



**Feel good
garage lighting™**

elliptipar
...there is no equal™

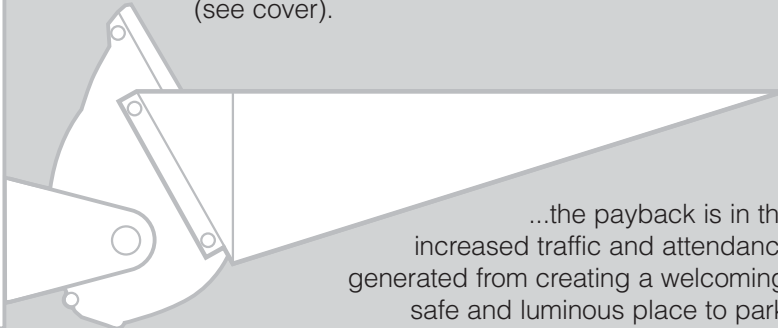
...comfort ...safety ...security

The #1 issue with parking garages is a sense of safety and well-being for those who use them. Lighting that alternates glare with dark shadows between cars and in the corners can create feelings of apprehension.



elliptipar's garage lighting illuminates the whole parking level by projecting broad planes of light across the ceiling. The resulting diffuse indirect illumination eliminates glare and minimizes dark shadows.

This luminous environment contributes to the users' perceptions of safety and security. As an added benefit, the exterior glows invitingly without producing glare to surrounding properties and traffic ways (see cover).

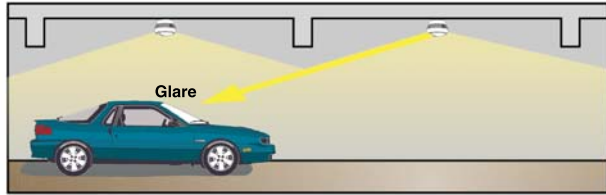


...the payback is in the increased traffic and attendance generated from creating a welcoming, safe and luminous place to park.



Style M156 one-way pendants with 250W metal halide lamps illuminate this parking facility at a Columbia, Maryland shopping mall.

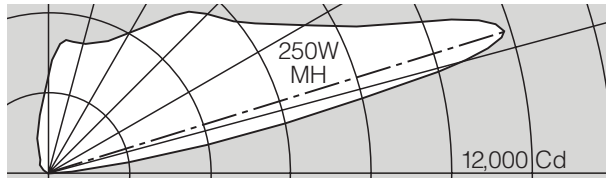
quality and performance you can feel comfortable with



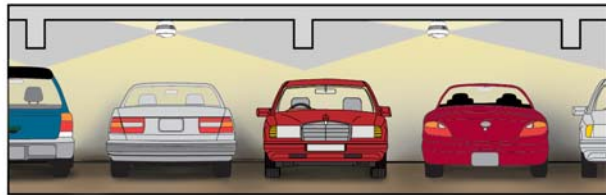
Direct and direct/indirect lighting systems, in an attempt to light wide areas from a low mounting height, create excessive brightness at high angles. This results in discomfort glare that hinders the drivers' and pedestrians' ability to see.



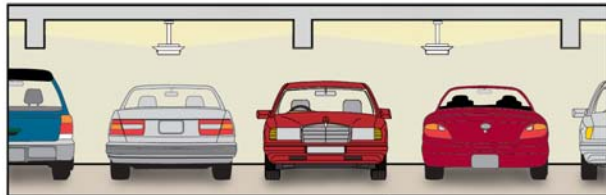
elliptipar's indirect lighting system meets the visual challenge of insuring safety in a space shared by both vehicles and pedestrians. Light is directed upward eliminating direct glare and the diffuse reflected light minimizes excessive contrast, improving visibility.



elliptipar's high performance asymmetric reflector projects broad planes of light across the ceiling. The unique flared visor shields lamp brightness yet allows far-reaching forward throw and wide lateral distribution.



The result is diffuse reflected illumination that effectively lights the spaces between vehicles irrespective of the positions of the luminaires or the vehicles.



The garage feels comfortable and secure as the structure and walls are brightened. Good vertical illuminance allows for high visibility of vehicles and pedestrians as well as signage.

...garage lighting that feels good!



Available in several styles with high output metal halide lamps and integral CWA ballasts. Rugged construction features **elliptipar's** precisely extruded aluminum reflector, tempered glass lens, tamper-resistant door screws and all aluminum and stainless steel components.

The durable abrasion and fade resistant finish begins with a 6-stage pretreatment, followed by an electrostatically applied thermoset polyester powder coat. Reflectors are sealed for wash-down. UL Listed or CSA Certified.



