

E^SLINE



*FOR THOSE
WHO WANT
THE BEST...*

SR*ound*







SRound

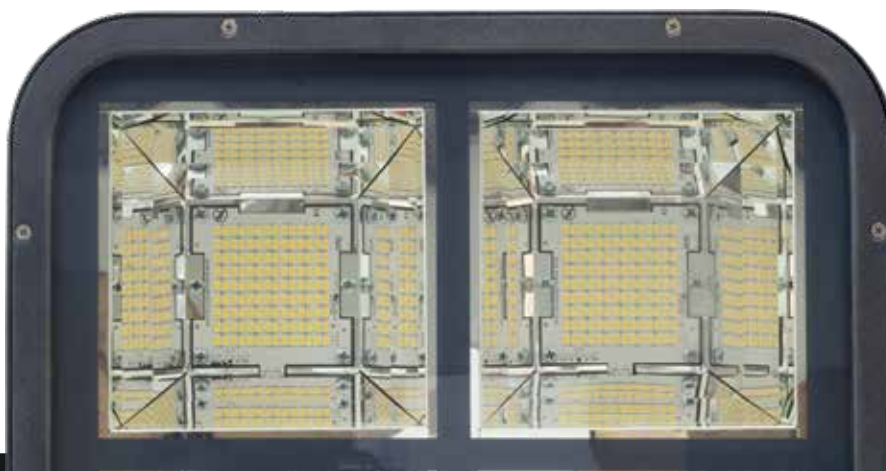
SRound, (at 75 °C) has a product life which is 2 times longer than fluorescent luminaires and 6 times longer than metal halide luminaires due to its luminaire life with over 60.000 hours.

It provides 75% energy saving in comparison to equivalent fluorescent and metal halide luminaires because of its high efficiency reaching to 162 lm/W.

SRound determines the new trend of market, which makes no compromises from its performance and its 60.000 - hour long life in working ambient temperature in range of -35 °C + 75 °C.

SRound contains superior housing properties together with its 7,8 kg weight and IK09 impact strength class.

SRound is providing ability to be suspended from well as busbar and ceiling suspension options, covers the need of lighting at all industrial facilities from factories to workshops.





IK 09 **IMPACT STRENGTH***

Robust resistant housing structure.
IK Class 09

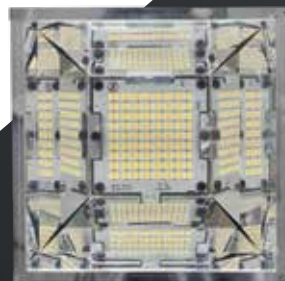
*IK09 is valid for fragile parts of luminaire.



interior *outdoor*
environment *environment*

IP65-IP66 **PROTECTION CLASS**

SRound having IP66 protection class, shows maximum resistance in many fields of industry.



UNIQUE **OPTICAL DESIGN**

3 different optical luminescence options provide **S**Round to be used in a wide range. It carries its specially designed optical efficiency to the top level via MIRO® 04 aluminum reflectors.

UGR: < 22



60°
Arena



90°
Lowbay



110°
Low Lowbay



Asymmetric



In models reaching up to 75 °C **60.000 HOURS LIFE**

@ Luminaire life exceeding 60.000 hours at ambient temperature of 75°C

Led Life - L70 : 60.000 @ Ta = 75 °C

Note: Driver life 50.000 hours.



Up to 162 lm/W'* ***HIGH EFFICIENCY***

Efficiency starting from 135 lm/W and up to 162 lm/W.

*Lumen values of the product.

MULTIPLE USAGE

It provides dual-use due to special design T profile.



Dual **SRound**



Single **SRound**

TEMPERED GLASS WITH SECURITY FILM



Glass covered with security film preventing glass particles to fall in case of breakage on glass.

WORKING AMBIENT TEMPERATURE IN RANGE OF

 ***-35 °C and + 75 °C*** 

Its has a wide working ambient temperature due to its superior housing design.

SRound v2

ARENA (60°)

HIGH-BAY LUMINAIRE

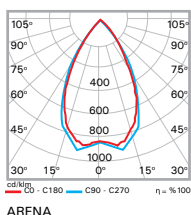
SRound put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed housing.



