CLEAN ROOM LUMINAIRES

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LUMINAIRES FOR CLEAN ROOM ENVIRONMENTS

It is an evident and global fact that health is the most important thing and among all the products, clean room lighting elements are the major players in lighting industry to support healthcare. With the constantly improving technology, clean rooms are used in various areas as pharmaceutical facilities, laboratories, hospitals and food processing. The importance of clean room environments are increasing and the need to build them up precisely tends to rise up, especially with the effect of microelectronics.

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IKIZLER LIGHTING CLEAN ROOM SOLUTIONS

Clean rooms are built for many different applications from healthcares to food processing plants; and every field has its own requirements of illuminance. Ikizler offers suitable options for the specific requirements with multiple options of IP - IK ratings, different lumen, UGR, CCT and controlling options. Besides the wide standard range, Ikizler also has the flexibility to customize products almost to a tailor-made point for the needs of the areas to be used. This flexibility also results in a precise integrity of the luminaires with ceiling and other elements of the rooms. Luminaires are in confirmation with the related standards (CE, EMC, RoHS)

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SHIELD

IP65 Clean Room Luminaire

SHIELD Clean Room Luminaire series is used for the majority of clean rooms where the luminaire has to adapt the hygenic needs of environments.

-Direct lighting - wide beam for general illuminance.
-UGR<22 as standard - UGR<19 optional
-Tempered clear glass diffuser for clean room suitability
-Opal diffuser beneath the glass to provide homogenous lighting.
-Electrostatic powder painted durable metal body
-Monobloc poliuretan gasket to provide IP65 rating.
-Chrome plated screws hidden under chrome plated caps to fix the glass.
-Suitable for automation (DALI, 1-10V), human-centric (Tunable) lighting, emergency back-up battery

Options:
-GST connector
-Security ceiling seismic suspension kit
-Glass security fixation system (to hold glass from one side during installation - maintenance.)
-Various sizes and options to fit different ceilings

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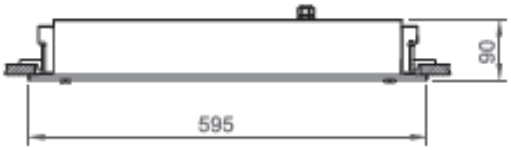
Shield-G 600 Recessed

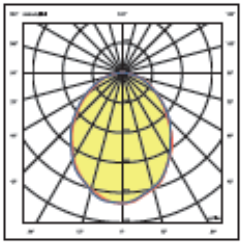


Standard Colours

RAL 9016 | RAL 9006 | RAL 9005

Body	Electrostatic powder painted sheet steel
Diffuser	Tempered, transparent glass
Optics	Opal PS diffuser
Light Source	L80B20>50.000 hours SMD Mid Power LED
Driver	Constant current, Pf>0.90
Operating Voltage	220-240V/50-60Hz
Operating Temperature	-20C°/+40C°

IP 65



Item Code	W	Lm	CCT	CRI	WxL	Installation Dim. (mm)	Kg
02125.66.30.029	28	2900	3000	Ra>80	595x595	580x580	7,3
02125.66.30.032	33	3200	3000	Ra>80	595x595	580x580	7,3
02125.66.30.035	35	3500	3000	Ra>80	595x595	580x580	7,3
02125.66.40.030	28	3000	4000	Ra>80	595x595	580x580	7,3
02125.66.40.032	33	3300	4000	Ra>80	595x595	580x580	7,3
02125.66.40.036	35	3600	4000	Ra>80	595x595	580x580	7,3

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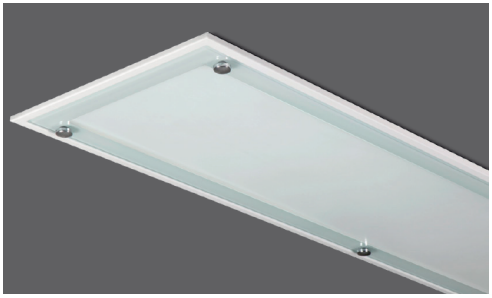
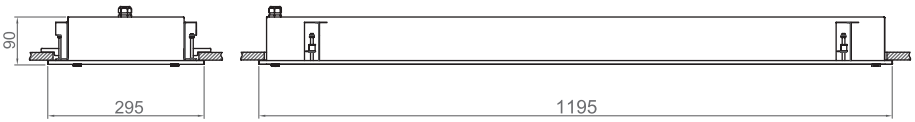
Shield-G 1200 Recessed



