

**PRACHT®**

PRO LINE

# QUADRONIUS



**PRO**

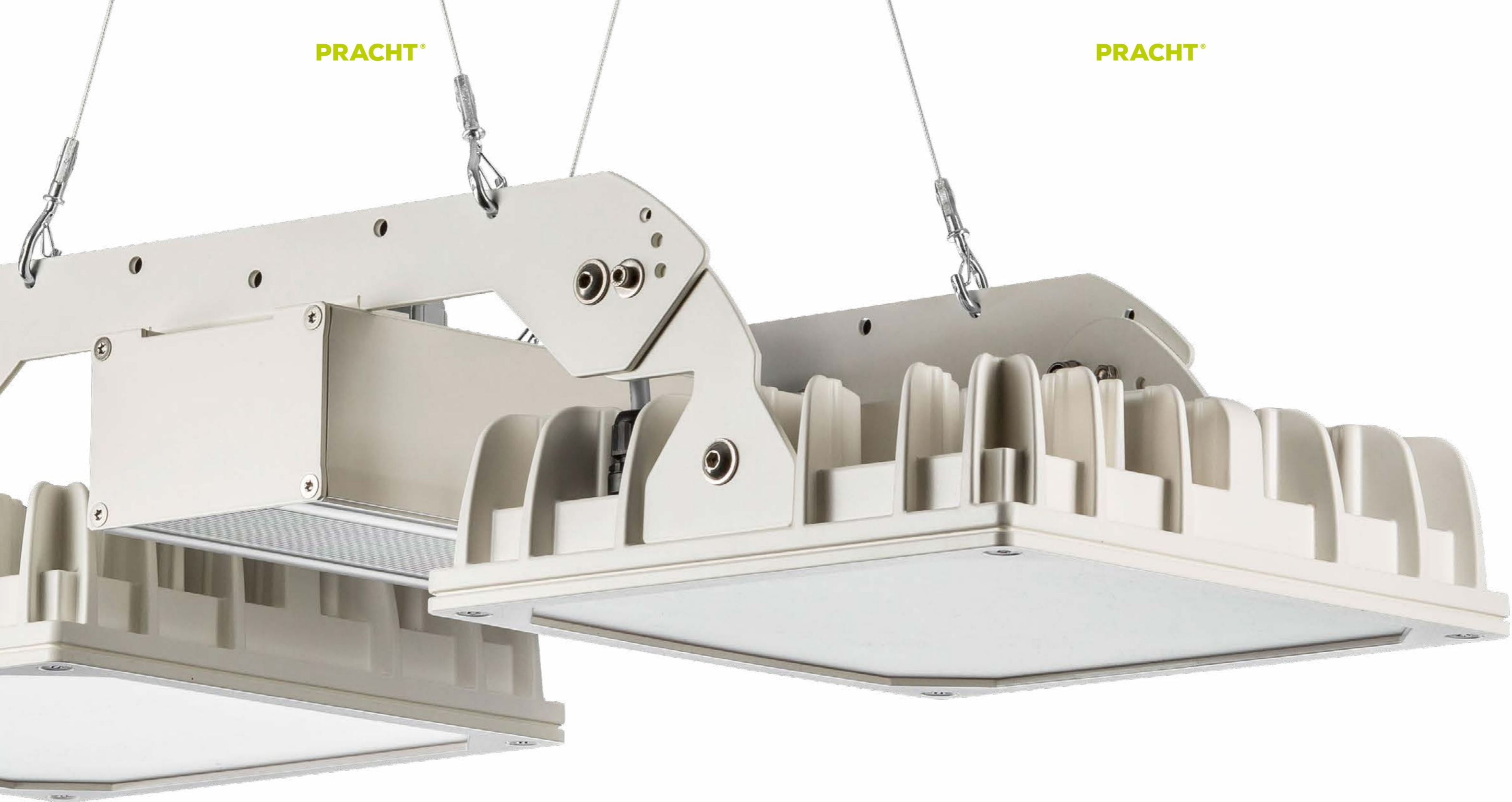
**INDUSTRY**

**LOGISTICS**

**HIGH TEMPERATURE**

**PRACHT®**

**PRACHT®**



# **QUADRONIUS**

**150 | INDUSTRY | HT**

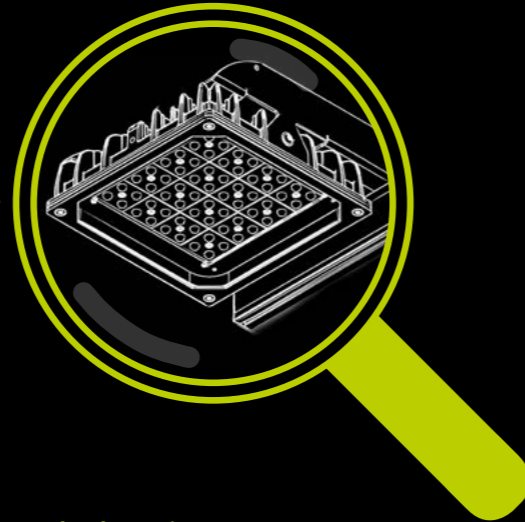
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# FEATURES

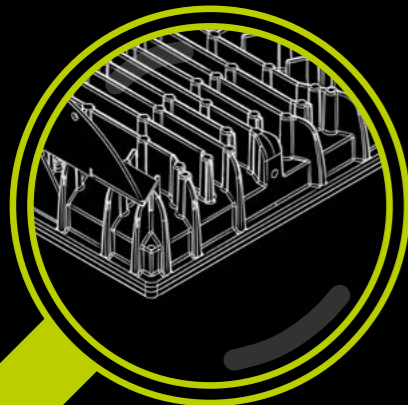
Seven different optics

for perfect illumination



High-grade housing

Die cast aluminium cooling ribs for intensive cooling



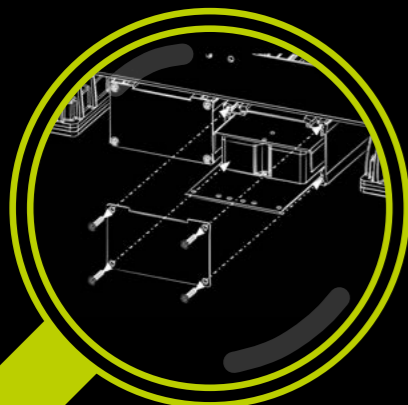
Thermally decoupled

Decoupled construction for optimum airflow distribution



Exchangeable components

sustainable: not glued, thus no Throw-away product



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# QUADRONIUS 150 | INDUSTRY | HT

## SPECIAL MANUFACTURE

-40°C FLEXIBLE INDUSTRY  
SPORTS POOL SWIVELLING  
FARMER TOUGH  
VERSATILE  
WET +75°C



**HOUSING** Die cast aluminium, white coating

**LAMP COVER** Safety glass (ESG), polycarbonate (PC, shatter proof), LOPRA® or PC Opa1.

**SEALS** Short, ageing-resistant silicone seals.

**ELECTRICAL COMPONENTS** High performance LED converter.

**INSTALLATION** Pendant mounting, direct ceiling or wall mounting with optional wall/ceiling mounting bracket.

**OPTIONS** Other housing color, four-lamp version, emergency light function, daylight and motion control sensor.

**FIELDS OF APPLICATION** Logistic centres, industrial halls, cold storage facilities (-40°C), high-rack warehouses. Optional: Unprotected outdoor areas, sports arenas, high temperature, livestock farming, swimming pools.

