

TAPERED CYLINDERS

Tapered Cylinders

DESCRIPTION

Norton Industries tapered cylinders are designed for commercial and residential post top application.

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





ITEM NO.	OD	HEIGHT	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25900-CL	11.88"	16.00"	5.50"	5.75"	Acrylic	Clear
25900-WH	11.88"	16.00"	5.50"	5.75"	Acrylic	White
25900-LD	11.88"	16.00"	5.50"	5.75"	LD Acrylic	VC Frost
15900-CL	11.88"	16.00"	5.50"	5.75"	Polycarbonate	Clear
15900-WH	11.88"	16.00"	5.50"	5.75"	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 between100° 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
25900 = Acrylic 15900 = Polycarbonate	CL = CLEAR WH = WHITE LD = VC FROST





Flanged Tapered Cylinders

DESCRIPTION

Norton industries flanged tapered cylinders are designed for commercial and residential post top application.

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





ITEM NO.	OD (FLANGE)	HEIGHT	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25901-CL	12.27"	16.35"	7.22"	7.40"	Acrylic	Clear
25901-WH	12.27"	16.35"	7.22"	7.40"	Acrylic	White
25901-LD	12.27"	16.35"	7.22"	7.40"	LD Acrylic	VC Frost
25902-CL	11.00"	13.50"	7.25"	7.50"	Acrylic	Clear
25902-WH	11.00"	13.50"	7.25"	7.50"	Acrylic	White
25902-LD	11.00"	13.50"	7.25"	7.50"	LD Acrylic	VC Frost
15901-CL	12.27"	16.35"	7.22"	7.40"	Polycarbonate	Clear
15901-WH	12.27"	16.35"	7.22"	7.40"	Polycarbonate	White
15902-CL	11.00"	13.50"	7.25"	7.50"	Polycarbonate	Clear
15902-WH	11.00"	13.50"	7.25"	7.50"	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 between100° 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
2590X = Acrylic 1590X = Polycarbonate	CL = CLEAR WH = WHITE LD = VC FROST



TAPERED CYLINDERS

Hourglass Lens

DESCRIPTION

Norton Industries hourglass lenses are designed for commercial and residential post top application.

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





ITEM NO.	OD (FLANGE)	HEIGHT	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25910-CL	14.50"	12.50"	7.62"	7.81"	Acrylic	Clear
25910-WH	14.50"	12.50"	7.62"	7.81"	Acrylic	White
25910-LD	14.50"	12.50"	7.62"	7.81"	LD Acrylic	VC Frost
15910-CL	14.50"	12.50"	7.62"	7.81"	Polycarbonate	Clear
15910-WH	14.50"	12.50"	7.62"	7.81"	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 between100° 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
25910 = Acrylic 15910 = Polycarbonate	CL = CLEAR WH = WHITE LD = VC FROST



6" Smooth Cylinders

DESCRIPTION

Norton Industries cylinders are designed for commercial and residential applications and are available with a fitter neck and screw neck.

MATERIALS

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



ITER NECK (F)	ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
J 4	25006-CL-3F	6.12"	3.75"	2.81"	3.14"	Acrylic	Clear
	25006-WH-3F	6.12"	3.75"	2.81"	3.14"	Acrylic	White
02.81"							

SCREW NECK (S)



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ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25006-CL-3S	6.12"	3.75"	2.81"	3.24"	Acrylic	Clear
25006-WH-3S	6.12"	3.75"	2.81"	3.24"	Acrylic	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 between100° 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
25006 = Acrylic	CL = CLEAR WH = WHITE	3S = 3.24" Screw 3F = 3.14" Fitter



6" Prismatic Cylinders

DESCRIPTION

Norton Industries prismatic cylinders are designed for commercial and residential applications and are available with fitter neck and screw neck

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



FITTER NECK (F)	
02.81"	9



ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25106-CL-3F	6.12"	3.75"	2.81"	3.14"	Acrylic	Clear
25106-WH-3F	6.12"	3.75"	2.81"	3.14"	Acrylic	White
15106-CL-3F	6.12"	3.75"	2.81"	3.14"	Polycarbonate	White

SCREW NECK (S)





ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25106-CL-3S	6.12"	3.50"	2.81"	3.24"	Acrylic	Clear
25106-WH-3S	6.12"	3.50"	2.81"	3.24"	Acrylic	White
15106-CL-3S	6.12"	3.50"	2.81"	3.24"	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 between100° 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
25106 = Acrylic	CL = CLEAR WH = WHITE	3S = 3.24" Screw 3F = 3.14" Fitter



6" Prismatic Domed Cylinders

DESCRIPTION

Norton Industries prismatic domed cylinders are designed for commercial and residential applications and are available with fiter neck and screw neck.