Technical Specifications

Housing	: Aluminum injection housing
Optical	: Miro silver reflector
Diffuser	: Tempered transparent glass
Light Source	: Mid Power LED
Power	: 56 W / 62 W / 76 W / 79 W / 87 W / 92 W / 100 W 132 W / 163 W / 222W
Lumen	: 9049lm / 9195lm / 11677lm / 11121lm / 13292lm 12605lm / 15163lm / 19231lm / 25448lm / 31636lm
Input Voltage	: 220-240V AC 50/60 Hz
Color Temperature	: 4000K / 5700K / 6500K
CRI	: > 80
IP	: IP65
Installation	: Pendant / Surface Mounted
Installation Colors	: SW 306G

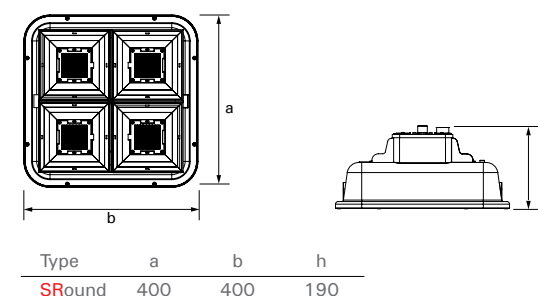
Photometric Curve



Options

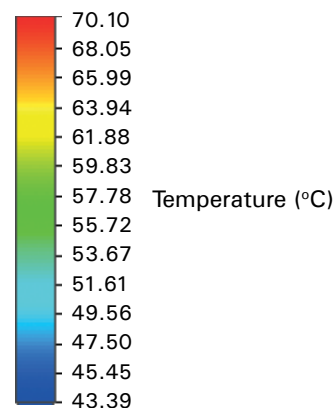
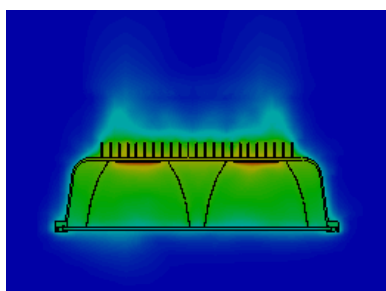
Emergency Kit Compatibility	: Yes (1-3 Hour)
DALI Compatibility	: Yes

Technical Drawing



TERMAL PERFORMANCE

It shows maximum performance in industrial application fields with its specially designed compact housing which provides homogenous heat distribution.



Note: During product design, thermal distribution analysis of SRound obtained results close to 99% by using FloEFD thermal analysis program.



SRound v2

LOWBAY (90°)

LOW LOWBAY (110°) Sanded Glass

HIGH-BAY LUMINAIRE

SRound put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed housing.



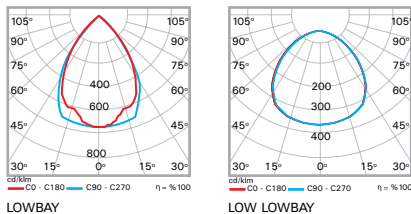
Technical Specifications

Housing	: Aluminum injection housing
Optical	: Miro silver reflector
Diffuser	: Tempered transparent glass / Tempered sanded glass
Light Source	: Mid Power LED
Power	
Lowbay	: 56 W / 62 W / 76 W / 79 W / 87 W / 92 W / 100 W 132 W / 163 W / 222W
Low Lowbay	: 56 W / 60 W / 75 W / 78 W / 87 W / 91 W
Lumen	
Lowbay	: 9061lm / 9057lm / 11590lm / 11011lm / 13313lm / 12446lm 15013lm / 19316lm / 25253lm / 31636lm
Low Lowbay	: 7928lm / 8118lm / 10421lm / 9921lm / 11868lm / 11213lm
Input Voltage	: 220-240V AC 50/60 Hz
Color Temperature	: 4000K / 5700K / 6500K
CRI	: > 80
IP	: IP65
Installation	: Pendant / Surface Mounted
Installation Colors	: SW 306G

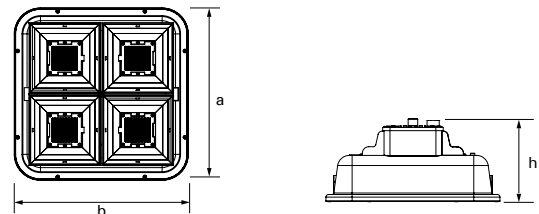
Options

Emergency Kit Compatibility	: Yes (1-3 Hour)
DALI Compatibility	: Yes
Angle Options	: 90°, 110°
Glass Options	: Sanded Glass

Photometric Curve

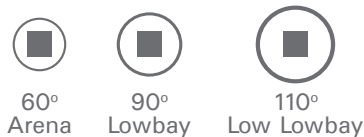


Technical Drawing



Type	a	b	h
SRound	400	400	190

SRound provides the opportunity to be applied to different ceiling heights due to its rich optical variety.



