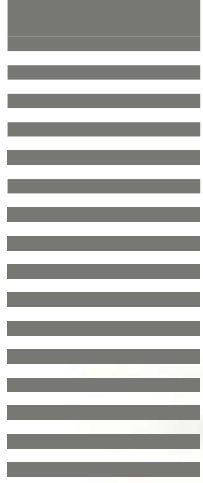


MOSAICO

MULTI-LIGHT / CONTINUOUS





Re Lighting. The way we make light.

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MOSAICO Adjustable Recessed Multi-Lights

Page 2-7



MOSAICO Modular Continuous: Recessed, Pendant, Surface

Page 8-17





Mosaico

One to four light

Mosaico is the recessed solution that can host from one to four light sources, each one is independently adjustable in an optical compartment

extractable to three positions. Each of the separate lamped Gimble Rings can spread different beams and colors, providing complete expressive freedom, for the designer to create excitement in any environment.



Topshop



Topshop Topman

STANDARD FINISHES

- 10 white
- 21 black

OPTICS

IOS system (Interchangeable Optical System) Instant interchangeability, a full range of beams and high efficiency (up to η 83).

INSTALLATION

For New construction, non insulated ceilings (requires 3" clearance from any insulation).

MOUNTING

Housings include hanger bars expandable to 24" with nailing spike.

MATERIALS

Gimbal ring, die cast aluminum with powder coat finish, housing 20 ga.

ADJUSTABILITY

Universal joint for two axis adjustment, horizontal 358°, vertical 56°. 3 different height positions.

LISTING

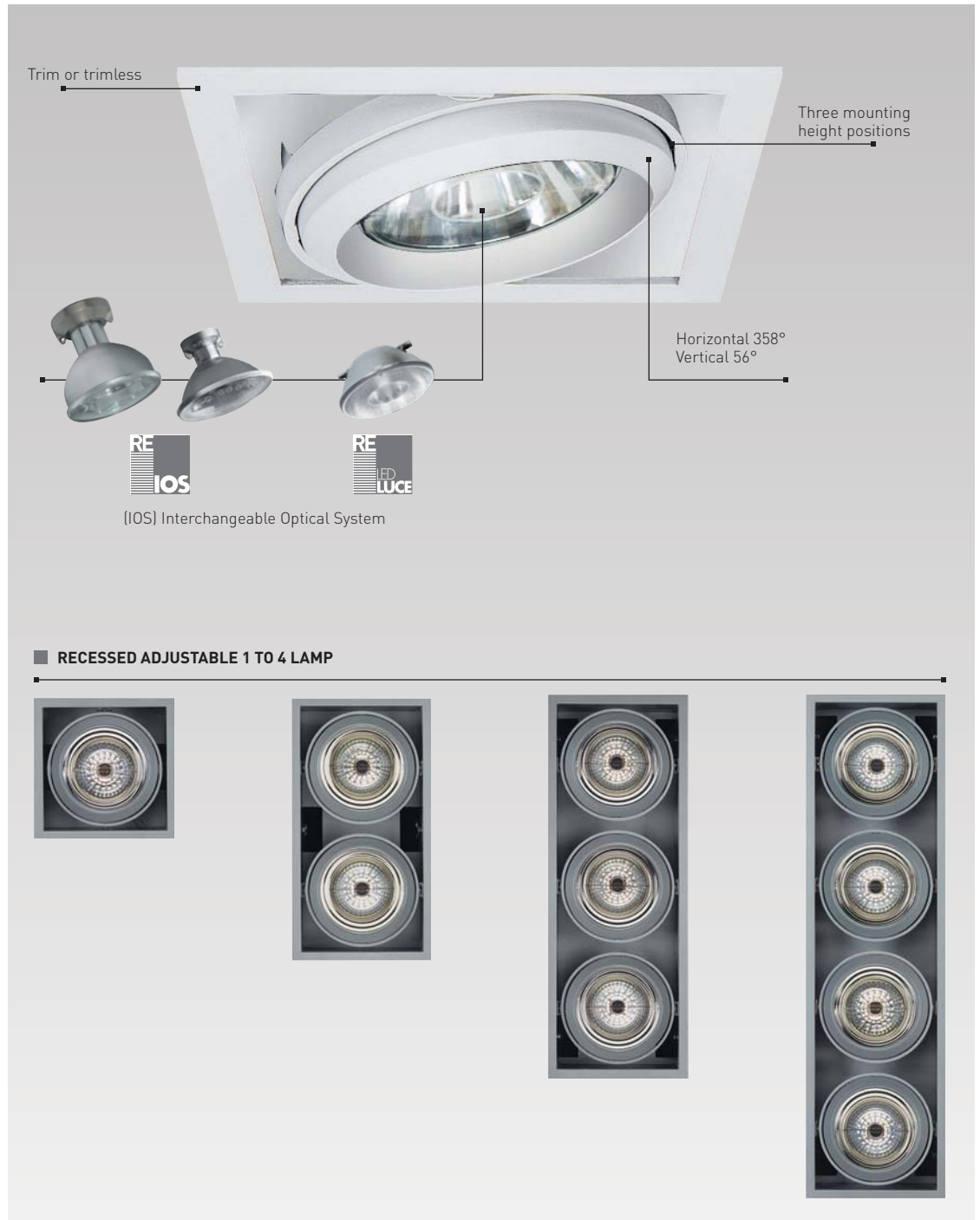
ETL listed, Union assembled.

DEGREE OF PROTECTION

IP20/40 damp location

TRIM

Fixture comes with trim and mud flange for either type of installation. Use one disregard the other.



