



**BULLARD**  
BOLLARDS

**D02 EGEO/N2**



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[www.bullardbollards.com](http://www.bullardbollards.com)  
269-569-6700



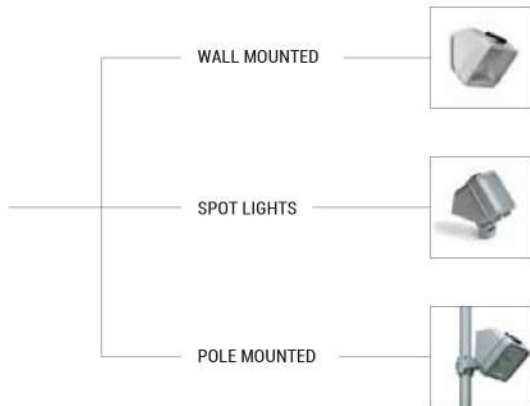
991 South Gull Lake Dr  
Richland, MI 49083, USA  
1 877-964-464



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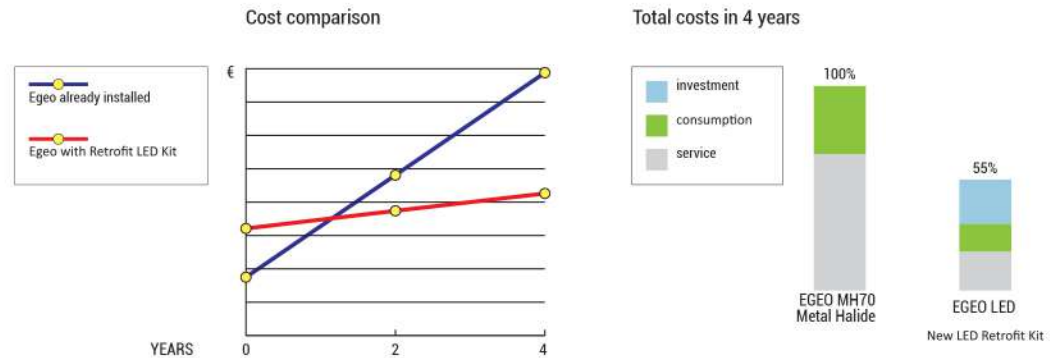
# D02 EGEO/N2

EGEO/N2  
D02



## KIT RETROFIT LED

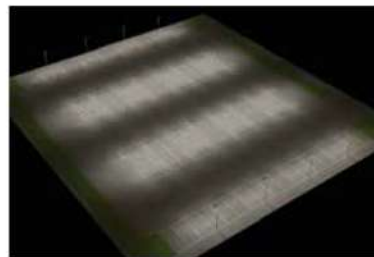
You get immediate savings replacing 70W metal halide engine with new LED Retrofit Kit: the investment is paid back in less than two years. In four years total consumption and maintenance costs saving is 45%.



**-60%**

## CONSUMPTION

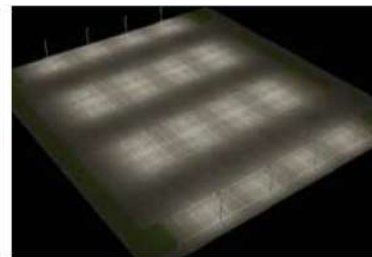
Installation example EGEO/N2 MH vs EGEO LED (24 fixtures)



EGEO/N2 MH70



Fixture output lumens  
4220 lm  
**2 kW system**  
47 lm/W system



EGEO/N2 LED



Fixture output lumens  
3109 lm  
**0,8 kW system** NEW  
86 lm/W system

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**D02 EGEO/N2**

SPOT LIGHTS,  
WALL MOUNTED,  
POLE MOUNTED,  
STREET LIGHT

Safety tempered protective glass,  
with light diffusing texture.  
Extra-pure aluminium reflector.



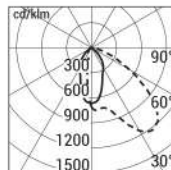
**egeo/N2 LED/AS**

HEAT CE 0,8m IK08 IP65

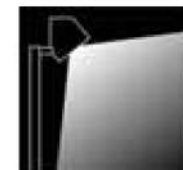
Code	System Power	Source	K	Output flux
D02/AS-LWN-AL	36W	LED	4000K	3127 lm
D02/AS-LWW-AL	36W	LED	3000K	2895 lm

Photometric data reference:

D02/AS-LWN-AL  
Asymmetric



h (m)	Ø (m)	Y=0.0 = 48°	Ø (m)	Y=0.0 = 8+66°	Emed (lx)
1.00	0.90		2.35		871
2.00	1.80		4.69		218
3.00	2.70		7.04		97
4.00	3.60		9.39		54
5.00	4.50		11.73		35



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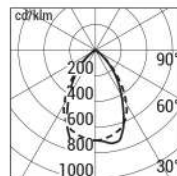
### egeo/N2 LED/WB

