

CLEAR

Round Surface Mount Luminaire

SCHMITZ

By Nordeon USA

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



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.

Date: _____	Type: _____	Catalog Number: _____
Project Name: _____		

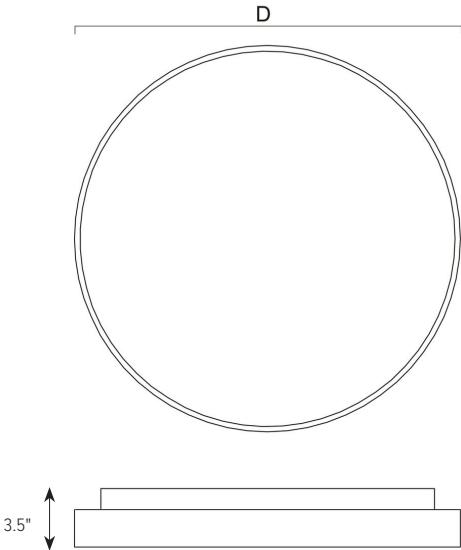
ORDERING INFORMATION

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

DIMENSIONS / WEIGHT

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

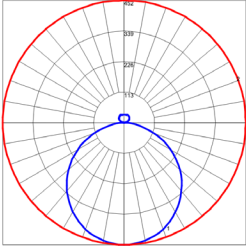


PRODUCT SPECIFICATIONS

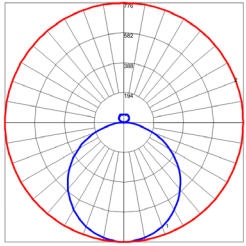
HOUSING	Spun aluminum housing. Extruded and formed aluminum shade
LENS	Bottom lens is matte acrylic, upper lens for uplight is clear acrylic
DIAMETERS	13.4" (340mm), 17.7" (450mm), 24.6" (625 mm), 33.5" (850mm)
MOUNTING	Ceiling or Wall
CORRELATED COLOR TEMPERATURE	3000K or 4000K
COLOR RENDERING INDEX	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 MAINTENANCE	50,000 Hours (L80/B10)
DISTRIBUTION	Diffuse direct with 8% uplight
CERTIFICATIONS	 CSA / US for Damp Locations
INGRESS PROTECTION	IP20

PHOTOMETRICS

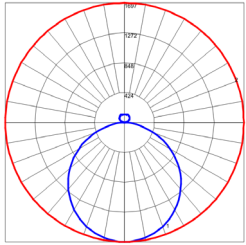
PHOTOMETRIC FILENAME	
CLEAR-RS-340-830.IES	
Center Beam Candlepower Beam °	453
Direct Component - (Lumens)	1,286
Indirect Component - (Lumens)	114
Total Lumens	1,400

A circular photometric beam spread diagram for the CLEAR-RS-340-830.IES luminaire. It features a red outer circle representing the full beam spread and a blue inner circle representing the center beam. The diagram is overlaid on a grid of concentric circles and radial lines, indicating the distribution of light across different angles.

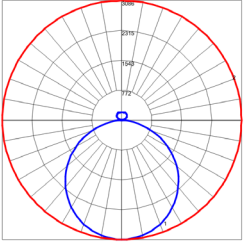
PHOTOMETRIC FILENAME	
CLEAR-RS-450-830.IES	
Center Beam Candlepower Beam °	776
Direct Component - (Lumens)	2,205
Indirect Component - (Lumens)	195
Total Lumens	2,400

A circular photometric beam spread diagram for the CLEAR-RS-450-830.IES luminaire. It features a red outer circle representing the full beam spread and a blue inner circle representing the center beam. The diagram is overlaid on a grid of concentric circles and radial lines, indicating the distribution of light across different angles.

PHOTOMETRIC FILENAME	
CLEAR-RS-625-830.IES	
Center Beam Candlepower Beam °	1,697
Direct Component - (Lumens)	4,823
Indirect Component - (Lumens)	426
Total Lumens	5,249

A circular photometric beam spread diagram for the CLEAR-RS-625-830.IES luminaire. It features a red outer circle representing the full beam spread and a blue inner circle representing the center beam. The diagram is overlaid on a grid of concentric circles and radial lines, indicating the distribution of light across different angles.

PHOTOMETRIC FILENAME	
CLEAR-RS-850-830.IES	
Center Beam Candlepower Beam °	3,086
Direct Component - (Lumens)	8,774
Indirect Component - (Lumens)	775
Total Lumens	9,549

A circular photometric beam spread diagram for the CLEAR-RS-850-830.IES luminaire. It features a red outer circle representing the full beam spread and a blue inner circle representing the center beam. The diagram is overlaid on a grid of concentric circles and radial lines, indicating the distribution of light across different angles.

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