



LED 240 lm/W

Industrial LED fixture **PROMET-HEUS**

Up to 90% power efficiency

Wattage 25 W to 320 W

Scalable upon request

Dimmable

Motion detector compatible

Reliability

Manufactured in EU



Solutions for:
production halls,
highbay warehouses,
workstations
and quality control



Maximum savings

- High fittings light output (up to 190lm/W) thanks to cutting-edge LED technology – report LM79
- Power range from 25 W to 320 W for the most cost-effective lighting system design for various hall layouts
- Dimmable from 10% to 100%
- Individual optics configuration
- Compatible with advanced and reliable automation systems

Satisfaction and safety of users

- Manufactured in EU
- Long lifetime guaranteed by high-quality LEDs
- 5 years (opt. 7 years) warranty
- High color rendering index Ra > 80
- High ambient temperatures and difficult environment operation is guaranteed. IP66 for power supply systems and IP55 for optical systems
- Hygienic attestation, compliance with HACCP standards: glass free, unbreakable fixture
- Built-in protections for LED modules: current, temperature, voltage, ESD
- Top-quality components of renowned manufacturers
- Constant flux with no stroboscopic effect

Convenient installation and maintenance

- Service and technical support
- Fast and easy installation
- Easy maintenance of indoor fixtures
- Easy replacement of modular components (LED modules and power junction boxes)
- Longer maintenance and cleaning periods

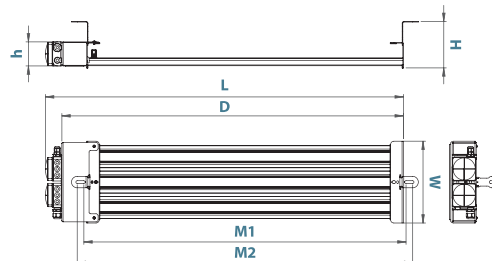
Industrial LED fixture

PROMETHEUS

Specifications

Light Source	LED
LED lifetime	L70 > 200 000 h (ta = 25°C)
Color Temperature	4000 K, other options upon request
Color rendering index	Ra > 80 (higher on request)
Voltage	90-264 VAC, 127-431 VDC
Operating temperature (ta)	from -30°C to +55°C, from -30°C to +70°C (optional)
Ingress protection	IP66 / IP55
Appliance class	class I or class II
Power factor	cos Φ > 0,95
Power supply efficiency	η > 90%
Brightness control	1-10 V, PWM, potentiometer, 0-10 V, DALI, Bluetooth (optional)

Dimensions and weight



	h	H	D	L	W	weight
Fixture type	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
PT3-025-K1- ...	129	195	570	570	90	1,4
PT3-060-S1- ...	129	195	1025	1025	90	1,7
PT3-120-S2- ...	80	145	1085	1130	258	3,6
PT3-185-S3- ...	80	145	1085	1130	258	4,3
PT3-240-S4- ...	80	145	1085	1130	418	5,5
PT3-240-S5- ...	80	145	1085	1130	418	6,2
PT3-320-S6- ...	80	145	1110	1155	498	7,3

Fixture power table

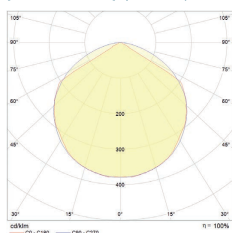
fixture version S - 1000mm	1 LED module PT3-060-S1-48-A100 63 W 8 640 lm	2 LED modules PT3-120-S2-48-A200 120 W 17 280 lm	3 LED modules PT3-185-S3-48-A300 185 W 26 640 lm	4 LED modules PT3-240-S4-48-A400 240 W 34 560 lm	5 LED modules PT3-240-S5-48-A500 236 W 36 020 lm	6 LED modules PT3-320-S6-48-A600 312 W 47 050 lm
equivalent of	fixture T8 2x58 W	fixture T8 3x58 W	MH fixture 250 W	two MH fixtures 250 W	two MH fixtures 250 W or 400 W	two MH fixtures 400 W
use	quality control workstations production line lighting	main lighting in lowbay halls (5-8 m)	main lighting in midbay halls (8-11 m)	main lighting in highbay halls (10-14 m)	main lighting in highbay halls (12-16 m)	main lighting in extra highbay halls (higher than 15 m)

The luminaires' power ratings and exemplary applications are indicative and relate to open halls.