Style 156 One-way

- Extruded aluminum stem houses integral encapsulated ballast (lengths from 30" to 72")
- Flexible installation on level or sloped decks; recessed J-box or surface conduit
- Rugged stainless steel mounting plate



Style 156 Two-way

- Economical uplighting for adjacent bays
- Larger stem houses two CWA ballasts rated for -20°F starting
- Optional canopy conceals bolt plate



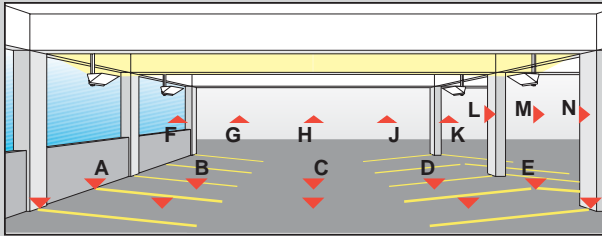
Style 456

- Uplighting from perimeter or core walls
- Choose wall plate to mount over J-box or mounting feet with surface conduit

example application

(similar to photo on page 2, bottom right)

- Style M156-0250-1 One-way Pendant Uplights, 30" stems
- 250W Metal Halide
- 60' Wide Bays, 20' Spacings, 10'-6" Ceiling, 27" Deep Structural Beams
- Reflectances: 80% Ceiling (matte white paint), 0% Walls, 40% Deck (concrete)



Initial Illuminances - Typical Bay

(includes contributions from adjacent bays)

Horizontal Footcandles on Deck

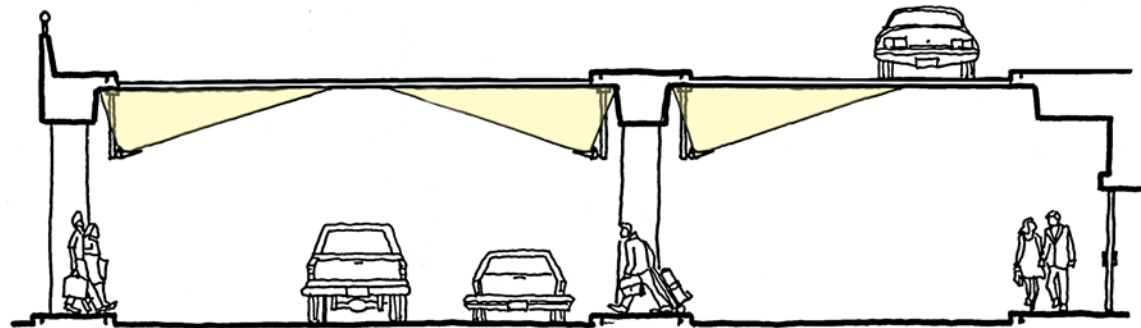
	A	B	C	D	E
☐ Luminaires	20	12	7	14	41
☐ Columns	16	11	7	12	30
Average	16.9				
Avg. / Min.	2.4 : 1				
Max. / Min.	5.9 : 1				

Vertical Footcandles 5'-6" Above Deck

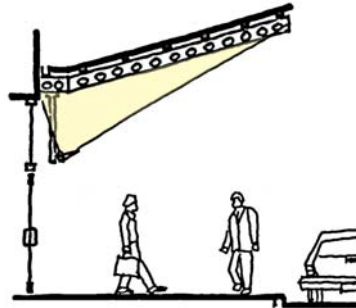
	F	G	H	J	K
Across Bay	13	8	5	9	20
Along Columns	16	24	16		

Note: If ceiling and luminaires are cleaned every 12 months and group relamping is performed every 8,000 - 10,000 operating hours, the estimated Light Loss Factor would be 0.40. Includes Lamp Lumen (LLD), Luminaire Dirt (LDD) and Room Surface Dirt (RSDD) Depreciation Factors in accordance with IESNA recommended practices.

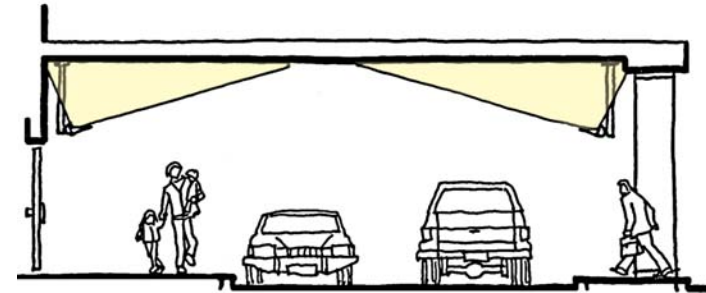
more than just garage lighting



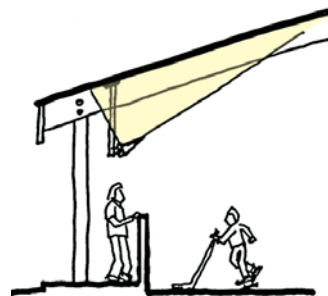
Airport Arrivals/Departures



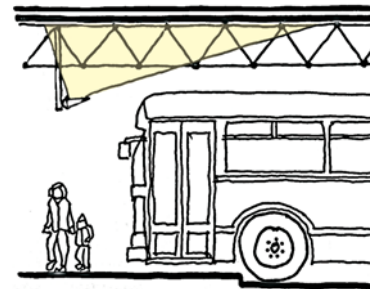
Canopies/Entrances



Port Cocheres



Sports Pavilions



Transportation Centers


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