ACCESSORIES

(IOS) Interchangeable Optical System

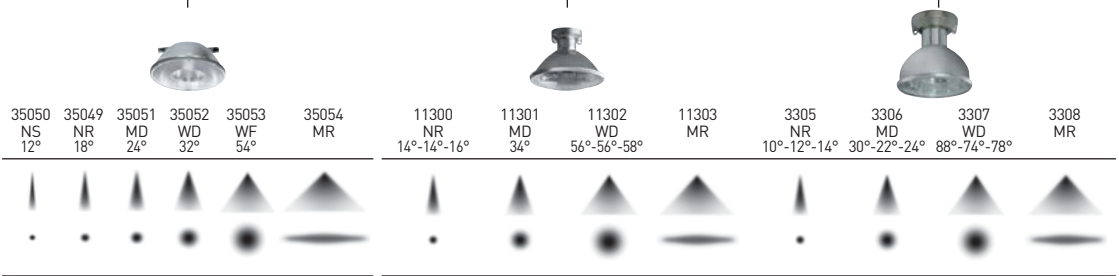
RE LED Luce IOS reflectors

IOS reflectors

(LL2) Ø 3"

IOS Ø 3"




Glass filters: Clear / IR / Anti UV / Selective filters for lighting food Coloured dichroic filters



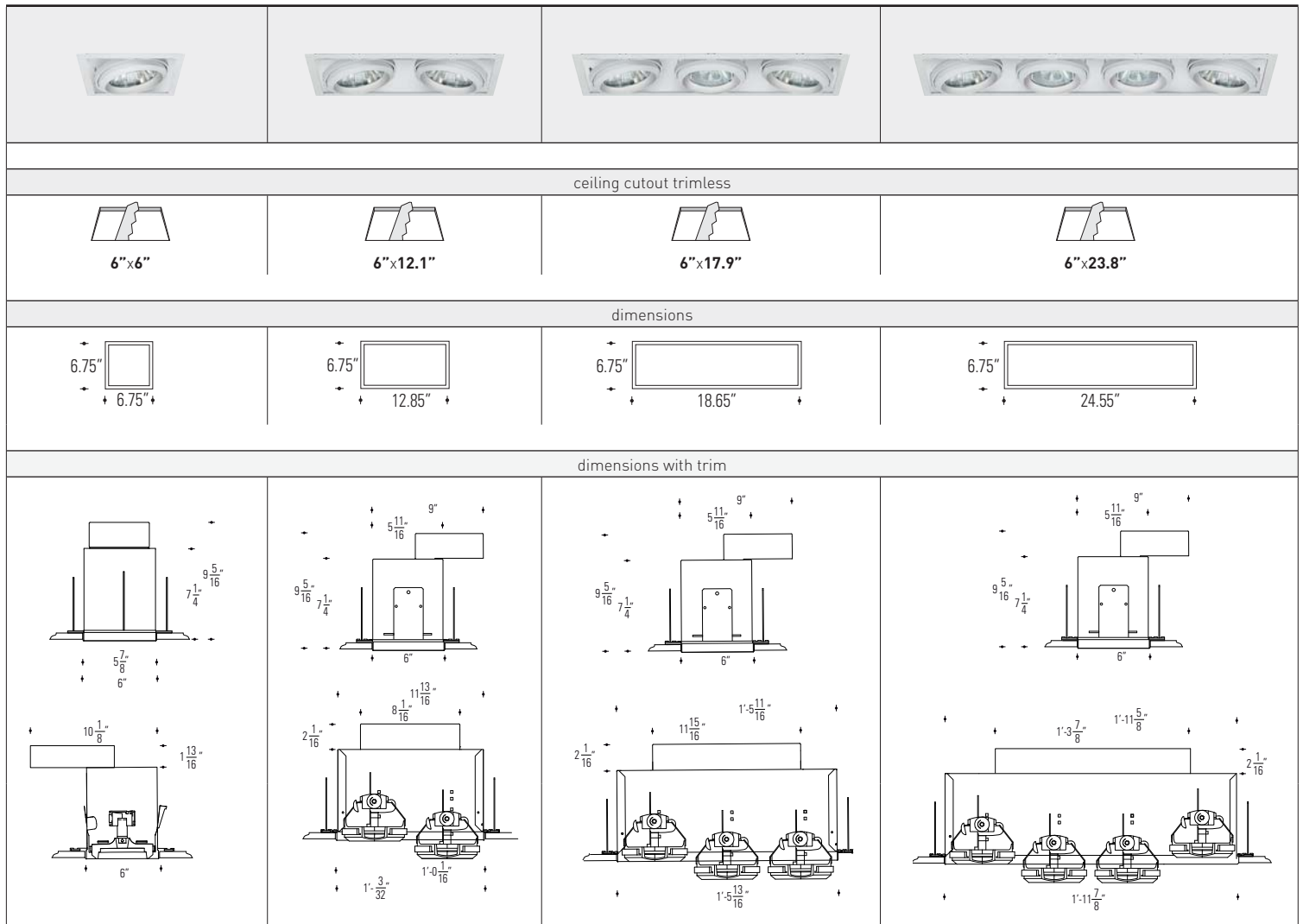
Extensive light beam selection [14 different optics, for symmetric beams from 12° to 78° as well as Wall Washer Mira beams] to maximise efficiency and versatility of the lighting design layout.

Mosaico



	RE LED LUCE incorporates the best high efficiency LEDs (up to 3550 lm, 98 lm/W) with varying tones of excellent white (3000K - 4000K, CRI from 82 to 94). Lifetime: more than 50,000 hours (maintaining 70% of the initial luminous flux).	For IOS versions with metal halide lamps.	For versions with halogen lamps or metal halide lamps with built-in reflector.
			