HEAT ON REQUEST CE 0,8m IK08 IP65

Code	System Power	Source	K	Output flux
D02/WB-LWN-AL	36W	LED	4000K	3182 lm
D02/WB-LWW-AL	36W	LED	3000K	2946 lm

Photometric data reference:

D02/WB-LWN-AL  
Wide beam



h (m)	Ø (m)	Y=0.0 = 64°	Ø (m)	Y=0.0 = 71°	Emed (lx)
1.00	1.25		1.43		1254
2.00	2.49		2.85		314
3.00	3.74		4.28		139
4.00	4.99		5.70		78
5.00	6.24		7.13		50



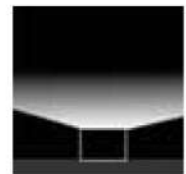
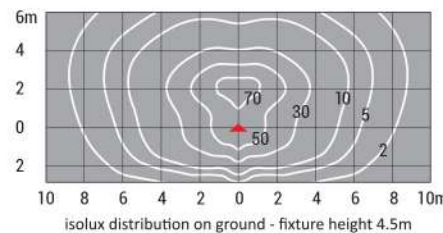
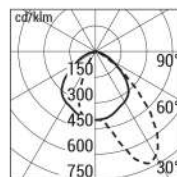
### egeo/N2 LED/RA

HEAT ON REQUEST CE 0,8m IK08 IP65

Code	System Power	Source	K	Output flux
D02/RA-LWN-AL	36W	LED	4000K	3109 lm
D02/RA-LWW-AL	36W	LED	3000K	2878 lm

Photometric data reference:

D02/RA-LWN-AL  
Road asymmetric







SPOT LIGHTS,  
WALL MOUNTED,  
POLE MOUNTED,  
STREET LIGHT



Extra-pure aluminium reflector.

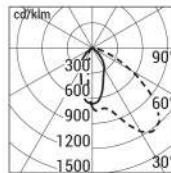
### egeo/N2 Kit Retrofit LED/AS



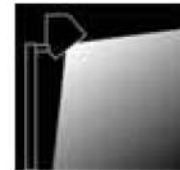
Code	System Power	Source	K	Output flux
D02/RE-LW N-01	36W	LED	4000K	3127 lm
D02/RE-LW W-01	36W	LED	3000K	2895 lm

Photometric data reference:

D02/RE-LW N-01  
Asymmetric



h (m)	Ø (m)	— Y=0.0 = 48°	Ø (m)	- - - Y=0.0 = 8+66°	Emed (lx)
1.00	0.90		2.35		871
2.00	1.80		4.69		218
3.00	2.70		7.04		97
4.00	3.60		9.39		54
5.00	4.50		11.73		35



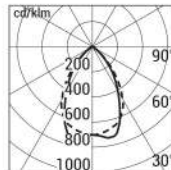
### egeo/N2 Kit Retrofit LED/WB



Code	System Power	Source	K	Output flux
D02/RE-LW N-02	36W	LED	4000K	3182 lm
D02/RE-LW W-02	36W	LED	3000K	2946 lm

Photometric data reference:

D02/RE-LW N-02  
Wide beam



h (m)	Ø (m)	— Y=0.0 = 64°	Ø (m)	- - - Y=0.0 = 71°	Emed (lx)
1.00	1.25		1.43		1254
2.00	2.49		2.85		314
3.00	3.74		4.28		139
4.00	4.99		5.70		78
5.00	6.24		7.13		50





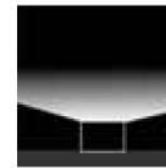
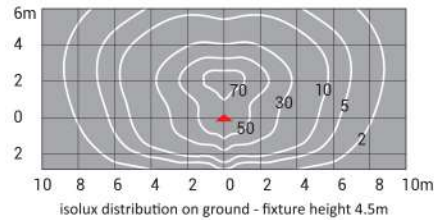
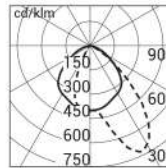
### egeo/N2 Kit Retrofit LED/RA



Code	System Power	Source	K	Output flux
D02/RE-LWN-03	36W	LED	4000K	3109 lm
D02/RE-LWW-03	36W	LED	3000K	2878 lm

Photometric data reference:

D02/RE-LWN-03  
Road asymmetric



### Easy as a bulb replacement



With simple pressure the fixture is opened.



Loosen the three fixing screws of the electrical block.



Extract the electrical block.



Insert the LED Retrofit Kit and tighten the screws.





### Optional accessories

### Optical

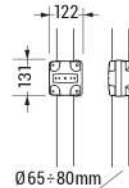


**ACS/AF-N**  
Aluminium adjustable barn doors with die-cast hinges.



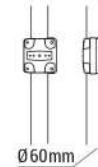
**D02/GP-N**  
Shielding grid.

### Mounting



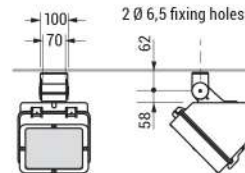
**ACS/GA1-AL**

Universal pole connection. Suitable for one or two fixtures equipped with WTB bracket on conical or cylindrical poles with diameters between 65 and 80mm. Powder painting after passivation. AISI 304 stainless steel hardware.



