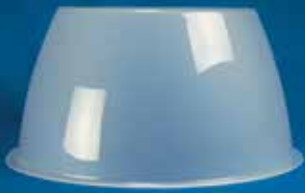


SPECIAL SHAPES



CROWN
PLASTICS



Series 84208

DESCRIPTION

Crown Plastics 84208 High Bay Reflector is easily adapted to most LED, HID, induction and fluorescent high bay fixtures. Its shallow design doesn't impede wide beam angles making this the most widely adaptable high bay reflector available.

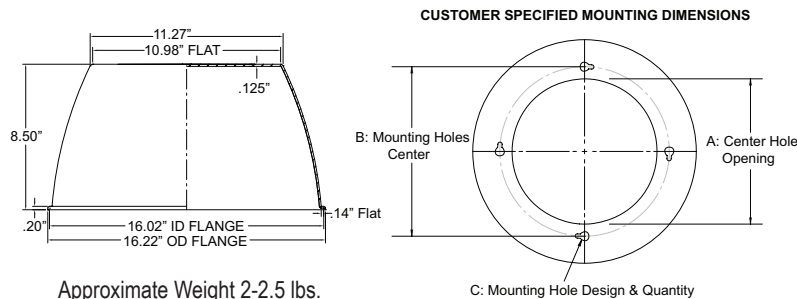
The custom 11.2" diameter top with opening and key way included allows it to be directly mounted to most LED modules without the need for expensive collars. The lower flange allows for a wide range of bottom lenses and standard clamp bands.

FEATURES & BENEFITS

- Adaptable to any LED high bay module with key way or bolt hole pattern up to 10.75" centers
- Custom machined opening, bolt hole pattern, and key way at no extra charge eliminates the cost of attachment collars
- Accommodates standard 16" diameter lenses including our 84209 convex lens used primarily in low bay applications where glare control is desired
- Many material options for a variety of applications

MATERIALS

- **Acrylic** - UV resistant with continuous operating temperature up to 80°C and transmittance of 92% (application dependent). Acrylic high bay lenses are available in clear or white.
- **LD Acrylic (Visual Comfort)** - UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent). LD Acrylic incorporates microsphere technology giving it a unique glare reducing aesthetic while also producing a highly efficient distribution.
- **Polycarbonate** - UV stabilized with continuous operating temperature of 100°C to 125°C and high impact resistance down to -40°C, transmittance of 88% (application dependent). Polycarbonate high bay lenses are available in clear.
- **High Reflective Polycarbonate** - UV stabilized with continuous operating temperature of 100°C to 125°C and high impact resistance down to -40°C, 96% reflective (application dependent). High Reflective Polycarbonate high bay lenses are available in opaque white.



ITEM NO.	MATERIAL	COLOR
84208-4C-CL-XX	Acrylic	Clear
84208-4C-WH-XX	Acrylic	White
84208-4C-LD-XX	LD Acrylic	VC Frost
84208-4C-CC-XX	Polycarbonate	Clear
84208-4C-PC-XX	High Reflective Polycarbonate	White

OPTIONAL ACCESSORIES

Convex Lens



84209-LD
84209-CL

Flat Lens



CP-ROUND-118X16.00-LD
CP-ROUND-118X16.00-CL

Clamp Band



98-CLAMP16-805227

MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose. UV and Chemicals can cause physical damage which will shorten the operating life of the material.

Maximum working temperature is 80° C for Acrylic and 90° C for Polycarbonates, depending on products chosen.

Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

Series 84209

DESCRIPTION

The 84209 16" High Bay Convex Lens was designed to fit on Crown's 84208 High Bay Reflector to widen distributions and mitigate glare. It is adaptable to most 16" Legacy Prismatic acrylic reflectors currently on the market.

The 84209 easily mounts to the lower flange of the 84208 using our standard clamp band.

