

 **Pelsan**



**HIGHBAY  
LUMINAIRES**

**CASTOR G3**

[www.pelsan.com.tr](http://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°)

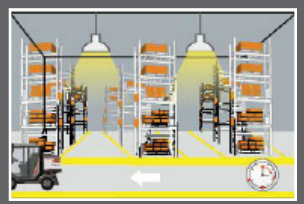
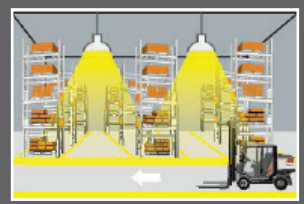


Anti-Glare  
Reflector



### Microwave Sensor

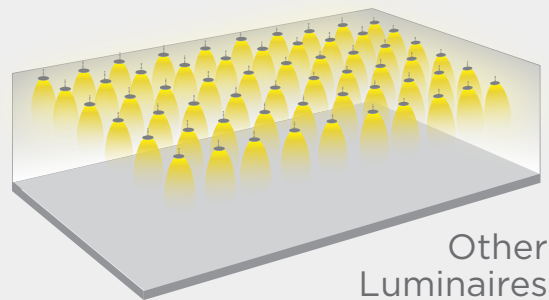
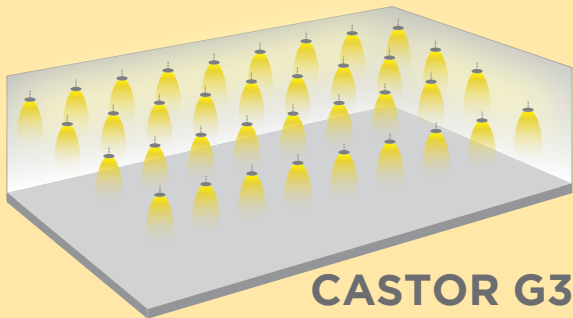
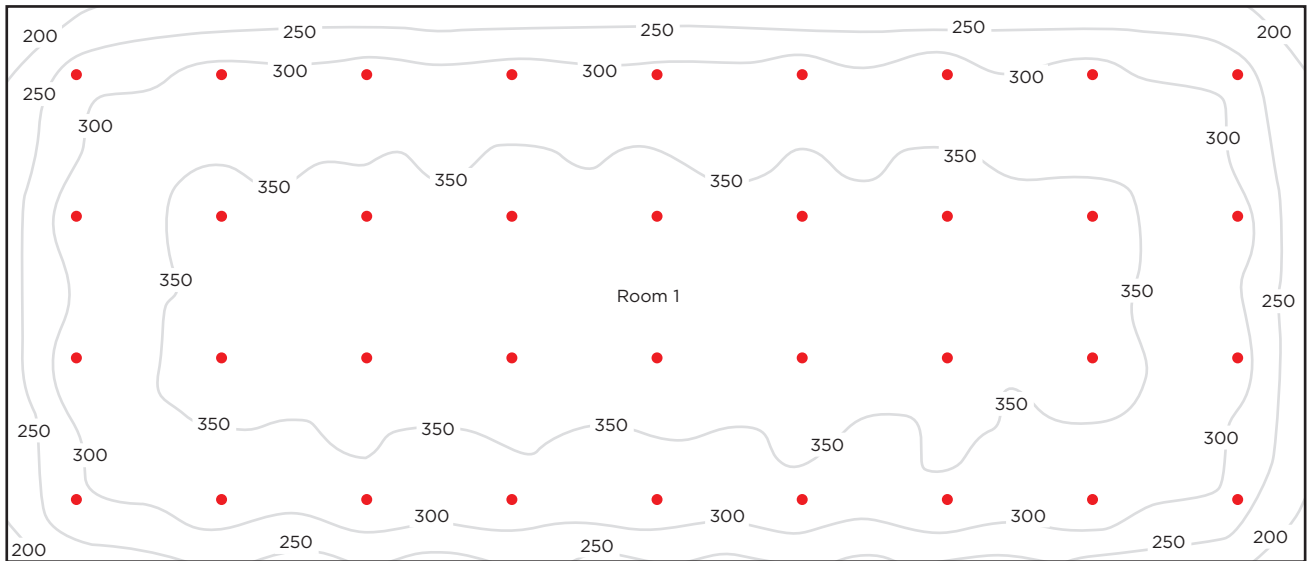
3 step dimming function (stand-by period be set to "10s/1min/3min/5min/10min/30min")



# 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



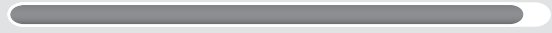
### Total energy consumption

16500W



### Average ambient illuminance

321lx



# Technical Specifications



## Mechanical Specifications

Body	Aluminium
IP	IP65
IK	IK08
Fire Protection	650°C
Cable Gland	PG9
Cable	3x1mm <sup>2</sup>
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.

[www.pelsan.com.tr](http://www.pelsan.com.tr)

[info@pelsan.com.tr](mailto:info@pelsan.com.tr) | [export@pelsan.com.tr](mailto:export@pelsan.com.tr)

#### HEAD OFFICE

Çerkeşli O.S.B.  
İmes 5. Cadde No:12  
Dilovası / Kocaeli - TÜRKİYE



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**P** : +9(0850) 460 75 76

**F** : +9(0216) 364 60 15