Optic
Options



SRound v2

ASYMMETRIC



HIGH-BAY LUMINAIRE

SRound put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed body.



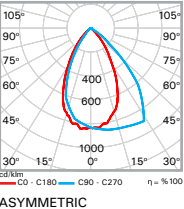
Technical Specifications

Housing	: Aluminum injection housing
Optical	: Miro silver reflector
Diffuser	: Tempered transparent glass
Light Source	: Mid Power LED
Power	: 56 W / 74 W / 87 W / 98 W / 132 W
Lumen	: 8676lm / 10982lm / 12978lm / 14482lm / 18746lm
Input Voltage	: 220-240V AC 50/60Hz
Color Temperature	: Warm White / Natural White / Cool White
CRI	: > 80
IP	: IP65
Installation	: Pendant / Surface Mounted
Colors	: SW 306G

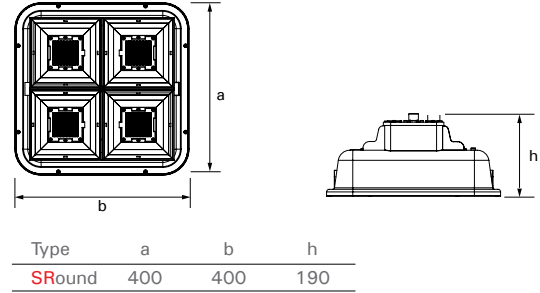
Options

Emergency Kit Compatibility	: Yes (1-3 Hour)
DALI Compatibility	: Yes

Photometric Curve



Technical Drawing



Type	a	b	h
SRound	400	400	190



SRound v2 INDUSTRY

ARENA (60°) - LOWBAY (90°)

HIGH-BAY LUMINAIRE

SRound put into use more quickly by being mounted from a single point, meets all lighting requirements of industrial facilities. It provides high protection against water and dust with its simply-designed housing

-35°C +75°C



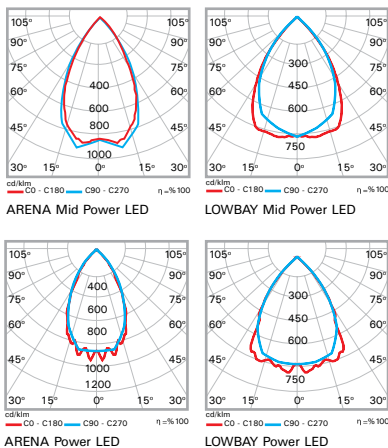
Technical Specifications

Housing	: Aluminum injection housing	
Optical	: Miro silver reflector	
Diffuser	: Tempered transparent glass	
Light Source	: Mid Power LED, Power LED	
Power	Arena/Mid Power LED 56 W / 76 W / 88 W Arena/Power LED 68 W / 136 W Lowbay/Mid Power LED 56 W / 76 W / 88 W Lowbay/Power LED 68 W / 136 W	
Lumen	Arena/Mid Power LED 8927lm / 11690lm / 13461lm Arena/Power LED 9805lm / 18429lm Lowbay/Mid Power LED 8820lm / 11576lm / 13376lm Lowbay/Power LED 9679lm / 18217lm	
Input Voltage	: 220-240V AC 50/60 Hz	
Color Temperature	: 4000K / 5700K / 6500K	
CRI	: Mid Power LED : > 80 Power LED : > 70	
IP	: IP65	
Installation	: Pendant / Surface Mounted	
Installation Colors	: SW 306G	

Options

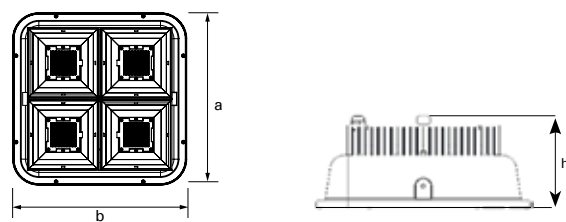
DALI Compatibility	: Yes
Angle Options	: 60°, 90°
IP Options	: IP65-IP66