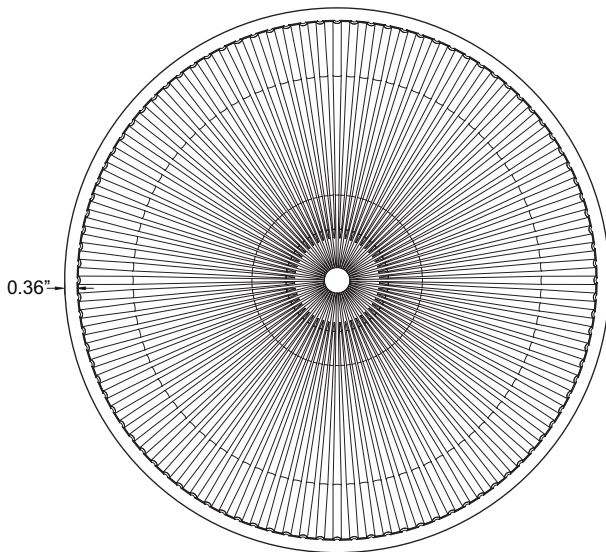


FEATURES & BENEFITS

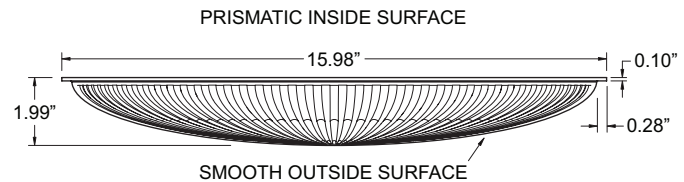
- Used primarily in low bay applications where glare control is desired
- Visual Comfort Acrylic provides economical pricing while delivering a traditional high efficiency performance with unsurpassed aesthetics

MATERIALS

- **Acrylic** - UV resistant with continuous operating temperature up to 80°C and transmittance of 92% (application dependent). Acrylic high bay convex lenses are available in clear or white.
- **LD Acrylic (Visual Comfort)** - UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent). LD Acrylic incorporates microsphere technology giving it a unique glare reducing aesthetic while also producing a highly efficient distribution.



ITEM NO.	MOUNTING DIMENSIONS (TOP)	MATERIAL	COLOR
84209-CL	15.98"	Acrylic	Clear
84209-LD	15.98"	LD Acrylic	VC Frost



OPTIONAL ACCESSORIES

High Bay Lens



84208-4C-XX

Clamp Band



98-CLAMP16-805227

MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose. UV and Chemicals can cause physical damage which will shorten the operating life of the material.

Maximum working temperature is 80° C for Acrylic and 90° C for Polycarbonates, depending on products chosen.

Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

Series 84210

DESCRIPTION

The 84210 22" High Bay Drop Lens was designed to for use with LED, induction, fluorescent, and HID light sources. The 84210 reduces lamp image and glare while improving spacing to mounting height criteria.

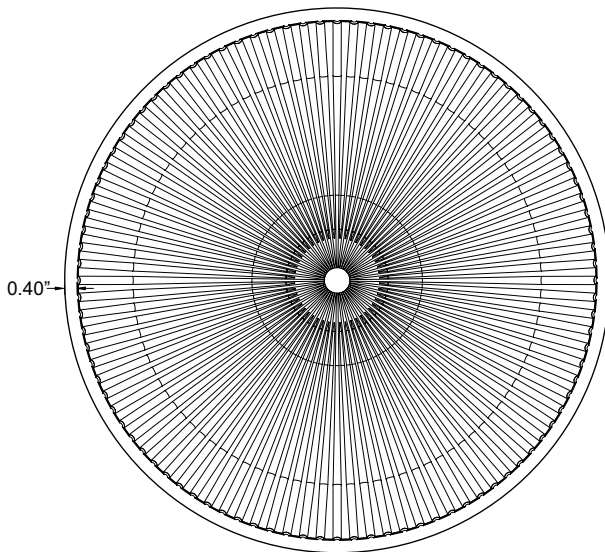
The 84210 easily mounts to 22" diameter specular or white aluminum reflectors or prismatic reflectors using a clamp band.