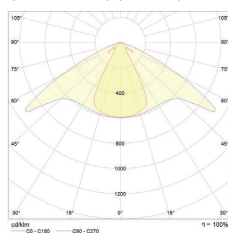
Light distribution

Using combinations of different optical systems in one fixture allows to meet design requirements of the user.
Light distribution curves for optical systems A, C, D, E, L, T:

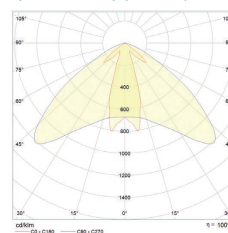
A (108° x 110°) (PMMA; CLEAR)



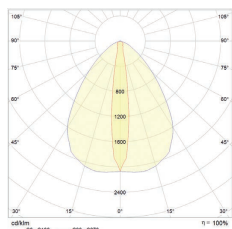
C (57° x 124°) (PMMA; CLEAR)



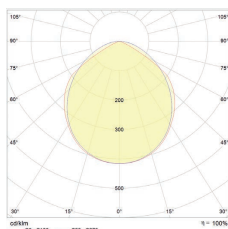
D (33° x 113°) (PMMA; CLEAR)



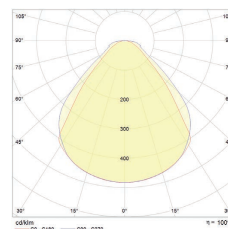
E (13° x 79°) (PMMA; CLEAR)



L (107° x 100°) (PMMA; SATIN)



T (87° x 84°) (PMMA; M-PRISM)



Fixture code breakdown

PT3aPSPbLNcTC-OKOM	
PT3	product code – fixture Prometheus
a	product version " – " – standard efficiency H – premium efficiency
PSP	power supply [W] 025, 040, 060, 080, 100, 120, 150, 185, 240, 320
b	power supply control " – " – 1-10 V H – 1-10 V, operating temp. +70°C Z – 0-10 V D – DALI P – potentiometer B – Bluetooth
L	LED module beam length K – 500 mm S – 1000 mm D – 1500 mm
N	total number of LED module beams: 1, 2, 3, 4, 5, 6
C	junction boxes position " – " – on the side of fixture G – on the top of beams N – no junction boxes
T	color temperature [K] 3 – 3000 K 4 – 4000 K 5 – 5000 K 6 – 6500 K
C	minimal color rendering index [CRI] 7 – Ra > 70 8 – Ra > 80 9 – Ra > 90 S – Ra > 95
d	LEDs type: " – " – MidPower H – HighPower
O	type optics 1 / type optics 2: A – transparent 108° x 110° C – transparent 57° x 124° D – transparent 33° x 113° E – transparent 13° x 79° L – mat 107° x 100° S – silicone 102° x 103° T – microprism PMMA 87° x 84° V – microprism PC (IK08) 87° x 90°
K / M	number of type 1 / type 2 beams: 1, 2, 3, 4, 5, 6

Sample code PT3 - 150 - S3 - 48 - C2E1

PT3	version PROMETHEUS fixture: PT3
150	power supply: 150 W
S	length of LED modules: 1000 mm
3	total number of modules in the fixture: 3
4	color temperature: 4000 K
8	minimum color rendering index: Ra > 80
C	optics type 1: C – transparent 57° x 124°
2	number of type 1 modules: 2
E	optics type 2: E – transparent 13° x 79°
1	number of type 2 modules: 1

Technical specification subject to change
181008V11

Fast and easy installation