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



FITTER	NEC	(F)	
	02.81' 03.14'	;	



ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25105-CL-3F	6.66"	4.00"	2.81"	3.14"	Acrylic	Clear
25105-WH-3F	6.66"	4.00"	2.81"	3.14"	Acrylic	White
15105-CL-3F	6.66"	4.00"	2.81"	3.14"	Polycarbonate	Clear
15105-WH-3F	6.66"	4.00"	2.81"	3.14"	Polycarbonate	White

SCREW NECK (S)



ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25105-CL-3S	6.66"	4.00"	2.81"	3.24"	Acrylic	Clear
25105-WH-3S	6.66"	4.00"	2.81"	3.24"	Acrylic	White
15105-CL-3S	6.66"	4.00"	2.81"	3.24"	Polycarbonate	Clear
15105-WH-3S	6.66"	4.00"	2.81"	3.24"	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 between100° 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
25105 = Acrylic	CL = CLEAR	3F= 3.14" Fitter
15105 = Polycarbonate	WH = WHITE	3S= 3.24" Screw



8" Prismatic Cylinders

DESCRIPTION

Norton Industries prismatic cylinders are designed for commercial and residential applications and are available with fitter neck and screw neck.

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





ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25108-CL-3F	7.80"	4.00"	2.81"	3.14"	Acrylic	Clear
25108-WH-3F	7.80"	4.00"	2.81"	3.14"	Acrylic	White
15108-CL-3F	7.80"	4.00"	2.81"	3.14"	Polycarbonate	Clear
15108-WH-3F	7.80"	4.00"	2.81"	3.14"	Polycarbonate	White

SCREW NECK (S)



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- 11			
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ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25108-CL-3S	7.80"	4.00"	2.81"	3.24"	Acrylic	Clear
25108-WH-3S	7.80"	4.00"	2.81"	3.24"	Acrylic	White
15108-CL-3S	7.80"	4.00"	2.81"	3.24"	Polycarbonate	Clear
15108-WH-3S	7.80"	4.00"	2.81"	3.24"	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 between100° 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
2	25108 = Acrylic	CL = CLEAR	3F= 3.14" Fitter
1	15108 = Polycarbonate		3S= 3.24" Screw





DESCRIPTION

MATERIALS

JELLY JARS



• Acrylic - UV resistant with continuous operating temperature up to 90°C and

available with fitter and screw necks.

transmittance of 92% (application dependent). Acrylic jelly jars are available in clear.



FITTER NECK (F)



ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25001-CL-3F	6.00"	3.50"	2.81"	3.14"	Acrylic	Clear

SCREW NECK (S)



ITEM NO.	HEIGHT	WIDTH	ID (NECK)	OD (NECK)	MATERIAL	COLOR
25001-CL-3S	6.00"	3.50"	2.81"	3.24"	Acrylic	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. Maximum working temperature is 90° C for Acrylic and between100° 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
25001 = Acrylic	CL = CLEAR	3F= 3.14" Fitter 3S= 3.24" Screw



SECURITY ENCLOSURES

Series 84202

DESCRIPTION

Norton Industries security enclosures are designed for commercial and residential pendant, canopy, and wall applications.

MATERIALS

• Acrylic - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic security enclosures are available in white.



ITEM NO.	HEIGHT	WIDTH	LENGTH	MATERIAL	COLOR
84202-WH	2.44"	4.53"	13.38"	Acrylic	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 depending on products chosen.

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

Series 84203

DESCRIPTION

Norton Industriess security enclosures are designed for commercial and residential pendant, canopy, and wall 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 security enclosures are available in clear.
- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic security enclosures are available in clear.
- LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



ITEM NO.	HEIGHT	WIDTH	LENGTH	MATERIAL	COLOR
84203-CL	4.01"	6.03"	10.50"	Acrylic	Clear
84203-LD	4.01"	6.03"	10.50"	LD Acrylic	VC Frost
84203-CC	4.01"	6.03"	10.50"	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. Maximum working temperature is 90° C for Acrylic and between100° 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.



SECURITY ENCLOSURES

Series 84204

DESCRIPTION

Norton Industries security enclosures are designed for commercial and residential pendant, canopy, and wall 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 security enclosures are available in clear.
- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic security enclosures are available in clear.
- LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).

ITEM NO.	HEIGHT	WIDTH	LENGTH	MATERIAL	COLOR
84204-CL	4.00"	5.35"	7.66"	Acrylic	Clear
84204-LD	4.00"	5.35"	7.66"	LD Acrylic	VC Frost
84204-CC	4.00"	5.35"	7.66"	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.