5

YEAR WARRANTY



100.000 h LIFETIME



A++



-40°C ... +75°C (DEPENDENT ON MODEL)

IP65



UNPROTECTED OUTDOOR AREA (OPTIONAL)



Protection Class I in accordance with VDE 0711/EN 60598, Ingress protection IP65

Dustproof, water jet proof, 220-240V, 50/60Hz, \*up to +60°C





QUADRONIUS 150

MODELS

Model	Description	Surcharge single-lamp	Surcharge twin-lamp
150	Standard version suitable for many areas - logistics to industry and cold storage facilities	-	-
FARMER	Built especially for the challenging surroundings of livestock farming with ammoniacal effluvia with optimized components.	applies	applies
SPORT	Safe to use in gymnasiums because of the shatter proof PC prismatic pane and ball-proof mounting bracket.	applies	applies
WET	Additional cover and tight sealings especially for unprotected outdoor areas, without mounting accessories.	applies	applies
POOL	Aggressive damp are no harm thanks to specially built-in components and coatings, incl. PC prism pane, without mounting accessories.	applies	applies
FOOD	Low maintainance and a shatterproof PC-pane -designed for the foodstuff and beverage industry.	none	none

I/1-64 16F 840 700 mA, 4000 K, 288 mm length, 64x LED, 5,7 kg, Ta: -40°C ... +45°C, incl. 2.000 mm pendant mounting

Model	Performance	Luminous Flux	P/N	Performance				
				FARMER	SPORT	WET	POOL	FOOD
Wide 120°	1x143 W	15800 lm	85042001	84092001	84732001	86072001	84722001	85012001
Wide 120° DIM-Dali	1x139 W	15800 lm	85042021	84092021	84732021	-	84722021	85012021
Narrow 25°	1x143 W	15800 lm	85242001	84292001	-	86272001	-	85212001
Narrow 25° DIM-Dali	1x139 W	15800 lm	85242021	84292021	-	-	-	85212021
Medium 65°	1x143 W	15900 lm	85342001	84392001	84332001	86372001	84322001	85312001
Medium 65° DIM-Dali	1x139 W	15900 lm	85342021	84392021	84332021	-	84322021	85312021
Asymmetric Raum	1x143 W	15400 lm	85442001	84492001	84432001	86472001	84422001	85412001
Asymmetric DIM-Dali	1x139 W	15400 lm	85542001	84492021	84432021	-	84422021	85412021
High-Rack Optics	1x143 W	15200 lm	85542001	84592001	-	86572001	-	85512001
High-Rack Optics DIM-Dali	1x139 W	15200 lm	85542021	84592021	-	-	-	85512021

**NOTE** Also available in extremely asymmetric and 100° wide beam for models SPORT and POOL.

I/2-64 16F 840 700 mA, 4000 K, 612 mm length, 128x LED, 11,6 kg, Ta: -40°C ... +45°C, incl. 2.000 mm pendant mounting

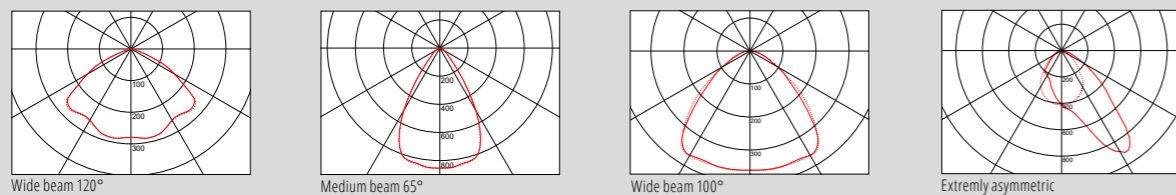
Model	Performance	Luminous Flux	P/N	Performance				
				FARMER	SPORT	WET	POOL	FOOD
Wide 120°	2x143 W	31500 lm	85044001	84094001	84734001	86074001	84724001	85014001
Wide 120° DIM-Dali	2x139 W	31500 lm	85044021	84094021	84734021	-	84724021	85014021
Narrow 25°	2x143 W	31600 lm	85244001	84294001	-	86274001	-	85214001
Narrow 25° DIM-Dali	2x139 W	31600 lm	85244021	84294021	-	-	-	85214021
Medium 65°	2x143 W	31800 lm	85344001	84394001	84334001	86374001	84324001	85314001
Medium 65° DIM-Dali	2x139 W	31800 lm	85344021	84394021	84334021	-	84324021	85314021

**NOTE** Also available in extremely asymmetric and 100° wide beam for models SPORT and POOL.

ACCESSORIES

Description	P/N	Charge
Wall/ceiling mounting bracket single-lamp	06011071	applies
Ceiling mounting bracket twin-lamp	06011081	applies
Wall/ceiling mounting bracket single-lamp for model "Pool"	06012171	applies
Ceiling mounting bracket twin-lamp for model "Pool"	06012181	applies

LIGHT DISTRIBUTION



QUADRONIUS INDUSTRY + HT

MODELS

Model	Description
INDUSTRY	Always DIM Dali, at 50°C ambient temperature L90B10 > 100.000 hours. Line filter according to highest industrial standard.
HT	Ideal thermal management and selected component for properly high temperature, up to +75°.