Luminaire Includes	LED element, and housing with electronic driver and choice of IOS® Reflector.	Trim, and housing with electronic ballast, and choice of IOS® reflector.	Trim, and housing.
Gimbal ring	Three settings allow light source to reside inside the optical compartment or below the ceiling plane.	Extractable optical compartment with black metal back box.	
Finishes	10 = White, 21 = Black		
Reflector options	LL2 3" series with (6) choices of IOS reflectors: from Narrow spot 12° thru Wide Flood 54°.	3" series with (4) choices of IOS reflectors: from Narrow spot thru Wide Flood. "Mira" creates long narrow beam. See additional reflectors below.	
Optics	IOS reflectors with Ø 3" (LL2) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version. There are also versions with gold optics or with selective filters for lighting foodstuffs.	99.99% pure aluminium IOS reflector with Ø 3", twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version). There are also versions with gold optics, selective filters for lighting foodstuffs or coloured dichroic filters.	
Driver/ballast technologies	High efficiency driver >85% and a power factor of nearly 1 assure real energy savings. The robustness of the control gear is assured up to Ta 70°C and Tc 90°C and guarantees a lifetime of over 50,000 h.	HF control gear for metal halide lamps with ceramic technology.	HF control gear for metal halide lamps with ceramic technology. Electronic transformer for low voltage halogen lamps. To order separately.
For Re Led Luce 14W	■		
For Re Led Luce 26W	■		
For Re Led Luce 33W	■		
MH T4: 20 / 39 / 70W		■	
MH T6: 20 / 39 / 70W		■	
AR111, 75W			■
PAR 30 75W			■
Accessories (IOS) Interchangeable Optical System	35050 / 35049 / 35051 / 35052 / 35053 / 35054	11300 / 11301 / 11302 / 11303 3305 / 3306 / 3307 / 3308	

Recessed adjustable 1 to 4 lamp multiple



Example: Order reference
74000+.HQ+14 +MD+1+10

Luminaire	Lamps	CRI	Wattage	LED Color	Color Shift	*Lumens Delivered	CRI	IOS	Beam Angle	Beam Spread	Voltage	Finish
74000	1 Light	.HQ	14	3000k	< 50k	860	90	NS	narrow spot	12°	See page 18	1=120V 10

LED



Luminaire	Lamps	CRI	Wattage	LED Color	Color Shift	*Lumens Delivered	CRI	IOS	Beam Angle	Beam Spread	Voltage	Finish
74000	1 Light	.HQ	14	3000k	< 50k	860	90	NS	narrow spot	12°	See page 18	1=120V 10
74001	2 Light	.WW	14	3000k	< 50k	995	85	NR	narrow	18°	See page 18	2=277V 21
74002	3 Light	.HQ	26	3000k	< 50k	2070	94	MD	medium	24°	See page 18	
74003	4 Light	.WW	26	3000k	< 50k	2408	85	WD	wide	32°	See page 18	
		.HQ	33	3000k	< 50k	2710	97	WF	wide flood	54°	See page 18	
		.WW	33	3000k	< 50k	3550	82	MR	beam elongator		See page 18	

Metal halide		MH / T4		RE IOS					
Luminaire	Lamps	Wattage	IOS	∧		Voltage	Finish		
74031	1 Light	20	NR	narrow	14° 14° 16°	See page 19	1=120V	10	21
74032	2 Light	39	MD	medium	34° 34° 34°	See page 19			
74033	3 Light	70	WD	wide	56° 56° 58°	See page 19			
74034	4 Light		MR	mira		See page 19			

Metal halide		MH / T6		RE IOS					
Luminaire	Lamps	Wattage	IOS	∧		Voltage	Finish		
74041	1 Light	20	NR	narrow	10° 12° 14°	See page 19	1=120V	10	21
74042	2 Light	39	MD	medium	30° 22° 24°	See page 19			
74043	3 Light	70	WD	wide	88° 74° 78°	See page 19			
74044	4 Light		MR	mira		See page 19			

Incandescent Low Voltage		AR111							
Luminaire	Lamps	Wattage						Finish	
74005	1 Light	35						10	
74006	2 Light	50						21	
74007	3 Light	70							
74008	4 Light								

Incandescent Line Voltage		PAR 30							
Luminaire	Lamps	Wattage	Gimble			Voltage	Finish		
74021	1 Light	75 INC	Par30			1=120V	10	21	
74022	2 Light	20 MH							
74023	3 Light	39 MH							
74024	4 Light	70 MH							



Bal Harbor, FL



Mosaico Continuous

Mosaico Continuous is a product line that consists of modular troffers that can join together on the job site, create many different patterns or just a straight line. We have three versions of continuous Mosaico; Recessed, Pendant and Surface. Our recessed units have lamp positions every 14

inches, but you don't have to use them all. Gimbles have 3 positions...recessed or below the ceiling. Trim options are with the trim or trimless (see ordering guide examples). Our Pendant and Surface mounted have 1-3 circuit track installed and special track heads to mount anywhere along the track.



Recessed Continuous Metal Halide



Continuous Mosaico is a modular system that can be pendant, surface and recessed. Easily installed at the job site.

Pendant Continuous LED

■ **STANDARD FINISHES**

- 10 white
- 21 black

■ **OPTICS**

IOS system (Interchangeable Optical System) Instant interchangeability, a full range of beams and high efficiency (up to η 83).

■ **INSTALLATION**

For New construction, non insulated ceilings (requires 3" clearance from any insulation).

■ **MOUNTING**

Housings inserts into channel and channel is supported by cable and ceiling.

■ **MATERIALS**

Gimbal ring, die cast aluminum with powder coat finish, housing 20 ga.