Maximum working temperature is 90° C for Acrylic and between100° 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.

Series 84205

DESCRIPTION

Norton Industries security enclosures are designed for commercial and residential pendant canopy, and wall 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 security enclosures are available in clear.
- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic security enclosures are available in clear.
- LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



ITEM NO.	HEIGHT	WIDTH	LENGTH	MATERIAL	COLOR
84205-CL	4.01"	10.63"	10.63"	Acrylic	Clear
84205-LD	4.01"	10.63"	10.63"	LD Acrylic	VC Frost
84205-CC	4.01"	10.63"	10.63"	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.

Maximum working temperature is 90° C for Acrylic and between100° 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.



SECURITY ENCLOSURES

Series 84206

DESCRIPTION

Norton Industries security enclosures are designed for commercial and residential pendant, canopy, and wall 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 security enclosures are available in clear.
- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic security enclosures are available in clear.
- LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



ITEM NO.	HEIGHT	WIDTH	LENGTH	MATERIAL	COLOR
84206-CL	2.38"	4.50"	13.06"	Acrylic	Clear
84206-LD	2.38"	4.50"	13.06"	LD Acrylic	VC Frost
84206-CC	2.38"	4.50"	13.06"	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.

Maximum working temperature is 90° C for Acrylic and between100° 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.



DRUM LENSES

11" Drum Lens

DESCRIPTION

Norton Industries drum lenses are designed for ceiling and wall mount commercial and residential applications.

MATERIALS

• Acrylic - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic drum lenses are available in white.



ITEM NO.	HEIGHT	DIA	MATERIAL	COLOR
25011-WH	2.81"	11.20"	Acrylic	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.

14" Drum Lens

DESCRIPTION

Norton Industries drum lenses are designed for ceiling and wall mount commercial and residential applications.

MATERIALS

• Acrylic - UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic drum lenses are available in white.



ITEM NO.	HEIGHT	DIA	MATERIAL	COLOR
25014-WH	3.00"	14.00"	Acrylic	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 between100° 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
2501X = Acrylic	WH = WHITE

Dimensions are nominal

Norton Ceiling Plastics | 3705 Carnegie Ave, Cleveland, OH 44115 | tel: 216.675.1490 | fax: 216.361.6508 | www.nortonceilingplastics.com



Series 84208

DESCRIPTION

Norton Inudstries 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

HIGH BAY REFLECTOR



- 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.





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.



16" HIGH BAY CONVEX LENS

Series 84209

DESCRIPTION

The 84209 16" High Bay Convex Lens was designed to fit on Norton'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.



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.



22" HIGH BAY DROP LENS

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 refletors 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.



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

Norton Industries 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 between100° 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



SPECIAL SHAPES

Acrylic Hemisoids

DESCRIPTION

Norton Industries 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 between100° 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



SPECIAL SHAPES

Acrylic Hemispheres

DESCRIPTION

Norton Industries 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

Norton Ceiling Plastics | 3705 Carnegie Ave, Cleveland, OH 44115 | tel: 216.675.1490 | fax: 216.361.6508 | www.nortonceilingplastics.com



Dome Lenses

DESCRIPTION

pendant applications.

clear or white.

MATERIALS

SPECIAL SHAPES



O.D. HEIGHT

Norton Industries dome lenses are designed for commercial and residential post top and

 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

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 between100° 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



SPECIAL SHAPES

Flanged Dome Lenses

DESCRIPTION

Norton Industries flanged dome lenses are designed for commerical 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 transmittence 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 between100° 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



SPECIAL SHAPES

Sheet Bend Diffusers

DESCRIPTION

Norton Industries 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 speecifications

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 between100° 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.



8" Cubes

DESCRIPTION

Norton Industries cubes are designed for commercial and residential post top and pendant applications and are available with straight necks, or custom neckless openings.

MATERIALS

- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic cubes are available in clear, white, bronze and smoke.
- · LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



CUSTOM (XX)	ITEM NO.	ID (NECK)	OD (NECK)	MATERIAL	COLOR
	20108-CL-XX	3.00"	3.50"	Acrylic	Clear
	20108-WH-XX	3.00"	3.50"	Acrylic	White
AVAILABLE WITHOUT NECK MINIMUM OPENING 3.00" MAX NECKLESS OPENING 4.50"	20108-BR-XX	3.00"	3.50"	Acrylic	Bronze
	20108-SM-XX	3.00"	3.50"	Acrylic	Smoke
	20108-LD-XX	3.00"	3.50"	LD Acrylic	VC Frost

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 between100° 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
20108 = Acrylic	CL = CLEAR WH = WHITE BR = BRONZE SM = SMOKE LD = VC FROST	XX = Customized



10" Cubes

DESCRIPTION

Norton Industries cubes are designed for commercial and residential post top and pendant applications and are available with straight necks, or custom neckless openings.

