

 **Pelsan**



**HIGHBAY
LUMINAIRES**

CASTOR G3

www.pelsan.com.tr

75-100W

150-200W

5
YEAR
WARRANTY

Up to
160
lm/W

CASTOR G3

Specifications
of Driver

ENEC
Certified

100.000 h
Driver Lifetime

6kV
Internal SPD

-40°C +55°C

IP67

100-240Vac

- W** Power Options
75W - 200W
- ★** Up to 160 lm/W
Efficacy
- 🕒** +62.000 hour
System Lifetime
- AI** Aluminium Injection Body
- 👁** Anti-Glare
Reflector Options
- 🔍** Lens Options
45° / 90°
- ☔** IP65, Dust and Waterproof





DALI



1-3 Hours
Emergency Lighting Unit



Lens
(45° / 90°)

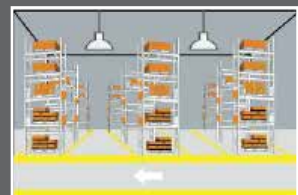
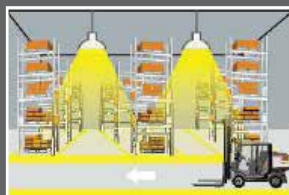
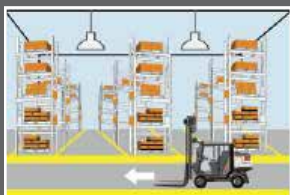


Anti-Glare
Reflector



Microwave Sensor

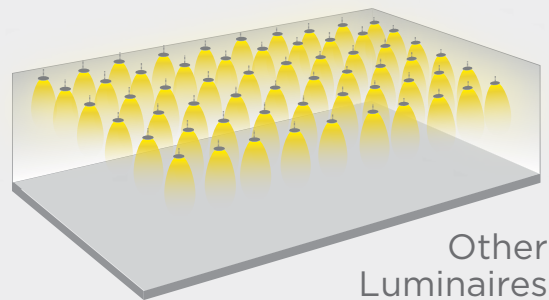
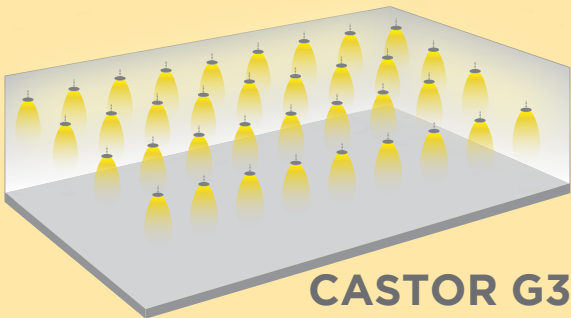
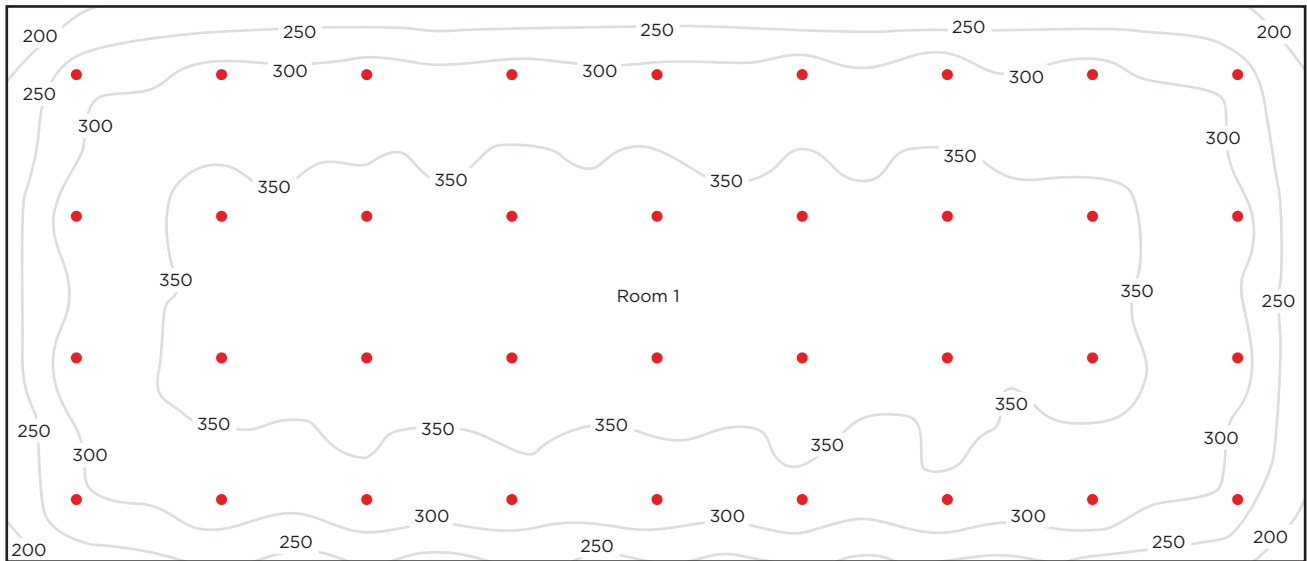
3 step dimming function (stand-by period be set to "10s/1min/3min/5min/10min/30min")