FEATURES & BENEFITS

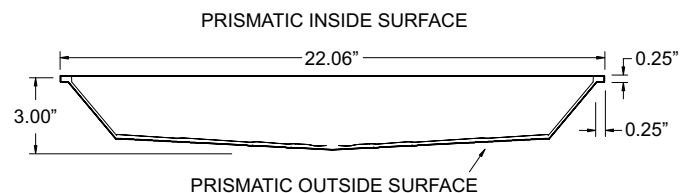
- Used primarily in high bay applications to reduce glare and widen distribution where low brightness is desired
- Visual Comfort Acrylic provides increased glare reduction with increased efficiency

MATERIALS

- **Acrylic** - UV resistant with continuous operating temperature up to 80°C and transmittance of 92% (application dependent). Acrylic high bay drop lenses are available in clear.
- **LD Acrylic (Visual Comfort)** - UV resistant with continuous operating temperature up to 80°C and transmittance of 90% to 94% (application dependent). LD Acrylic incorporates microsphere technology giving it a unique glare reducing aesthetic while also producing a highly efficient distribution.
- **Polycarbonate** - UV stabilized with continuous operating temperature of 90°C and high impact resistance down to -40°C, transmittance of 88% (application dependent). Polycarbonate high bay drop lenses are available in clear.



ITEM NO.	MOUNTING DIMENSIONS (TOP)	MATERIAL	COLOR
84210-CL	22"	Acrylic	Clear
84210-LD	22"	LD Acrylic	VC Frost
84210-CC	22"	Polycarbonate	Clear



MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose. UV and Chemicals can cause physical damage which will shorten the operating life of the material.

Maximum working temperature is 80° C for Acrylic and 90° C for Polycarbonates, depending on products chosen.

Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

Acrylic Ellipsoids

DESCRIPTION

Crown Plastics ellipsoids are designed for commercial and residential post top and pendant applications and are available with a neckless opening.

MATERIALS

- **Acrylic** - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic ellipsoids are available in clear, white or bronze.



NOTE: 2 piece ellipsoids will have a seam at the equator. A reinforcement ring will be used inside neckless openings of 5.25" - 8.00". Some modifications possible upon request

ITEM NO.	HEIGHT	DIA.*	MATERIAL	COLOR
67100-CL	8.00"	16.00"	Acrylic	Clear
67100-WH	8.00"	16.00"	Acrylic	White
67100-BR	8.00"	16.00"	Acrylic	Bronze
67200-CL	11.00"	22.00"	Acrylic	Clear
67200-WH	11.00"	22.00"	Acrylic	White
67200-BR	11.00"	22.00"	Acrylic	Bronze
67300-CL	13.00"	26.00"	Acrylic	Clear
67300-WH	13.00"	26.00"	Acrylic	White
67300-BR	13.00"	26.00"	Acrylic	Bronze
67400-CL	17.00"	34.00"	Acrylic	Clear
67400-WH	17.00"	34.00"	Acrylic	White
67400-BR	17.00"	34.00"	Acrylic	Bronze

MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose. Maximum working temperature is 90° C for Acrylic and between 100° C and 125° C for Polycarbonates, depending on products chosen. Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

ITEM NUMBER SUFFIX CODES

STYLE NUMBER	COLOR	NECK
67XXX = Acrylic	CL = CLEAR WH = WHITE BR = BRONZE	XX= Customized

Dimensions are nominal

Acrylic Hemisoids

DESCRIPTION

Crown Plastics hemisoids are designed for commercial and residential post top and pendant applications and are available with a custom flange for mounting purposes only.

MATERIALS

- **Acrylic** - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic hemisoids are available in clear, white or bronze.



ITEM NO.	HEIGHT	DIA.*	MATERIAL	COLOR
67101-CL	4.00"	16.00"	Acrylic	Clear
67101-WH	4.00"	16.00"	Acrylic	White
67101-BR	4.00"	16.00"	Acrylic	Bronze
67201-CL	5.00"	22.00"	Acrylic	Clear
67201-WH	5.00"	22.00"	Acrylic	White
67201-BR	5.00"	22.00"	Acrylic	Bronze
67301-CL	6.00"	26.00"	Acrylic	Clear
67301-WH	6.00"	26.00"	Acrylic	White
67301-BR	6.00"	26.00"	Acrylic	Bronze
67401-CL	8.50"	34.00"	Acrylic	Clear
67401-WH	8.50"	34.00"	Acrylic	White
67401-BR	8.50"	34.00"	Acrylic	Bronze

MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose.