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 cubes are available in clear, white or bronze.
- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic cubes are available in clear, white, bronze or smoke.
- LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



CUSTOM (XX)



AVAILABLE WITHOUT NECK MINIMUM OPENING 4.00" MAX NECKLESS OPENING 5.50"



ITEM NO.	ID (NECK)	OD (NECK)	MATERIAL	COLOR
20110-CL-XX	4.00"	4.50"	Acrylic	Clear
20110-WH-XX	4.00"	4.50"	Acrylic	White
20110-BR-XX	4.00"	4.50"	Acrylic	Bronze
20110-SM-XX	4.00"	4.50"	Acrylic	Smoke
20110-LD-XX	4.00"	4.50"	LD Acrylic	VC Frost
10110-CL-XX	4.00"	4.50"	Polycarbonate	Clear
10110-WH-XX	4.00"	4.50"	Polycarbonate	White
10110-BR-XX	4.00"	4.50"	Polycarbonate	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 between100° 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
20110 = Acrylic 10110 = Polycarbonate	CL = CLEAR WH = WHITE BR = BRONZE SM = SMOKE LD = VC FROST	XX = Customized



12" Cubes

DESCRIPTION

Norton Industries cubes are designed for commercial and residential post top and pendant applications and are available with straight necks, and custom neckless openings.

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 cubes are available in clear, white or bronze.
- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic cubes are available in clear, white, bronze or smoke.
- LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



CUSTOM (XX)		ITEM NO.	ID (NECK)	OD (NECK)	MATERIAL	COLOR
<u> </u>		20112-CL-XX	6.00"	6.50"	Acrylic	Clear
		20112-WH-XX	6.00"	6.50"	Acrylic	White
6.500		20112-BR-XX	6.00"	6.50"	Acrylic	Bronze
MINIMUM OPENING 6.00" MAX NECKLESS OPENING 7.50"		20112-SM-XX	6.00"	6.50"	Acrylic	Smoke
		20112-LD-XX	6.00"	6.50"	LD Acrylic	VC Frost
		10112-CL-XX	6.00"	6.50"	Polycarbonate	Clear
		10112-WH-XX	6.00"	6.50"	Polycarbonate	White
		10112-BR-XX	6.00"	6.50"	Polycarbonate	Bronze

OPTIONAL ACCESSORIES

Aluminum Top Caps



97000-BLK 97000-WHT

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
20112 = Acrylic 10112 = Polycarbonate	CL = CLEAR WH = WHITE BR = BRONZE SM = SMOKE LD = VC FROST	XX = Customized



15" Cubes

DESCRIPTION

Norton Industries cubes are designed for commercial and residential post top and pendant applications and are available with straight necks, and custom neckless openings.

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 cubes are available in clear, white or bronze.
- Acrylic UV resistant with continuous operating temperature up to 90°C and transmittance of 92% (application dependent). Acrylic cubes are available in clear, white, bronze or smoke.
- LD Acrylic (Visual Comfort) UV resistant with continuous operating temperature up to 90°C and transmittance of 90% to 94% (application dependent).



CUSTOM (XX)



AVAILABLE WITHOUT NECK MINIMUM OPENING 6.00" MAX NECKLESS OPENING 7.50'



ITEM NO.	ID (NECK)	OD (NECK)	MATERIAL	COLOR
20115-CL-XX	6.00"	6.50"	Acrylic	Clear
20115-WH-XX	6.00"	6.50"	Acrylic	White
20115-BR-XX	6.00"	6.50"	Acrylic	Bronze
20115-SM-XX	6.00"	6.50"	Acrylic	Smoke
20115-LD-XX	6.00"	6.50"	LD Acrylic	VC Frost
10115-CL-XX	6.00"	6.50"	Polycarbonate	Clear
10115-WH-XX	6.00"	6.50"	Polycarbonate	White
10115-BR-XX	6.00"	6.50"	Polycarbonate	Bronze

OPTIONAL ACCESSORIES

Aluminum Top Caps



97000-WHT

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 between100° 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
20115 = Acrylic 10115 = Polycarbonate	CL = CLEAR WH = WHITE BR = BRONZE SM = SMOKE LD = VC FROST	XX = Customized