CASTOR G3

66% energy saving

44% fewer products



Power consumption

150W



Luminous flux

21900lm



Number of armature required

37 pieces



Total energy consumption

5550W



Average ambient illuminance

324lx



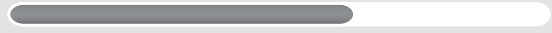
Power consumption

250W



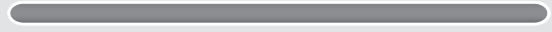
Luminous flux

15250lm



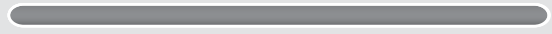
Number of armature required

66 piece



Total energy consumption

16500W



Average ambient illuminance

321lx



Technical Specifications



Mechanical Specifications

Body	Aluminium
IP	IP65
IK	IK08
Fire Protection	650°C
Cable Gland	PG9
Cable	3x1mm ²
Weight	2,8kg
RAL Code	7043
Dimensions	272x180 / 272x180 / 323x186 / 323x186mm
Mounting Type	Pendant



Optical Specifications

Luminous Flux	11550 / 14900 / 21900 / 28400 lm
Efficiency	154 / 149 / 146 / 142 lm/W
Reflector	Option
Lens	PC
Diffuser	-
CRI	>80
Colour Temp.	4000K / 5700K / 6500K
Photobiological	RG1
Beam Angle	45° / 90°



Electrical Specifications

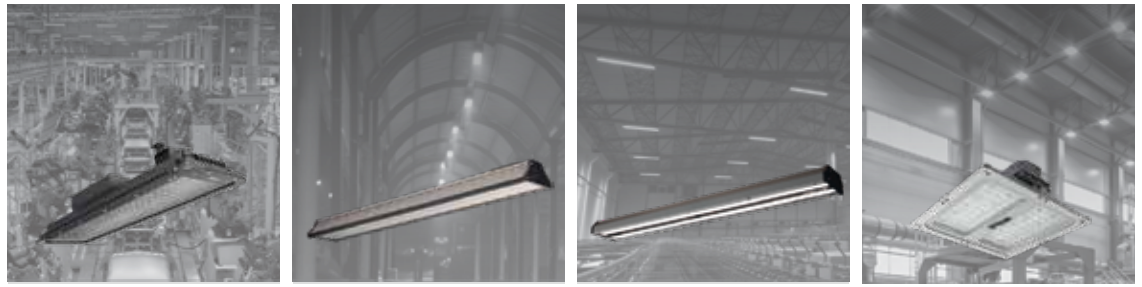
Power	75 / 100 / 150 / 200W
Luminous Flux	11550 / 14900 / 21900 / 28400 lm
Efficiency	154 / 149 / 146 / 142 lm/W
System Lifetime	>62.000h
Input Voltage	100 - 240 Vac
Frequency	50-60Hz
Power Factor	>0,95
Operating Temperature	-20° C / 45° C
Class	I



Options

DALI	✓
1hour Emergency Unit	✓
3hour Emergency Unit	✓
Class	I
1-10V	✓
Microwave Sensor	✓
Certificates and Reports	60598-2-1, LM79, EN 13032, LM80, EN 62262, EN60529
Guarantee	5 Year