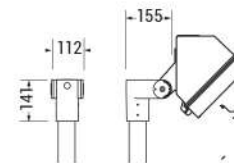
**ACS/GA60-AL**

Universal pole connection. Suitable for one or two fixtures on conical or cylindrical poles with diameters between 60 and 63mm. Powder painting after passivation - aluminium grey. AISI 304 stainless steel hardware.



**D02/WTB-AL**

Tiltable mounting bracket. The appliance can be wall/ceiling mounted without using any additional fittings. Powder painting after passivation. AISI 304 stainless steel hardware. Vertical setting. Fixing on wall, ceiling, structure, pole.



**D02/TP60-AL**

Single connection for 60mm pole top entry. The single pole connection, suitable for pole top entry or piece of pole 60mm, allows to freely adjust the floodlight. Powder painting after passivation. AISI 304 stainless steel hardware.



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## D02 EGEO/N2

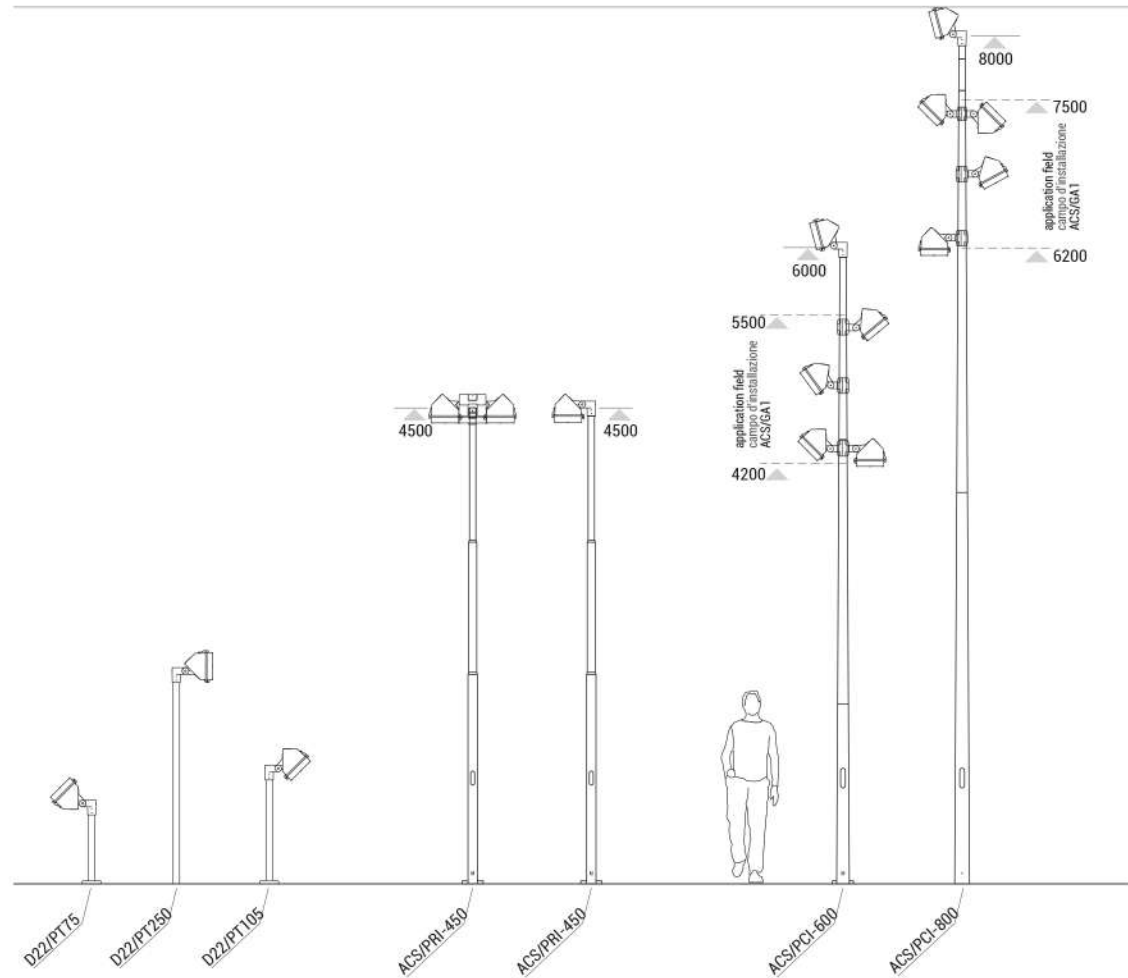
### Pole

D22/PT75  
D22/PT105  
D22/PT250

D43/P300-AL  
ACS/PRI-450-AL  
ACS/PCI-600-AL  
ACS/PCI-800-AL

For more details see p. 370-373

### Poles for Egeo



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