Photometric Curve



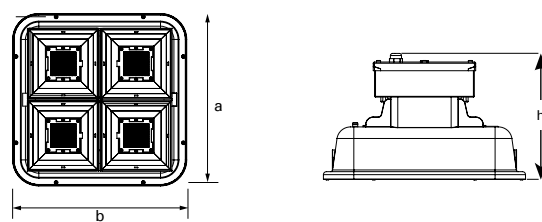
Technical Drawing

MID Power LED Model



Type	a	b	h
SRound In.	400	400	190

Power LED Model



Type	a	b	h
SRound In.	400	400	253

PURCHASE ORDER TABLE

ARENA Models

Product Type	Product Code	Power (W)	Weight (kg)	Working Ambient Temperature (°C)
56 W (4000K)	SRD 056U 40FS00 AR 9K10 V.2.504	56,1	8,2	-25°C / +60°C
62 W (4000K)	SRD 062U 40FS00 AR 9K20 V.2.252	61,9	8,2	-25°C / +55°C
76 W (4000K)	SRD 076U 40FS00 AR 11K7 V.2.504	76,3	8,2	-25°C / +50°C
79 W (4000K)	SRD 079U 40FS00 AR 11K1 V.2.252	78,8	8,2	-25°C / +45°C
87 W (4000K)	SRD 087U 40FS00 AR 13K3 V.2.504	86,9	8,2	-25°C / +50°C
92 W (4000K)	SRD 092U 40FS00 AR 12K6 V.2.252	91,5	8,2	-25°C / +45°C
100 W (4000K)	SRD 100U 40FS00 AR 15K1 V.2.504	100,3	8,2	-25°C / +45°C
132 W (4000K)	SRD 132U 40FS00 AR 19K2 V.2.504	132,4	8,2	-25°C / +40°C
163 W (4000K)	SRD 163U 40FS00 AR 25K0 V.2.504	162,7	8,2	-25°C / +40°C
222W (4000K)	SRD 225U 40FS00 AR 31K6 V.2.144 HLV	221,8	8,2	-25°C / +40°C
222W (4000K)	SRD 225U 40FS00 AR 31K6 V.2.144 TRD	221,8	8,2	-25°C / +45°C

LOWBAY Models

56 W (4000K)	SRD 056U 40FS00 LB 9K10 V.2.504	56,2	8,2	-25°C / +60°C
62 W (4000K)	SRD 062U 40FS00 LB 9K20 V.2.252	61,9	8,2	-25°C / +55°C
76 W (4000K)	SRD 076U 40FS00 LB 11K7 V.2.504	76,6	8,2	-25°C / +50°C
79 W (4000K)	SRD 079U 40FS00 LB 11K1 V.2.252	78,8	8,2	-25°C / +45°C
87 W (4000K)	SRD 087U 40FS00 LB 13K3 V.2.504	86,7	8,2	-25°C / +50°C
92 W (4000K)	SRD 092U 40FS00 LB 12K6 V.2.252	91,5	8,2	-25°C / +45°C
100 W (4000K)	SRD 100U 40FS00 LB 15K1 V.2.504	100,3	8,2	-25°C / +45°C
132 W (4000K)	SRD 132U 40FS00 LB 19K2 V.2.504	132,7	8,2	-25°C / +40°C
163 W (4000K)	SRD 163U 40FS00 LB 25K0 V.2.504	162,8	8,2	-25°C / +40°C
222W (4000K)	SRD 225U 40FS00 LB 31K6 V.2.144 HLV	221,8	8,2	-25°C / +40°C
222W (4000K)	SRD 225U 40FS00 LB 31K6 V.2.144 TRD	221,8	8,2	-25°C / +45°C

LOW LOWBAY Models

56 W (4000K)	SRD 056U 40FS00 XW 9K10 V.2.504	55,3	8,2	-25°C / +60°C
60 W (4000K)	SRD 062U 40FS00 XW 9K20 V.2.252	60,5	8,2	-25°C / +55°C
75 W (4000K)	SRD 076U 40FS00 XW 11K7 V.2.504	76,6	8,2	-25°C / +50°C
78 W (4000K)	SRD 079U 40FS00 XW 11K1 V.2.252	78	8,2	-25°C / +45°C
87 W (4000K)	SRD 087U 40FS00 XW 13K3 V.2.504	86,9	8,2	-25°C / +50°C
91 W (4000K)	SRD 092U 40FS00 XW 12K6 V.2.252	90,7	8,2	-25°C / +45°C