Other Highbay Luminaires



Type		Cronto	Etna G2	Hima G2	Sia
Lumen Package		22.350lm 54.800lm	13.300lm 38.400lm	9.000lm 17.250lm	21.000lm 25.000lm
Power		150W-400W	100W-300W	75W-150W	150W-200W
Efficacy		Up to 149lm/W	Up to 134lm/W	Up to 125lm/W	Up to 140lm/W
Body		Aluminium	Aluminium	Aluminium	Aluminium
Lifetime		>62,000h	>62,000h	>50,000h	>50,000h
Warranty		5 Year	5 Year	5 Year	5 Year
Optic		4 type lens	2 type reflector	1 type	4 type lens
OPTIONS	Emergency Unit	✓	✓	✓	✓
	DALI	✓	✓	✓	✓
	1-10V	✓	✓	✓	✓
	Sensor	✓	✓	✓	✓
	Automation	✓	✓		✓
USAGE AREAS	Heavy Industries	✓	✓		✓
	Industries Plants	✓	✓	✓	✓
	Indoor Sports Facilities	✓	✓	✓	✓
	Warehouses	✓	✓	✓	✓
	Workshops	✓	✓	✓	✓

Ex-Proof Luminaires

Type	Power	Lumen Package	Efficacy	IP Rating	Zone Class	Protection	Options
 Atarex Highbay / Yüksek Tavan	50W- 240W	6000lm- 29520lm	120lm/W- 132lm/W	IP66	Zone1 Zone21	II 2G Ex db IIB T4 Gb II 2D Ex tb IIIC T130°C Db	DALI, Emergency Unit, RAL Code
 Atarex Floodlight / Projektör	50W- 480W	6000lm- 50400lm	105lm/W - 132lm/W	IP66	Zone1 Zone21	II 2G Ex db IIB T4 Gb II 2D Ex tb IIIC T130°C Db	DALI, Emergency Unit, RAL Code
 Exta Waterproof / Etanj	50W- 150W	6800lm- 19800lm	132lm/W- 137lm/W	IP66	Zone1 Zone21	II 2G Ex db IIB T4 Gb II 2D Ex tb IIIC T130°C Db	DALI, Emergency Unit, Radar Sensor
 Exta Emergency / Acil Aydınlatma	8	480lm	60lm/W	IP66	Zone1 Zone21	II 2G Ex db IIB T4 Gb II 2D Ex tb IIIC T130°C Db	-
 Largo LED Waterproof / Etanj	10W - 45W	1650lm- 54950lm	110lm/W	IP65	Zone2 Zone22	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC (T80°C) Dc	Emergency Unit
 Largo LED Tube Waterproof / Etanj	Single/ Double	-	-	IP65	Zone2 Zone22	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC (T80°C) Dc	-
 Largo T8 Waterproof / Etanj	2x18W/ 2X36W	-	-	IP65	Zone2 Zone22	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC (T80°C) Dc	-
 Ausled Emergency / Acil Aydınlatma	5W / 15W	500lm- 1500lm	110lm/W	IP65	Zone2 Zone22	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC (T85°C) Dc	Exit Stickers Surface / Recessed Mounted
 Elit Lirad Floodlight / Projektör	20W - 50W	2800lm- 7000lm	Up to 140lm/W	IP65	Zone2 Zone22	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC (T95°C) Dc	30°/60°/90° Asymmetric Lens
 Nairo Floodlight / Projektör	50W - 200W	8250lm- 28600lm	Up to 165lm/W	IP66	Zone2 Zone22	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC (T95°C) Dc	30°/60°/90° Asymmetric Lens
 Nairo Road & Street / Yol & Cadde	50W - 200W	8250lm- 28600lm	Up to 165lm/W	IP66	Zone2 Zone22	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC (T95°C) Dc	30°/60°/90° Asymmetric Lens
 Piriliz Canopy / Kanopi	50W - 200W	8250lm- 28600lm	Up to 165lm/W	IP66	Zone2 Zone22	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC (T95°C) Dc	30°/60°/90° Asymmetric Lens
 Sia Highbay / Yüksek Tavan	50W - 200W	8250lm- 28600lm	Up to 165lm/W	IP66	Zone2 Zone22	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC (T95°C) Dc	30°/60°/90° Asymmetric Lens

Pelsan



All your lighting needs in one adress.

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HEAD OFFICE

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