Maximum working temperature is 90° C for Acrylic and between 100° C and 125° C for Polycarbonates, depending on products chosen.

Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

ITEM NUMBER SUFFIX CODES

STYLE NUMBER	COLOR	NECK
67XXX = Acrylic	CL = CLEAR WH = WHITE BR = BRONZE	XX= Customized

Dimensions are nominal

Acrylic Hemispheres

DESCRIPTION

Crown Plastics hemispheres are designed for commercial and residential pendant applications and are available with a custom flange for mounting purposes only.

MATERIALS

- **Acrylic** - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic hemispheres are available in clear, white or bronze.



ITEM NO.	HEIGHT	DIA.*	MATERIAL	COLOR
60106-CL	3.20"	6.00"	Acrylic	Clear
60106-WH	3.20"	6.00"	Acrylic	White
60108-CL	4.00"	8.00"	Acrylic	Clear
60108-WH	4.00"	8.00"	Acrylic	White
60108-BR	4.00"	8.00"	Acrylic	Bronze
60110-CL	5.00"	10.00"	Acrylic	Clear
60110-WH	5.00"	10.00"	Acrylic	White
60110-BR	5.00"	10.00"	Acrylic	Bronze
60112-CL	6.00"	12.00"	Acrylic	Clear
60112-WH	6.00"	12.00"	Acrylic	White
60112-BR	6.00"	12.00"	Acrylic	Bronze
60114-CL	7.00"	14.00"	Acrylic	Clear
60114-WH	7.00"	14.00"	Acrylic	White
60114-BR	7.00"	14.00"	Acrylic	Bronze
60116-CL	8.00"	16.00"	Acrylic	Clear
60116-WH	8.00"	16.00"	Acrylic	White
60116-BR	8.00"	16.00"	Acrylic	Bronze

ITEM NO.	HEIGHT	DIA.*	MATERIAL	COLOR
60118-CL	9.00"	18.00"	Acrylic	Clear
60118-WH	9.00"	18.00"	Acrylic	White
60118-BR	9.00"	18.00"	Acrylic	Bronze
60120-CL	10.00"	20.00"	Acrylic	Clear
60120-WH	10.00"	20.00"	Acrylic	White
60120-BR	10.00"	20.00"	Acrylic	Bronze
60122-CL	11.00"	22.00"	Acrylic	Clear
60122-WH	11.00"	22.00"	Acrylic	White
60122-BR	11.00"	22.00"	Acrylic	Bronze
60124-CL	12.00"	24.00"	Acrylic	Clear
60124-WH	12.00"	24.00"	Acrylic	White
60124-BR	12.00"	24.00"	Acrylic	Bronze
60127-CL	13.50"	27.00"	Acrylic	Clear
60127-WH	13.50"	27.00"	Acrylic	White
60127-BR	13.50"	27.00"	Acrylic	Bronze
60130-CL	15.00"	30.00"	Acrylic	Clear
60130-WH	15.00"	30.00"	Acrylic	White
60130-BR	15.00"	30.00"	Acrylic	Bronze
60136-CL	18.00"	36.00"	Acrylic	Clear
60136-WH	18.00"	36.00"	Acrylic	White
60136-BR	18.00"	36.00"	Acrylic	Bronze

MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose.

Maximum working temperature is 90° C for Acrylic depending on products chosen.

Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

ITEM NUMBER SUFFIX CODES

STYLE NUMBER	COLOR	NECK
601XX = Acrylic	CL = CLEAR WH = WHITE BR = BRONZE	XX= Customized

Dimensions are nominal

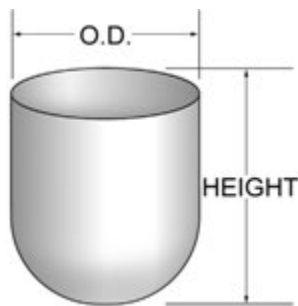
Dome Lenses

DESCRIPTION

Crown Plastics dome lenses are designed for commercial and residential post top and pendant applications.

MATERIALS

- **Polycarbonate** - UV stabilized with continuous operating temperature of 100°C to 125°C and high impact resistance down to -40°C, transmittance of 88% (application dependent). Polycarbonate dome lenses are available in clear or white.
- **Acrylic** - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic dome lenses are available in clear or white.



