/N/EA	113 319 000 - 006 926 34 113 337 000 - 006 926 89
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
Lens	Light colour	Technology	Model	Order no. without connecting line Order no. with connecting line
Narrow-beam	4 000 K	DALI	HIAL 20000/840/N/DALI	113 197 000 - 006 822 88 113 224 000 - 006 824 52
Narrow-beam	4 000 K	Switchable	HIAL 20000/840/N/EA	113 325 000 - 006 926 52 113 343 000 - 006 927 07
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

Accessories	Description	Order No.
Safety glass	480 x 405 x 125 mm	337 764 010 - 006 825 12
Bracket for ceiling mounting	Fixed	337 818 010 - 006 951 71
Bracket for ceiling mounting	Adjustable	337 818 020 - 006 951 74
Bracket for wall mounting		337 763 010 - 006 825 09
One-point suspension	Wire ropes will be required	337 765 040 - 006 952 79

**HEADQUARTERS GERMANY**

Herbert Waldmann GmbH & Co. KG  
Postfach 50 62  
78057 VILLINGEN-SCHWENNINGEN  
GERMANY  
Telephone +49 7720 601- 0  
Telephone +49 7720 601- 100 (Sales)  
Fax +49 7720 601- 290  
www.waldmann.com  
sales.germany@waldmann.com

**FRANCE**

Waldmann Eclairage S.A.S.  
Zone Industrielle  
Rue de l'Embranchement  
67116 REICHSSTETT  
FRANCE  
Telephone +33 3 88 20 95 88  
Fax +33 3 88 20 95 68  
www.waldmann.com  
info-fr@waldmann.com

**ITALY**

Waldmann Illuminotecnica S.r.l.  
Via della Pace, 18 A  
20098 SAN GIULIANO MILANESE (MI)  
ITALY  
Telephone +39 02 98 24 90 24  
Fax +39 02 98 24 63 78  
www.waldmann.com  
info-it@waldmann.com

**THE NETHERLANDS**

Waldmann B.V.  
Lingewei 19  
4004 LK TIEL  
THE NETHERLANDS  
Telephone +31 344 631019  
Fax +31 344 627856  
www.waldmann.com  
info-nl@waldmann.com

**AUSTRIA**

Waldmann Lichttechnik Ges.m.b.H.  
Gewerbepark Wagram 7  
4061 PASCHING/LINZ  
AUSTRIA  
Telephone +43 7229 67400  
Fax +43 7229 67444  
www.waldmann.com  
info-at@waldmann.com

**SWEDEN**

Waldmann Ljusteknik AB  
Skebokvarnsvägen 370  
124 50 BANDHAGEN  
SWEDEN  
Telephone +46 8 990 350  
Fax +46 8 991 609  
www.waldmann.com  
info-se@waldmann.com

**SWITZERLAND**

Waldmann Lichttechnik GmbH  
Benkenstrasse 57  
5024 KÜTTIGEN  
SWITZERLAND  
Telephone +41 62 839 1212  
Fax +41 62 839 1299  
www.waldmann.com  
info-ch@waldmann.com

**UNITED KINGDOM**

Waldmann Lighting Ltd.  
7 Millfield House  
Croxley Green Business Park  
WATFORD WD18 8YX  
UNITED KINGDOM  
Telephone +44 1923 800030  
Fax +44 1923 800016  
www.waldmann.com  
info-uk@waldmann.com

**USA**

Waldmann Lighting Company  
9 W. Century Drive  
WHEELING, ILLINOIS 60090  
USA  
Telephone +1 847 520 1060  
Fax +1 847 520 1730  
www.waldmannlighting.com  
waldmann@waldmannlighting.com

**CHINA**

Waldmann Lighting (Shanghai) Co., Ltd.  
Part A11a, No. Five Normative Workshop  
199 Changjian Road, Baoshan  
SHANGHAI, P.R.C. 200949  
CHINA  
Telephone +86 21 5169 1799  
Fax +86 21 3385 0032  
www.waldmann.com  
info-cn@waldmann.com

**SINGAPORE**

Waldmann Lighting Singapore Pte. Ltd.  
22 Cross Street, #02-50/51  
South Bridge Court  
SINGAPORE 048421  
SINGAPORE  
Telephone +65 6275 8300  
Fax +65 6275 8377  
www.waldmann.com  
sales-sg@waldmann.com

**INDIA**

Waldmann Lighting Pvt. Ltd.  
Plot No. 52  
Udyog Vihar  
Phase-VI, Sector-37  
GURGAON-122001, HARYANA  
INDIA  
Telephone +91 124 412 1600  
Fax +91 124 412 1611  
www.waldmann.com  
sales-in@waldmann.com