■ **ADJUSTABILITY**

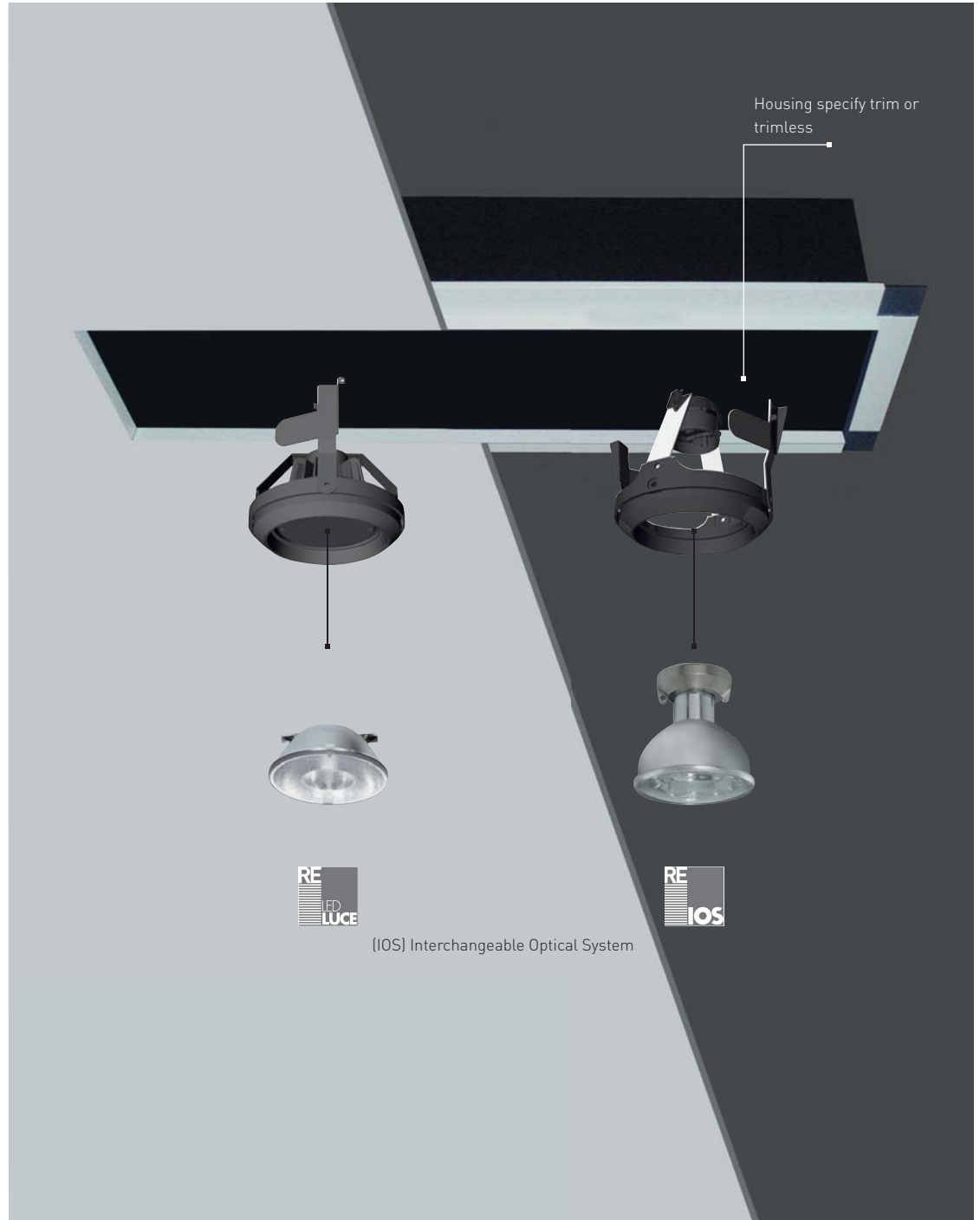
Universal joint for two axis adjustment, horizontal 358°, vertical 56°.

■ **LISTING**

ETL listed, Union assembled.

■ **DEGREE OF PROTECTION**

IP20/40 damp



(IOS) Interchangeable Optical System



■ **ACCESSORIES**

(IOS) Interchangeable Optical System

RE LED Luce IOS reflectors

IOS reflectors

(LL2) Ø 3"

IOS Ø 3"



Glass filters: Clear / IR / Anti UV / Selective filters for lighting food Coloured dichroic filters

35050 NS 12° 35049 NR 18° 35051 MD 24° 35052 WD 32° 35053 WF 54° 35054 MR

3305 NR 10°-12°-14° 3306 MD 30°-22°-24° 3307 WD 88°-74°-78° 3308 MR

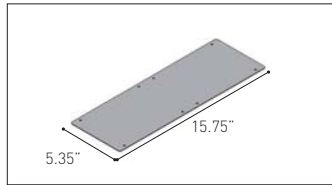


Extensive light beam selection [14 different optics, for symmetric beams from 12° to 78° as well as Wall Washer Mira beams] to maximise efficiency and versatility of the lighting design layout.

Mosaico			
Continuous Mosaico Recessed	RE LED LUCE incorporates the best high efficiency LEDs (up to 2535 lm, 98 lm/W) with varying tones of excellent white (3000K - 4000K, CRI from 82 to 94). Lifetime: more than 50,000 hours (maintaining 70% of the initial luminous flux).	For IOS versions with metal halide lamps.	For versions with halogen lamps or metal halide lamps with built-in reflector.
Continuous Mosaico Pendant Continuous Mosaico Surface	RE LED LUCE incorporates the best high efficiency LEDs (up to 2535 lm, 98 lm/W) with varying tones of excellent white (3000K - 4000K, CRI from 82 to 94). Lifetime: more than 50,000 hours (maintaining 70% of the initial luminous flux).	For IOS versions with metal halide lamps.	For versions with halogen lamps or metal halide lamps with built-in reflector.
Luminaire Includes	LED element, and housing with electronic driver and choice of IOS® Reflector.	Trim, and housing with electronic ballast, and choice of IOS® reflector.	Trim, and housing.
Gimbal ring	Dual setting allows light source to reside inside the optical compartment or below the ceiling plane.	Extractable optical compartment with black metal back box.	
Finishes	10 = White, 21 = Black		
Reflector options	LL2 3" series with (6) choices of IOS reflectors: from Narrow spot 12° thru Wide Flood 54°.	3" series with (4) choices of IOS reflectors: from Narrow spot thru Wide Flood. "Mira" creates long narrow beam. See additional reflectors below.	
Optics	IOS reflectors with Ø 3" (LL2) made from stabilised polycarbonate (up to 140°C) with highly reflective metallization - exclusive scratch resistant, vitrified surface and antistatic safety shield with high light transmission (97%). The shield is clear for very narrow beams, satin for narrow, medium and wide beams and satin/prismatic for the Wall Washer Mira version. There are also versions with gold optics or with selective filters for lighting foodstuffs.	99.99% pure aluminium IOS reflector with Ø 3", twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version). There are also versions with gold optics, selective filters for lighting foodstuffs or coloured dichroic filters.	
Control gear technologies	High efficiency driver >85% and a power factor of nearly 1 assure real energy savings. The robustness of the control gear is assured up to Ta 70°C and Tc 90°C and guarantees a lifetime of over 50,000 h.	HF control gear for metal halide lamps with ceramic technology.	HF control gear for metal halide lamps with ceramic technology. Electronic transformer for low voltage halogen lamps. To order separately.
For Re Led Luce 14W	■		
For Re Led Luce 26W	■		
For Re Led Luce 33W	■		
MH T4: 20 / 39 / 70W	■		
MH T6: 20 / 39 / 70W	■		
AR111, 75W	■		
PAR 30 75W	■		
Accessories (IOS) Interchangeable Optical System	35050 / 35049 / 35051 / 35052 / 35053 / 35054	11300 / 11301 / 11302 / 11303 3305 / 3306 / 3307 / 3308	