ITEM NO.	HEIGHT*	DIA.**	MATERIAL	COLOR
22008-CL	10.00"	8.00"	Acrylic	Clear
22008-WH	10.00"	8.00"	Acrylic	White
22009-CL	17.00"	9.50"	Acrylic	Clear
22009-WH	17.00"	9.50"	Acrylic	White
22010-CL	16.00"	10.00"	Acrylic	Clear
22010-WH	16.00"	10.00"	Acrylic	White
22012-CL	17.00"	12.25"	Acrylic	Clear
22012-WH	17.00"	12.25"	Acrylic	White
12008-CL	10.00"	8.00"	Polycarbonate	Clear
12008-WH	10.00"	8.00"	Polycarbonate	White
12009-CL	17.00"	9.50"	Polycarbonate	Clear
12009-WH	17.00"	9.50"	Polycarbonate	White
12010-CL	16.00"	10.00"	Polycarbonate	Clear
12010-WH	16.00"	10.00"	Polycarbonate	White
12012-CL	17.00"	12.25"	Polycarbonate	Clear
12012-WH	17.00"	12.25"	Polycarbonate	White

MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose.
 Maximum working temperature is 90° C for Acrylic and between 100° C and 125° C for Polycarbonates, depending on products chosen.
 Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

ITEM NUMBER SUFFIX CODES

STYLE NUMBER	COLOR	NECK
220XX = Acrylic 120XX = Polycarbonate	CL = CLEAR WH = WHITE	XX= Customized

*Height can be reduced upon request
 **Dimensions are nominal

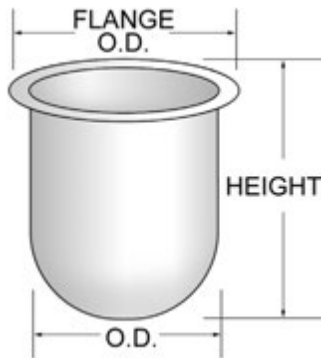
Flanged Dome Lenses

DESCRIPTION

Crown Plastics flanged dome lenses are designed for commercial and residential post top and pendant applications.

MATERIALS

- **Polycarbonate** - UV stabilized with continuous operating temperature of 100°C to 125°C and high impact resistance down to -40°C, transmittance of 88% (application dependent). Polycarbonate flanged dome lenses are available in clear or white.
- **Acrylic** - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic flanged dome lenses are available in clear or white.



ITEM NO.	HEIGHT	DIA.**	OD* (FLANGE)	MATERIAL	COLOR
22013-CL	17.38"	12.13"	13.13"	Acrylic	Clear
22013-WH	17.38"	12.13"	13.13"	Acrylic	White
12013-CL	17.38"	12.13"	13.13"	Polycarbonate	Clear
12013-WH	17.38"	12.13"	13.13"	Polycarbonate	White

MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose. Maximum working temperature is 90° C for Acrylic and between 100° C and 125° C for Polycarbonates, depending on products chosen. Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.

ITEM NUMBER SUFFIX CODES

STYLE NUMBER	COLOR	FLANGE
220XX = Acrylic 120XX = Polycarbonate	CL = CLEAR WH = WHITE	XX= Customized

*Acrylic flange can be extended upon request (Max Dia. 13.5")
Dimensions are nominal

Sheet Bend Diffusers

DESCRIPTION

Crown Plastics sheet bend diffusers are designed for commercial and residential post top or pendant mount applications. Sheet bend diffusers are custom made shapes to order per customer specifications.

MATERIALS

- **Acrylic** - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic sheet bend diffusers are available in clear, white, stippled and impact modified clear.
- **LD Acrylic (Visual Comfort)** - UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



MAXIMUM TEMPERATURES

No warranty or guarantee is expressed or implied as only the user can determine the suitability of a product for his or her purpose.

Maximum working temperature is 90° C for Acrylic and between 100° C and 125° C for Polycarbonates, depending on products chosen.

Actual wattage ratings are influenced by many factors including Fixture Type, Bulb Location and Ambient Temperature.