ASYMMETRIC Models

56 W (4000K)	SRD 056U 40FS00 AS 8K67 V.2.504	56,2	8,2	-25°C / +60°C
74 W (4000K)	SRD 074U 40FS00 AS 10K9 V.2.504	73,5	8,2	-25°C / +50°C
87 W (4000K)	SRD 087U 40FS00 AS 12K9 V.2.504	86,8	8,2	-25°C / +50°C
98 W (4000K)	SRD 098U 40FS00 AS 14K4 V.2.504	98	8,2	-25°C / +45°C
132 W (4000K)	SRD 132U 40FS00 AS 18K7 V.2.504	132,1	8,2	-25°C / +40°C

ARENA INDUSTRY Mid Power LED

Product Type	Product Code	Power (W)	Weight (kg)	Working Ambient Temperature (°C)
56 W (4000K)	SRD 056U 40FS24 AR 9K10 V.2.504 MPEND	56,1	8,4	-35°C / +70°C
76 W (4000K)	SRD 076U 40FS24 AR 11K7 V.2.504 MPEND	75,4	8,4	-35°C / +60°C
88 W (4000K)	SRD 087U 40FS24 AR 13K3 V.2.504 MPEND	88,5	8,4	-35°C / +60°C

LOWBAY INDUSTRY Mid Power LED

56 W (4000K)	SRD 056U 40FS24 LB 9K10 V.2.504 MPEND	56	8,4	-35°C / +70°C
76 W (4000K)	SRD 076U 40FS24 LB 11K7 V.2.504 MPEND	75,5	8,4	-35°C / +60°C
88 W (4000K)	SRD 087U 40FS24 LB 13K3 V.2.504 MPEND	88,7	8,4	-35°C / +60°C

ARENA INDUSTRY Power LED

68 W (4000K)	SRD 068U 40FS24 AR 10K5 V.2.88 PEND	67,8	11,4	-35°C / +75°C
68W (4000K) IP66	SRD 068U 40FS24 AR 10K5 66 V.2.88 PEND	67,8	11,4	-35°C / +75°C
136 W (4000K)	SRD 137U 40FS24 AR 18K0 V.2.88 PEND	136,6	11,4	-35°C / +60°C
136W (4000K) IP66	SRD 137U 40FS24 AR 18K0 66 V.2.88 PEND	136,6	11,4	-35°C / +60°C

LOWBAY INDUSTRY Power LED

68 W (4000K)	SRD 068U 40FS24 LB 10K5 V.2.88 PEND	67,9	11,4	-35°C / +75°C
68W (4000K) IP66	SRD 068U 40FS24 LB 10K5 66 V.2.88 PEND	67,9	11,4	-35°C / +75°C
136 W (4000K)	SRD 137U 40FS24 LB 18K0 V.2.88 PEND	136,5	11,4	-35°C / +60°C
136W (4000K) IP66	SRD 137U 40FS24 LB 18K0 66 V.2.88 PEND	136,5	11,4	-35°C / +60°C

Sround v2 MODELS

Sround INDUSTRY v2 MODELS



SUSPENSION SET

SIZES AND TYPES



MULTIPLE USAGE

It provides dual-use due to special design T profile.