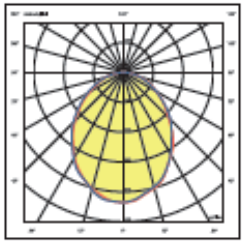


Standard Colours

RAL 9016 | RAL 9006 | RAL 9005

Body	Electrostatic powder painted sheet steel
Diffuser	Tempered, transparent glass
Optics	Opal PS diffuser
Light Source	L80B20>50.000 hours SMD Mid Power LED
Driver	Constant current, Pf>0.90
Operating Voltage	220-240V/50-60Hz
Operating Temperature	-20C°/+40C°

IP 65



Item Code	W	Lm	CCT	CRI	WxL	Installation Dim. (mm)	Kg
02125.31.30.029	33	2900	3000	Ra>80	295x1195	280x1180	7,5
02125.31.30.040	52	4000	3000	Ra>80	295x1195	280x1180	7,5
02125.31.40.030	33	3000	4000	Ra>80	295x1195	280x1180	7,5
02125.31.40.041	52	4100	4000	Ra>80	295x1195	280x1180	7,5

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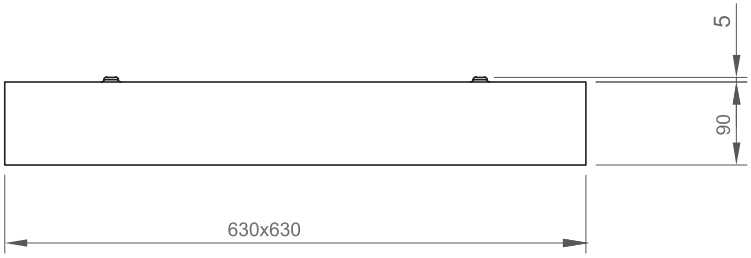
Shield-S 600 Surface



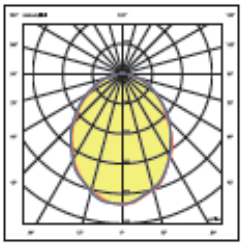
Standard Colours

RAL 9016 | RAL 9006 | RAL 9005

Body	Electrostatic powder painted sheet steel
Diffuser	Tempered, transparent glass
Optics	Opal PS diffuser
Light Source	L80B20>50.000 hours SMD Mid Power LED
Driver	Constant current, Pf>0.90
Operating Voltage	220-240V/50-60Hz
Operating Temperature	-20C°/+40C°

IP 65

RoHS COMPLIANT



Item Code	W	Lm	CCT	CRI	Kg
04101.66.30.029	28	2900	3000	Ra>80	7,5
04101.66.30.033	33	3200	3000	Ra>80	7,5
04101.66.30.035	35	3500	3000	Ra>80	7,5
04101.66.40.030	28	3000	4000	Ra>80	7,5
04101.66.40.032	33	3300	4000	Ra>80	7,5
04101.66.40.036	35	3600	4000	Ra>80	7,5

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WINK

IP65 Clean Room Luminaire

WINK series is used for clean rooms where the luminaire has to adapt the hygenic needs of environments.

Direct-Indirect lighting
-Tempered clear glass diffuser for clean room suitability
-Opal diffuser beneath the glass to provide homogenous lighting.
-Electrostatic powder painted durable metal body
-Monobloc poliuretan gasket to provide IP65 rating.
-Chrome plated screws hidden under chrome plated caps to fix the glass.
-Suitable for automation (DALI, 1-10V), human-centric (Tunable) lighting, emergency back-up battery

Options:
-GST connector
-Security ceiling seismic suspension kit
-Glass security fixation system (to hold glass from one side during installation - maintenance.
-Various sizes and options to fit different ceilings

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Wink-G 600 Recessed

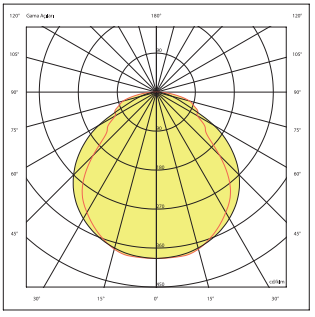
Standard Colours

RAL 9016 | RAL 9006 | RAL 9005

Boy	Electrostatic powder painted sheet steel
Diffuser	Tempered, transparent glass
Optics	Opal PS diffuser with indirect louvre
Light Source	L80B20>50.000 hours SMD Mid Power LED
Driver	Constant current, Pf>0.90
Operating Voltage	220-240V/50-60Hz
Operating Temperature	-20C°/+40C°

