

 **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



120.000 h
Driver Lifetime



6kV
Internal SPD



-40°C +55°C



IP67



100-240Vac



Power Options
75W - 200W



Up to 160 lm/W
Efficacy



Tc@60°C 120.000h
Driver Lifetime



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°)

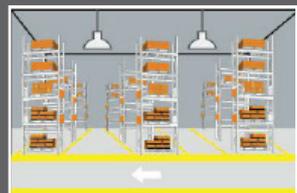
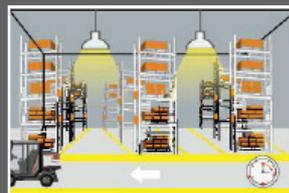
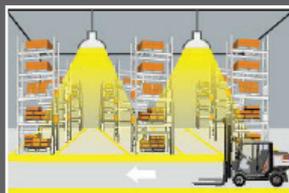
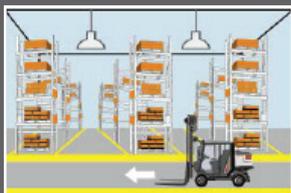


Anti-Glare
Reflector



Microwave Sensor

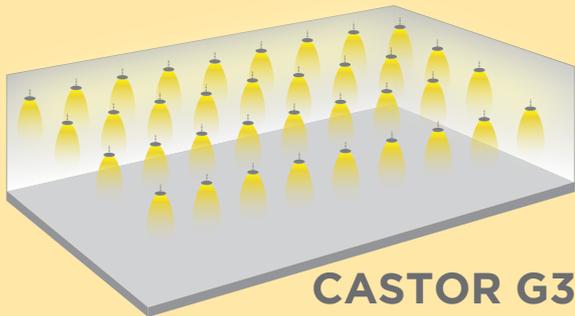
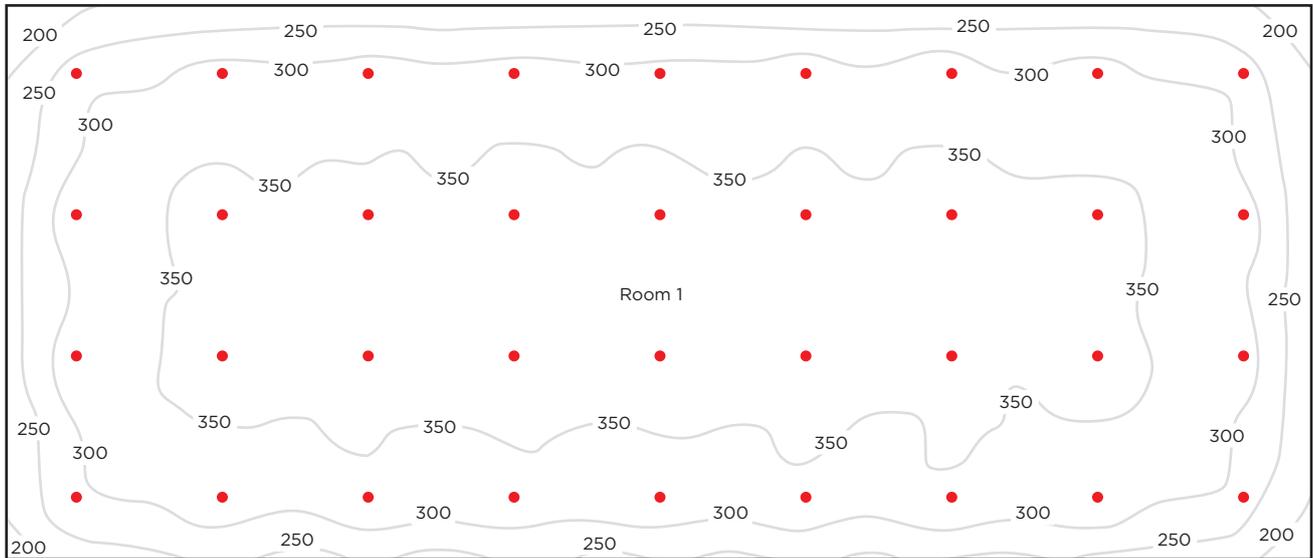
3 step dimming function (stand-by period be set to "10s/1min/3min/5min/10min/30min")