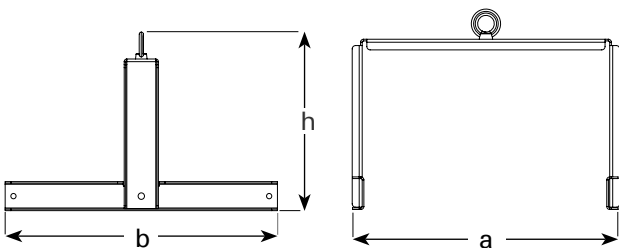
Single **SRound**



Dual **SRound**



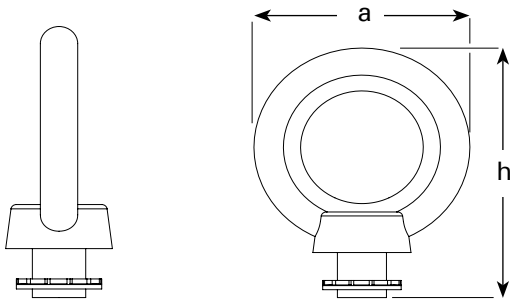
DOUBLE HANGER SET



a	b	h	Weight
365 mm	470 mm	300 mm	2.7 kg

Order Code : 3093653
Product Code : SRD Double S. TK

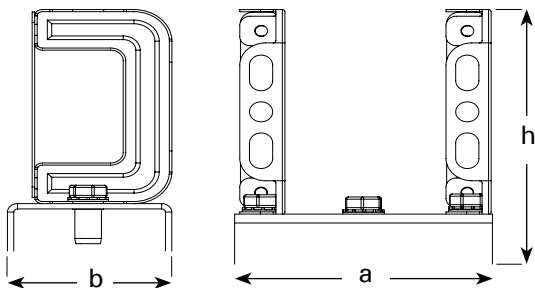
SINGLE POINT SUSPENSION SET



a	h	Weight
44 mm	55 mm	0,025 kg

Order Code : 3096325
Product Code : SRD SINGLE
POINT SUSPENSION SET

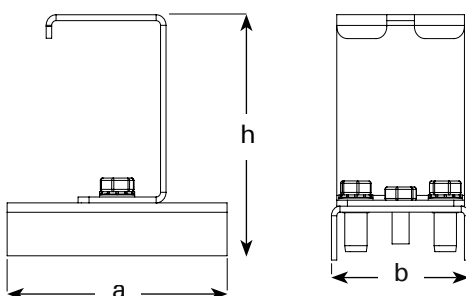
BUSBAR MOUNTING SET



a	b	h	Weight
100 mm	65 mm	114,5 mm	0,3 kg

Order Code : 3096326
Product Code : SRD BUSBAR
MOUNTING SET

CABLE TRAY SET



a	b	h	Weight
100 mm	65 mm	102,5 mm	0,4 kg

Order Code : 309634
Product Code : SRD CABLE TRAY
SUSPENSION SET

OPERATION COST ANALYSIS



400 W
Metal Halide

4x54 W
REVO Fluorescent

132 W
SRound

Light Level (Eort)	350 lux	350 lux	350 lux
Bulb Life (Hour)	8.000	23.000	60.000
Luminaire Number (Pieces)	25	30	20
Bulb Number (Pieces)	25	120	0
Bulb Power (W)	400	216	120
Balast / Driver (W)	50	16	12
Luminaire Power (W)	450 W	232 W	132 W
Total Consumption Power (kW)	11.3 kW	7,0 kW	2,6 kW
Annual Bulb Changing Cost (\$)	360,00	61,31	0,00
Daily Working Hours (Hour / Day)	16	16	16
Annual Working Day Number	330,0	330,0	330,0
Annual Working Hours (Hour / Year)	5,280	5.280	5.280
Energy Unit Price (\$/kwh)	0,10	0,10	0,10

Annual Energy Cost (\$) 5,940,00 3,674,88 1.393,92

Annual Operation Cost (\$/Year) 6.300,00 3.736,19 1.393,92

Annual Earning (\$/Year) REFERENCE -1

REFERENCE -2



4.906,08
ANNUAL EARNING

(Changing Metal Halide With SRound)



2.342,27
ANNUAL EARNING

(Changing 4x54 Revo Fluorescent With SRound)

INVESTMENT RETURN ANALYSIS

NEW INVESTMENT

400 W
Metal Halide
REFERENCE PRODUCT



6 MONTHS



132 W
SRound

4x54 Revo
Fluorescent
REFERENCE PRODUCT



12 MONTHS



132 W
SRound

REFIT

400 W
Metal Halide
REFERENCE PRODUCT



12 MONTHS



132 W
SRound

4x54 Revo
Fluorescent
REFERENCE PRODUCT



24 MONTHS

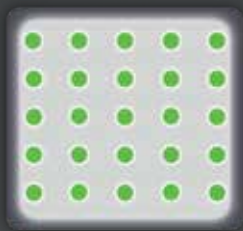


132 W
SRound

ENERGY SAVING ANALYSIS

SAMPLE AREA

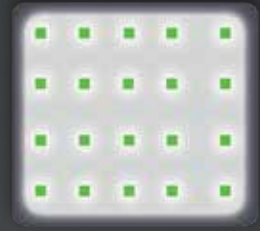
Height: 12m Area: 30x30 m²



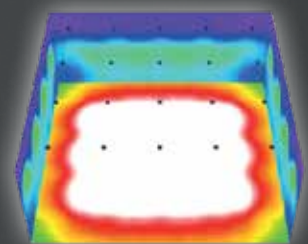
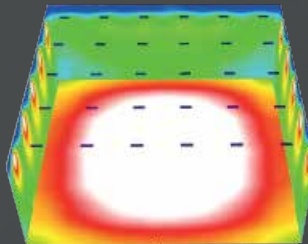
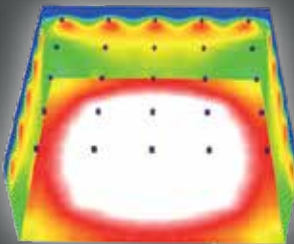
400 W Metal Halide
25 Pieces