Modular Recessed Continuous 1 to 4 lamp multiple connectable channels

Channel 11.81"		Channel 23.62"		Channel 35.43"		Channel 47.24"	
Max 1 Fixture		Max 2 Fixtures		Max 3 Fixtures		Max 4 Fixtures	
S7499	10 white 21 black	S7288	10 white 21 black	S7500	10 white 21 black	S7289	10 white 21 black



Blank channel cover

Finish
10 white
21 black

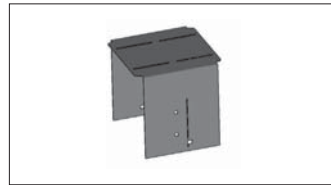
S7301



Blank channel cover

Finish
10 white
21 black

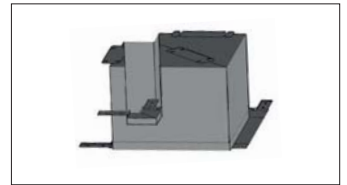
S7302



Module extensions

Finish
10 white
21 black

7501

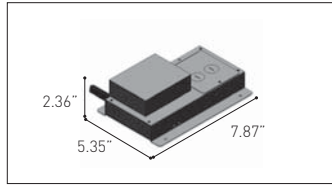


L Corner

Finish
10 white
21 black

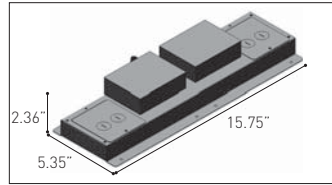
7502

Driver/Ballast provided with multi-core cable complete with a quick-fit plug to connect to the socket on the luminaire.



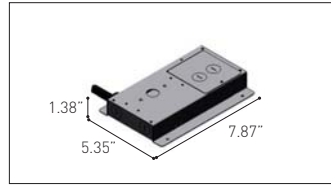
Wiring/ballast compartment

	Voltage	Ballast included	Finish
70200	1 or 2	20W	10 21
S7299	1 or 2	39W	10 21
70202	1 or 2	70W	10 21



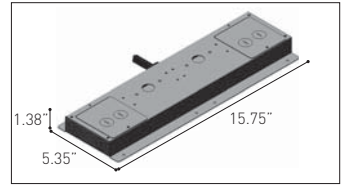
Wiring/ballast compartment 2 lamps

	Voltage	Ballast included	Finish
70201	1 or 2	2x20W	10 21
S7293	1 or 2	2x39W	10 21
70203	1 or 2	2x70W	10 21



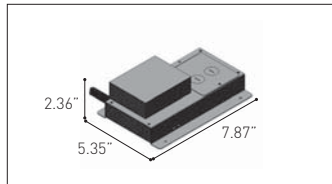
Wiring/ballast compartment

	Voltage	LED driver included	Finish
S7298	1 or 2	16W	10 21
70206	1 or 2	26W	10 21



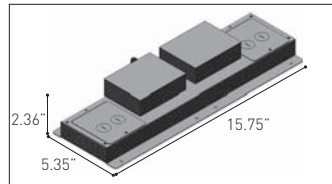
Wiring/ballast compartment 2 lamps

	Voltage	LED driver included	Finish
S7292	1 or 2	16W	10 21
70207	1 or 2	26W	10 21



Wiring/ballast compartment

	Voltage	Ballast included	Finish
70204	1 or 2	1x100W	10 21



Wiring/ballast compartment 2 lamps

	Voltage	Ballast included	Finish
70205	1 or 2	2x100W	10 21

Voltage
1=120V
2=277V

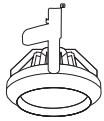
Example: Order reference
S7291+1+14 .HQ+NS+10

Luminaire	Voltage	Wattage	LED Color	Color Shift	*Lumens Delivered	CRI	IOS	Beam Angle		Finish	
S7291	1=120V	14	.HQ	3000k	< 50k	860	90	NS	narrow spot 12°	See page 18	10

LED



Luminaire
S7291



CRI	Wattage	LED Color	Color Shift	*Lumens Delivered	CRI	IOS		∠	See page 18	Voltage	Finish
.HQ	14	3000k	< 50k	860	90	NS	narrow spot	12°	See page 18	1=120V 2=277V	10 21
.WW	14	3000k	< 50k	995	85	NR	narrow	18°	See page 18		
.HQ	26	3000k	< 50k	2070	94	MD	medium	24°	See page 18		
.WW	26	3000k	< 50k	2408	85	WD	wide	32°	See page 18		
.HQ	33	3000k	< 50k	2710	97	WF	wide flood	54°	See page 18		
.WW	33	3000k	< 50k	3550	82	MR	beam elongator		See page 18		