INDUSTRY: I/1-64 16T 840 mA, 4000 K, 457 mm length, 7,7 kg, Ta: -40°C ... +50°C, Industrial Ballast incl. 2.000 mm pendant mounting

Model - INDUSTRY	Performance	Luminous Flux	P/N
Wide 120° DIM-Dali	1x134 W	15000 lm	86080221
Narrow 25° DIM-Dali	1x134 W	15000 lm	86280221
Medium 65° DIM-Dali	1x134 W	15000 lm	86380221
Asymmetric DIM-Dali	1x134 W	14000 lm	86480221
High-Rack Optics DIM-Dali	1x134 W	14000 lm	86580221

INDUSTRY: I/2-128 16T 840 mA, 4000 K, 912 mm length, 15,5 kg, Ta: -40°C ... +50°C, Industrial Ballast incl. 2.000 mm pendant mounting

Model - INDUSTRY	Performance	Luminous Flux	P/N
Wide 120° DIM-Dali	2x134 W	30000 lm	86080621
Narrow 25° DIM-Dali	2x134 W	30000 lm	86280621
Medium 65° DIM-Dali	2x134 W	30000 lm	86380621

HIGH TEMPERATURE: I/1-64 16T 840 mA, 4000 K, 457 mm length, 7,7 kg, Ta +70/+75°C L80B10 >100.000h, incl. 2.000 mm pendant mounting

Model - HT	Performance	Ambient Temperature (Ta)	Luminous Flux	P/N
110° DIM-Dali	1x119 W	+75°C	13600 lm	86790121
40° DIM-Dali	1x119 W	+75°C	13100 lm	86890121
110° DIM-Dali	1x134 W	+70°C	15400 lm	86790221
40° DIM-Dali	1x134 W	+70°C	14900 lm	86890221

HIGH TEMPERATURE: I/2-128 16T 840 mA, 4000 K, 912 mm length, 15,5 kg, Ta +70/+75°C L80B10 >100.000h, incl. 2.000 mm pendant mounting

Model - HT	Performance	Ambient Temperature (Ta)	Luminous Flux	P/N
110° DIM-Dali	2x119 W	+75°C	27100 lm	86790521
40° DIM-Dali	2x119 W	+75°C	26200 lm	86890521
110° DIM-Dali	2x134 W	+70°C	30700 lm	86790621
40° DIM-Dali	2x134 W	+70°C	29700 lm	86890621



QUADRONIUS 150 single-lamp on/off



QUADRONIUS 150 twin-lamp on/off



QUADRONIUS WET single-lamp



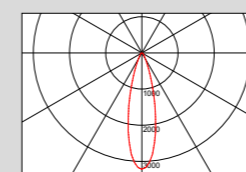
QUADRONIUS INDUSTRY+HT single-lamp



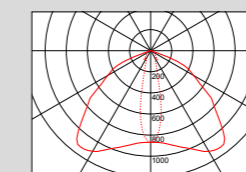
QUADRONIUS INDUSTRY+HT twin-lamp



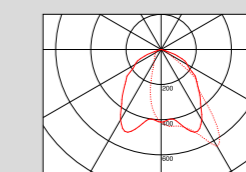
Wall/ceiling mounting bracket fitting for QUADRONIUS 150



Narrow beam 25°



High-Rack Optics



Asymmetrical Area

For product specific data see [pracht.com](http://pracht.com)

**„THERE WILL NEVER BE ANY COMPROMISE  
IN THE QUALITY OF MY PRACHT LUMINAIRES.“**

Alfred Pracht, Founder, 1963