4x54 W Revo Fluorescent
30 Pieces



132 W SRound LED Luminaire
20 Pieces



350 lux is the average light value of all luminaires.

Light Level	350 lux	350 lux	350 lux
Luminaire Number	25	30	20
Luminaire Power (W)	450 W	232 W	132 W
Total Consumption Power (kW)	11,3 kW	6,9 kW	2,6 kW

REFERENCE
PRODUCT 1

REFERENCE
PRODUCT 2

%74 (Changing Metal Halide With SRound)
Energy Saving

%53 (Changing 4x54 Revo Fluorescent With SRound)
Energy Saving

PRODUCT KEY CODES

S	R	D	0	5	6	U	4	0	F	S	0	0	L	B	9	K	1	V	2	504	MPEND	
Product Code			Power Consumption				Diffuzor Detail						Luminaire Type		Lumen		Versiyon		LED Pieces		Model	
SRD			56				Single Filmed						AR: Arena		Sample		V		504		MPEND	
			62										LB: LowBay		9K1: 9100				252		PEND	
			76										XW: Low LowBay									
			79																			
			87				Kelvins															
			92				4000						Driver Code									
			100				5700						00: Standard									
			132				6500						01: 1 Hour Emergency Kit									
			163										02: 3 Hours Emergency Kit									
			220										03: DALI									
													04: DALI + 1 Hour Emergency Kit									
													05: DALI + 3 Hours Emergency Kit									
													06: Industrial									
													24: Industrial + DALI									

CE



APPLICATION AREAS



HEAVY INDUSTRY FACILITIES



IRON & STEEL INDUSTRY



AUTOMATIVE INDUSTRY



FOOD INDUSTRY



LOGISTIC FACILITIES

Notes

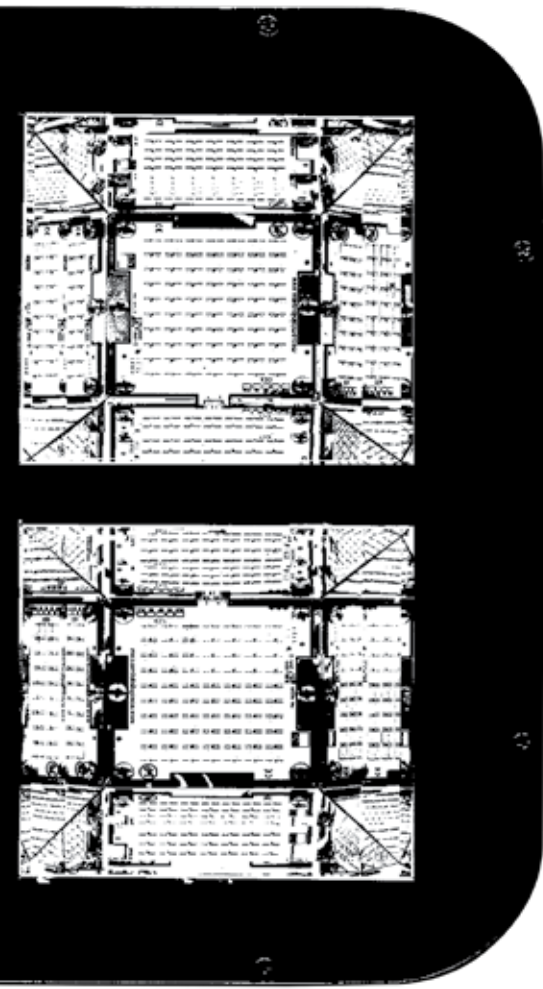
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Notes

[illegible]



Quickly Reach **SRound**



SRound

EAE LIGHTING-Brochure **SRound-ENG**-Update Date: 16.01.2018
EAE, is provided with the right to perform changes deemed necessary without notifying in advance.
Please contact us for further information about products and details partaking in catalogue.



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engineering the light