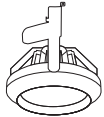


					∠	See page 18	Voltage	Finish
35050	NS	narrow spot	12°	00	Clear			
35049	NR	narrow	18°	00	Frosted			
35051	MD	medium	24°	00	Frosted			
35052	WD	wide	32°	00	Frosted			
35053	WF	wide flood	54°	00	Frosted			
35054	MR	mira	-	00	Frosted prismatic			

Metal halide



Luminaire	Lamps
S7290	MH / T6



Wattage	IOS		∠	See page 19	Voltage	Finish
20	NR	narrow	10° 12° 14°	See page 19	1=120V 2=277V	10 21
39	MD	medium	30° 22° 24°	See page 19		
70	WD	wide	88° 74° 78°	See page 19		
	MR	mira		See page 19		



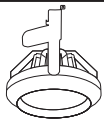
* To be used with Mosaico T6 Metal Halide

		Filter Type										
		Glass filters			Glass Filters for Food				Colored Dichroic Filters			
		Clear	IR	Anti UV	Green	Blue	Orange	Pink	Bleu	Green	Yellow	Red
3305	NR	00	59	79	64	65	66	67	74	75	76	77
3306	MD	00	59	79	64	65	66	67	74	75	76	77
3307	WD	00	59	79	64	65	66	67	74	75	76	77
3308	WR	00										

Incandescent Low Voltage



Luminaire	Lamps
S6384	AR111

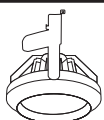


Wattage	Voltage	Finish
35	1=120V	10
50	2=277V	21
75		

Incandescent Line Voltage and Par30MH

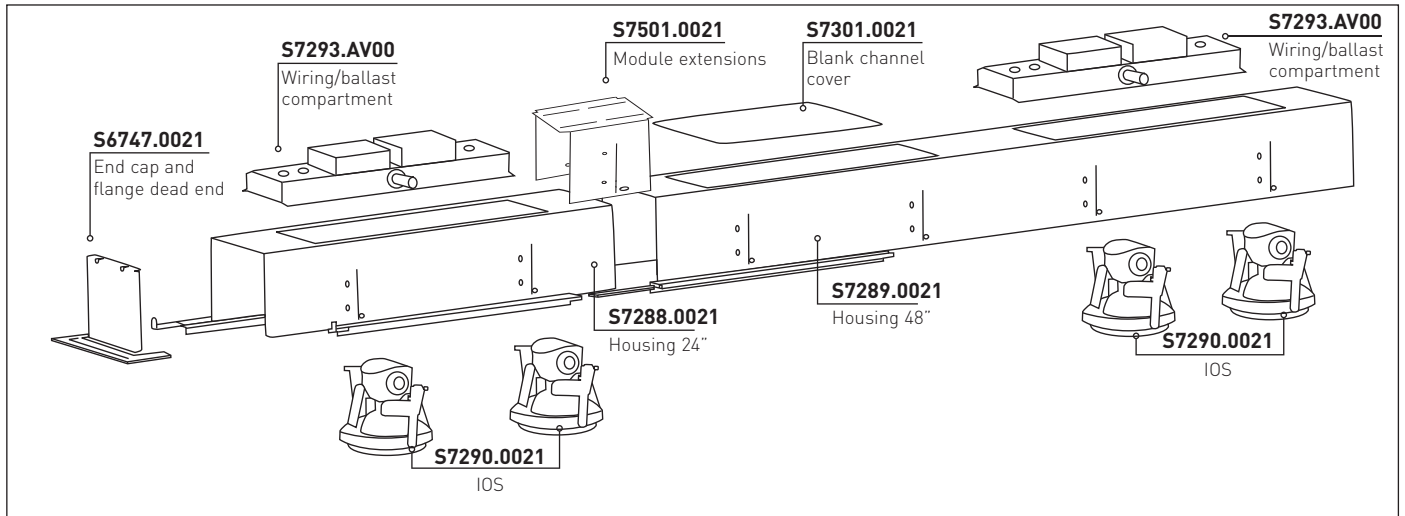


Luminaire	Lamps
4110.8010	PAR 30



Wattage	Gimble	Voltage	Finish
75 inc	Par30	1=120V	10
20 MH		2=277V	21
39 MH			
70 MH			

Example with Trimless installation



Trimless Modular Selected for this Example

Bill of materials		
Qty	Description	PN
1	Housing 48"	S7289
1	Housing 24"	S7288
1	Blank channel cover	S7301
1	End caps x2	S6747
2	2x39 Watt Ballast and Compartment	S7293
1	Run extender	S7501
4	39 Watt MH Gimble ring	S7290

Bill of materials Trim Style		
Qty	Description	PN
2	Trimless Flange	33937
3	Hanging Brackets	S7300
1	Coupler	S6749
1	End Caps	S6747

Trimless modular recessed lighting system

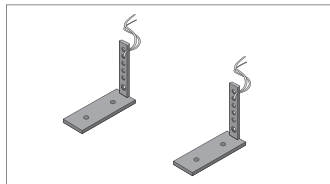


Trimless ceiling flange 118"

Finish

1.33937.00 21 black

Order total linear length by circumference of combined recessed modules



Hanging bracket (two pieces)

Finish

0.S7300.00 21 black

Order 1 set per 48 inches of 33937



Coupler (two pieces)