IP 65

RoHS COMPLIANT



Item Code	W	Lm	CCT	CRI	WxL	Installation Dim.	Kg
02141.66.30.024	32	2400	3000	Ra>80	595x595	580x580	6,1
02141.66.30.047	60	4700	3000	Ra>80	595x595	580x580	6,1
02141.66.40.025	32	2500	4000	Ra>80	595x595	580x580	6,1
02141.66.40.048	60	4800	4000	Ra>80	595x595	580x580	6,1

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EVEN

IP54 Clean Room Luminaire

-Direct lighting - wide beam for general illuminance.
-UGR<22 as standard - UGR<19 optional
-Opal diffuser to provide homogenous lighting.
-Electrostatic powder painted durable metal body
-Monobloc poliuretan gasket to provide IP65 rating.
-Suitable for automation (DALI, 1-10V), human-centric (Tunable) lighting, emergency back-up battery

Options:
-GST connector
-Security ceiling seismic suspension kit
-Various sizes and options to fit different ceilings

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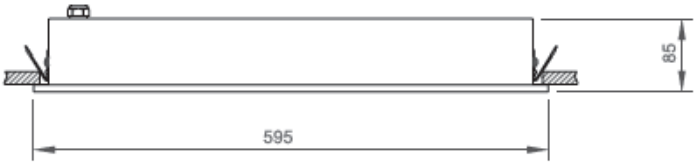
Even-G 600 Recessed



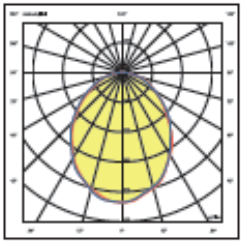
Standard Colours

RAL 9016 RAL 9006 RAL 9005

Body	Electrostatic powder painted sheet steel
Optics	Opal PS diffuser
Light Source	L80B20>50.000 hours SMD Mid Power LED
Driver	Constant Current Pf>0.90
Operating Voltage	220-240V/50-60Hz
Operating Temperature	-20C°/+40C°

IP 54

RoHS COMPLIANT



Item Code	W	Lm	CCT	CRI	WxL	Installation Dim. (mm)	Kg
02142.66.30.033	28	3300	3000	Ra>80	595x595	580x580	3,1
02142.66.30.036	33	3600	3000	Ra>80	595x595	580x580	3,1
02142.66.40.034	28	3400	4000	Ra>80	595x595	580x580	3,1
02142.66.40.037	33	3700	4000	Ra>80	595x595	580x580	3,1

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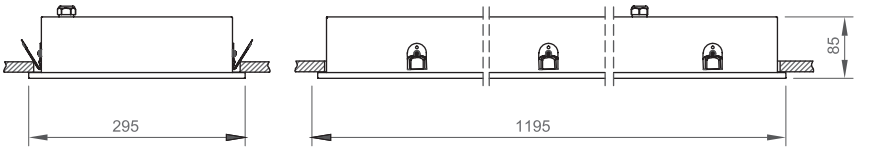
Even-G 1200 Recessed

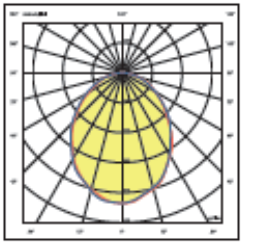


Standard Colours

RAL 9016 | RAL 9006 | RAL 9005

Body	Electrostatic powder painted sheet steel
Optics	Opal PS Diffuser
Light Source	L80B20>50.000 hours SMD Mid Power LED
Driver	Constant current, Pf>0.90
Operating Voltage	220-240V/50-60Hz
Operating Temperature	-20C°/+40C°

IP 54 | RoHS COMPLIANT



Item Code	W	Lm	CCT	CRI	WxL	Installation Dim (mm)	Kg
02142.31.30.032	33	3200	3000	Ra>80	295x1195	280x1180	3,5
02142.31.30.040	52	4400	3000	Ra>80	295x1195	280x1180	3,5
02142.31.40.033	33	3300	4000	Ra>80	295x1195	280x1180	3,5
02142.31.40.041	52	4500	4000	Ra>80	295x1195	280x1180	3,5

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