

# CLEAR SURFACE

Round Surface Mount Luminaire

# SCHMITZ

## DESCRIPTION

CLEAR is a comprehensive family of round, square, and rectangular forms for ceiling, wall, and pendant mounting. The luminaires are available in varying sizes to complement a wide variety of interior architecture and may be mixed and matched to provide visual interest. The round CLEAR model for surface mounting is available in four diameters ranging from 13" to 33.5", all with a shallow profile of only 3.5". Lens is matte acrylic to provide diffused illumination. A clear acrylic lens on the top of the shade provides uplight to produce distinctive corona on the ceiling around the luminaire.

## FEATURES

- Designed in Germany, assembled in USA
- Decorative surface mounted luminaire in four diameters
- Shallow profile of only 3.5"
- Formed aluminum housing
- Matte acrylic lens
- Direct diffuse distribution with 8% uplight for accenting
- White or silver finish



Date: \_\_\_\_\_ Type: \_\_\_\_\_ Catalog Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

## ORDERING INFORMATION

LUMINAIRE						
MODEL	VARIANT	DIAMETER/OUTPUT	CCT/CRI	VOLTAGE	FINISH	DIMMING
CLEAR	RS Round Surface	<b>340</b> 340mm / 13.4"	<b>830</b> 3000K, CRI>80	UNV 120v - 277v	<b>WH</b> White	<b>DIM</b> 0-10V
		<b>450</b> 450mm / 17.7"	<b>840</b> 4000K, CRI>80		<b>SI</b> Silver	
		<b>625</b> 625mm / 24.6"				
		<b>850</b> 850mm / 33.5"				

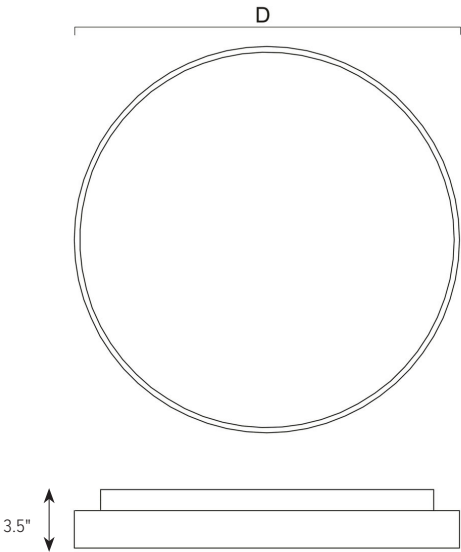
PRODUCT SPECIFICATIONS

HOUSING	Spun aluminum housing. Extruded and formed aluminum shade
LENS	Bottom lens is matte acrylic, upper lens for uplight is clear acrylic
DIAMETERS	13.4" (340mm), 17.7" (450mm), 24.6" (625 mm), 33.5" (850mm)
MOUNTING	Ceiling or Wall
CORRELATED COLOR TEMPERATURE	3000K or 4000K
COLOR RENDERING INDEX	RA > 80 3 SDCM
DRIVER	Universal 120v-277v, 50/60 Hz. Optional 0-10v dimming
INPUT WATTS	340mm - 16 watts 450mm - 28 watts 625mm - 56 watts 850mm - 106 watts
LUMEN MAINTENCE	50,000 Hours (L80/B10)
DISTRIBUTION	Diffuse direct with 8% uplight
CERTIFICATION	CSA/US for Damp locations
PROTECTION LEVEL	IP20

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

Model	Diameter (D)	Weight
CLEAR-RS-340	13.4"	7.3 lbs
CLEAR-RS-450	17.7"	10.4 lbs
CLEAR-RS-625	24.6"	14.3 lbs
CLEAR-RS-850	33.5"	28.2 lbs



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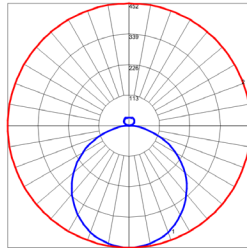
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## PHOTOMETRICS

### PHOTOMETRIC FILENAME

#### CLEAR-RS-340-830.IES

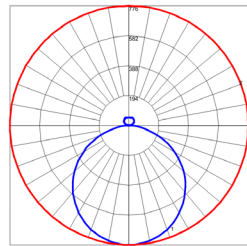
Center Beam Candlepower Beam °	453
Direct Component - (Lumens)	1,286
Indirect Component - (Lumens)	114
<b>Total Lumens</b>	<b>1,400</b>



### PHOTOMETRIC FILENAME

#### CLEAR-RS-450-830.IES

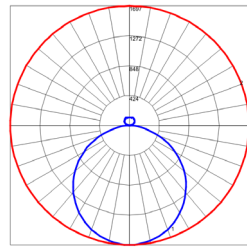
Center Beam Candlepower Beam °	776
Direct Component - (Lumens)	2,205
Indirect Component - (Lumens)	195
<b>Total Lumens</b>	<b>2,400</b>



### PHOTOMETRIC FILENAME

#### CLEAR-RS-625-830.IES

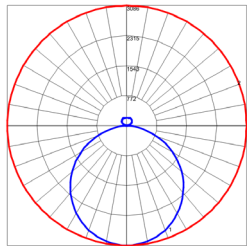
Center Beam Candlepower Beam °	1,697
Direct Component - (Lumens)	4,823
Indirect Component - (Lumens)	426
<b>Total Lumens</b>	<b>5,249</b>



### PHOTOMETRIC FILENAME

#### CLEAR-RS-850-830.IES

Center Beam Candlepower Beam °	3,086
Direct Component - (Lumens)	8,774
Indirect Component - (Lumens)	775
<b>Total Lumens</b>	<b>9,549</b>



Photography References:

Sophie-Barat-Schule, Hamburg, Deutschland  
 Architektur: Architekten Haslob, Kruse und Partner, Bremen  
 Planung: IWP Ingenieure, Schaller Warnke Peters Partnerschaft, Elmshorn  
 Installateur: Fritsche Elektrotechnik, Norderstedt  
 Fotografie: Jan Haeselich, Hamburg

Städt. Musikschule Bamberg, Deutschland  
 gkt Architekten, Grellmann, Kriebel, Teichmann, Würzburg  
 Fotografie: Gerhard Hagen, Bamberg

**EXPERIENCE**  
BRANDS

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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear on [www.lampnorthamerica.com](http://www.lampnorthamerica.com) are the most recent ones available.

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