Finish

0.S6749.00 00

Order 1 set for every two 33937 trimless flange connection



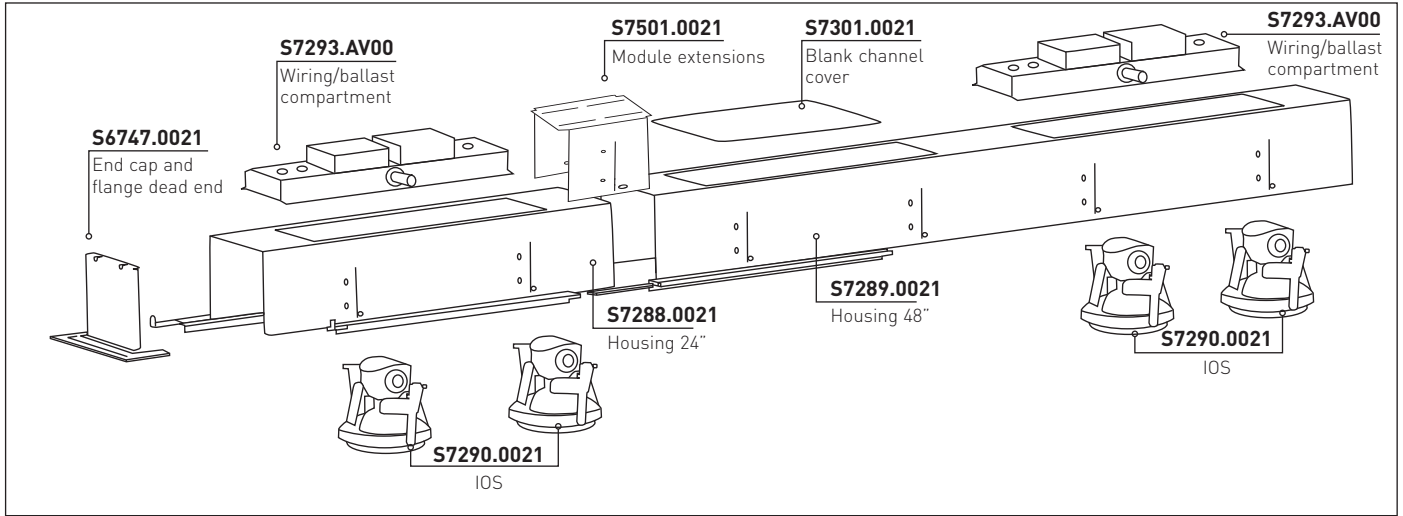
End cap and flange dead end (two pieces)

Finish

0.S6747.00 21 black

Order 1 set for every two ends

Example with flanged trim installation



Trim Modular Selected for this Example

Bill of materials		
Qty	Description	PN
1	Housing 48"	S7289
1	Housing 24"	S7288
1	Blank channel cover	S7301
1	End caps x2	S6747
2	2x39 Watt Ballast and Compartment	S7293
1	Run extender	S7501
4	39 Watt MH Gimble ring	S7290

Bill of materials Trim Style		
Qty	Description	PN
2	Trim Flange	.04030
3	Hanging Brackets	1.32438
1	Coupler	.04031
1	End Caps	.04032

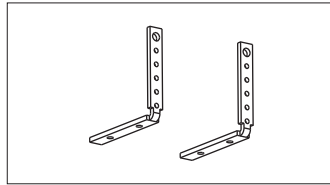
Flanged trim Modular Recessed Continuous



Ceiling flange with trim (L. 118.11 inches)

Finish	
0.04030.00	10 white
	21 black

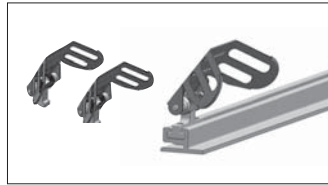
Order total linear length by circumference of combined recessed modules



Hanging bracket (two pieces)

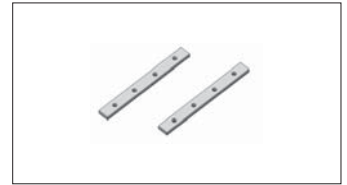
Finish	
1.32438.00	21 black

Order 1 set per 48 inches of .04030



KlikFix retainer device (two pieces) for installing .04030 into sheetrock ceiling 1 every 18"

Finish	
0.04034.00	00



Coupler (two pieces)