CASTOR G3

66% energy saving

44% fewer products



CASTOR G3

Power consumption

150W



Luminous flux

21900lm



Number of armature required

37 pieces



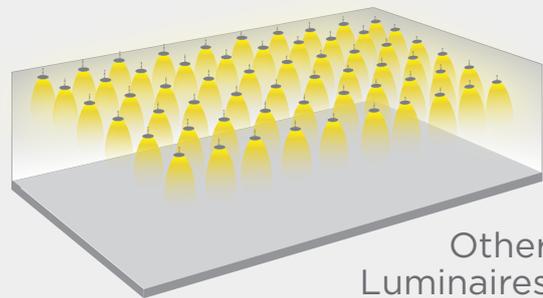
Total energy consumption

5550W



Average ambient illuminance

324lx



Other
Luminaires

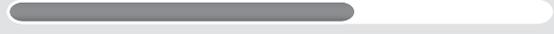
Power consumption

250W



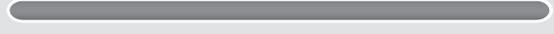
Luminous flux

15250lm



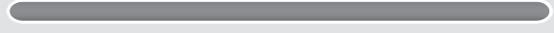
Number of armature required

66 piece



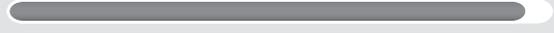
Total energy consumption

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
Driver Lifetime	Tc@60°C 120.000h
Input Voltage	100 - 240 Vac
Frequency	50-60Hz
Power Factor	>0,95
Operating Temperature	-20°C / 45°C
Class	I



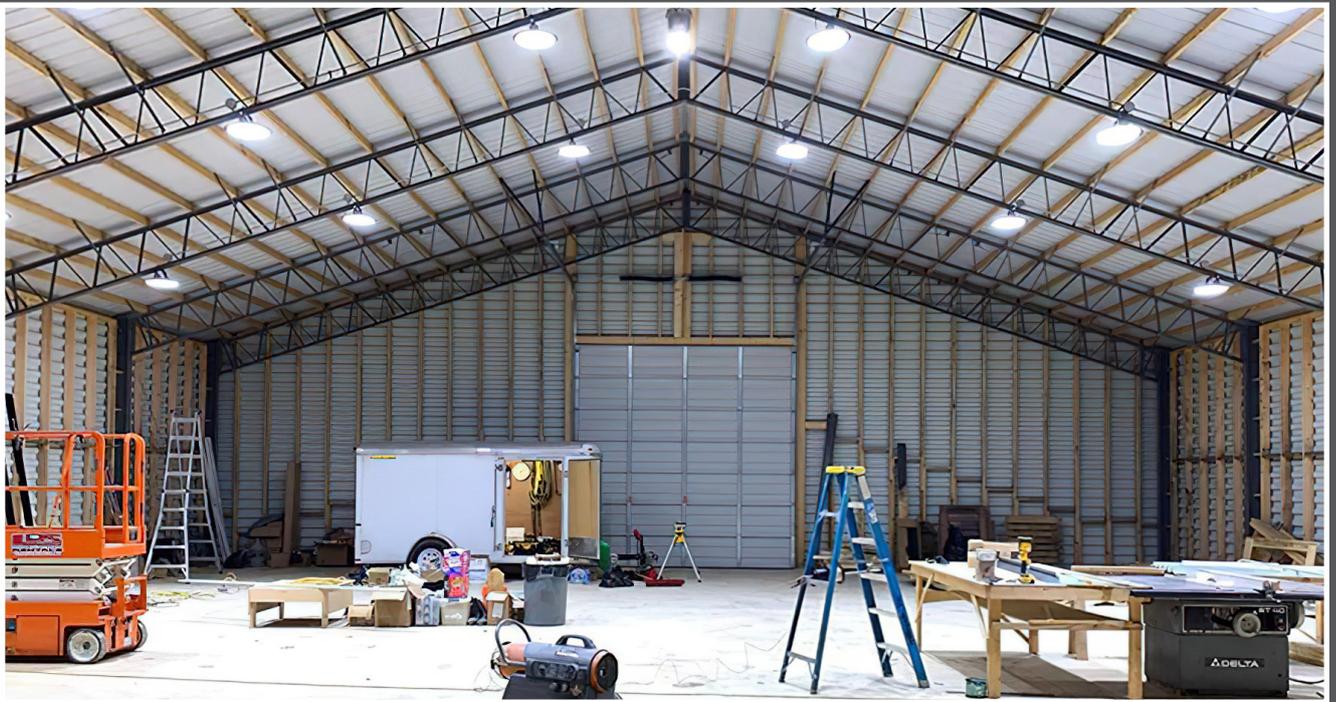
Options

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 G3L	Hima G3	Sia G2
Lumen Package		22.350lm 54.800lm	12.150lm 37.200lm	10.500lm 21.000lm	15.500lm 28.000lm
Power		150W-400W	50W -240W	75W-150W	100W-200W
Efficacy		Up to 149lm/W	Up to 170lm/W	Up to 140lm/W	Up to 155lm/W
Body		Aluminium	Aluminium	Aluminium	Aluminium
Driver Lifetime		Tc@60°C >120.000h	Tc@60°C >120.000h	Tc@60°C >100.000h	Tc@55°C >120.000h
Warranty		5 Year	5 Year	5 Year	5 Year
Optic		4 type lens	4 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	✓	✓	✓	✓



Pelsan



All your lighting needs in one adress.

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