Finish	
0.04031.00	21 black

Order 1 set for every two 04030 that need to be joined together

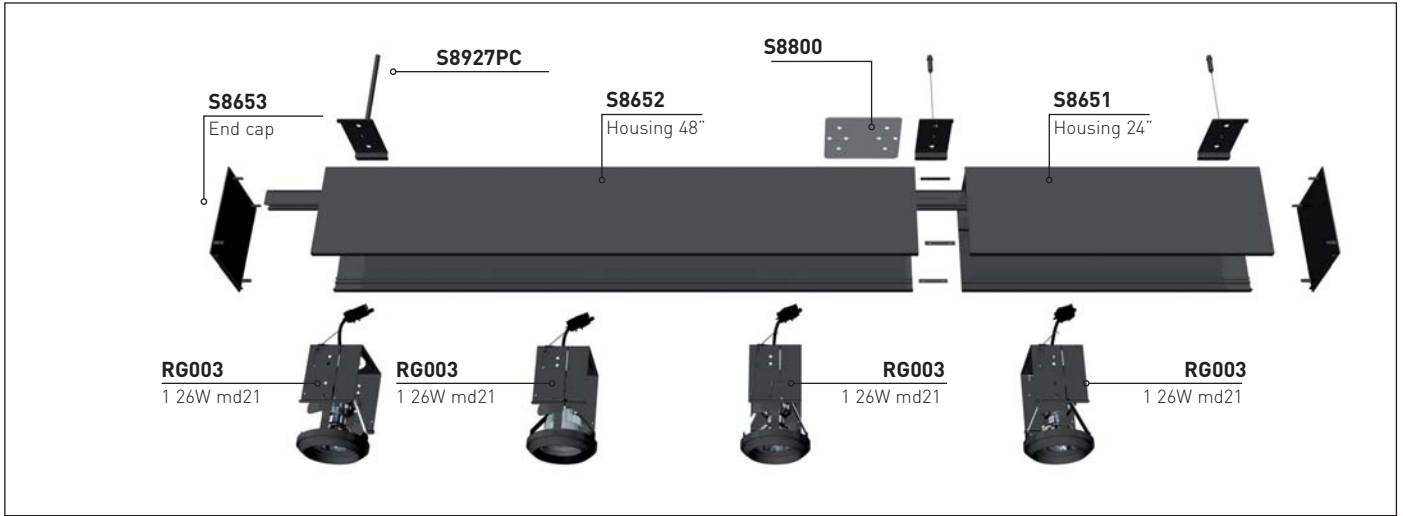


Pair of end cap dead ends

Finish	
0.04032.00	10 white
	21 black

Order 1 set for every two ends

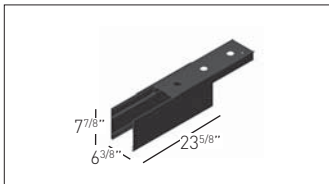
Example suspended or surface mounted



Bill of materials		
Qty	Description	PN
2	Housing/Track 48"	S8652
1	Housing/Track 24"	S8651
4	Suspensions Cables	S7301
1	Power cable	S8927PC
1	End Caps	S8653
7	Gimble/driver	RG003 V26WWmd21

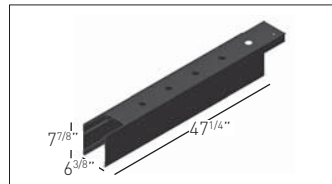


Suspended or surface mounted



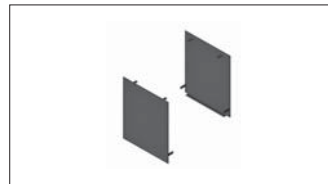
23 1/8" module+connectors

Finish	
0. S8651 .00	21 black 10 white



47 1/4" module+connectors

Finish	
0. S8652 .00	21 black 10 white



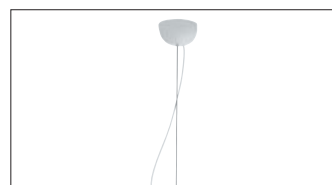
End cap dead end (two pieces) + alignment guide included

Finish	
0. S8653 .00	21 black 10 white



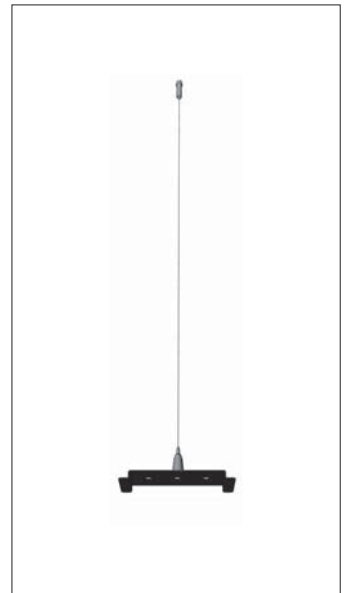
Coupling plate (for ceiling mounting only, 1 pc)

Finish	
0. S8800 .00	21 black 10 white



Power cord and canopy

Finish	
0. S8627PC .00	21 black 10 white



16 feet long wire (1 pc) + support plate

Finish	
0. S8927 .00	21 black 10 white

If ordering Connecting plate do not order 3 or 6

Select your Gimble Ring And Driver or Ballast

Example: Order reference
RG001+1+14 .HQ+NS+10

Luminaire	CRI	Wattage	LED Color	Color Shift	*Lumens Delivered	CRI	IOS		∧	Voltage	Finish
RG003	.HQ	14	3000k	< 50k	860	90	NS	narrow spot	12°	See page 18	1=120V 10

LED



Luminaire	CRI	Wattage	LED Color	Color Shift	*Lumens Delivered	CRI	IOS		∧	Voltage	Finish
RG003	.HQ	14	3000k	< 50k	860	90	NS	narrow spot	12°	See page 18	1=120V 10
	.WW	14	3000k	< 50k	995	85	NR	narrow	18°	See page 18	2=277V 21
	.HQ	26	3000k	< 50k	2070	94	MD	medium	24°	See page 18	
	.WW	26	3000k	< 50k	2408	85	WD	wide	32°	See page 18	
	.HQ	33	3000k	< 50k	2710	97	WF	wide flood	54°	See page 18	
	.WW	33	3000k	< 50k	3550	82	MR	beam elongator		See page 18	



LL2 Ø3"



○ Lens Finish

35050	NS	narrow spot	12°	00	Clear
35049	NR	narrow	18°	00	Frosted
35051	MD	medium	24°	00	Frosted
35052	WD	wide	32°	00	Frosted
35053	WF	wide flood	54°	00	Frosted
35054	MR	mira	-	00	Frosted prismatic

Metal halide



Luminaire	Lamps	Wattage	IOS	∧	Voltage	Finish
RG002	MH / T6	20	NR	narrow 10° 12° 14°	See page 19	1=120V 10
		39	MD	medium 30° 22° 24°	See page 19	2=277V 21
		70	WD	wide 88° 74° 78°	See page 19	
			MR	mira	See page 19	



IOS Ø3"



* To be used with Mosaico T6 Metal Halide

	∧	Filter Type										
		Glass filters			Glass Filters for Food				Colored Dichroic Filters			
		Clear	IR	Anti UV	Green	Blue	Orange	Pink	Bleu	Green	Yellow	Red
3305	NR	00	59	79	64	65	66	67	74	75	76	77
3306	MD	00	59	79	64	65	66	67	74	75	76	77
3307	WD	00	59	79	64	65	66	67	74	75	76	77
3308	WR	00										

Incandescent Low Voltage



Luminaire	Lamps	Wattage	Voltage	Finish
RG005	AR111	50	1=120V 10	2=277V 21





99.99% pure aluminium IOS reflector with Ø 80 mm, twist-lock fixing system and tempered safety glass (clear for narrow beams, microsphere for medium and wide beams, prismatic for the Wall Washer Mira version). There are also versions with gold optics, selective filters for lighting foodstuffs or coloured dichroic filters.

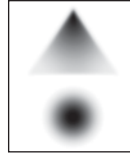
11300 - 3305 NR



11301 - 3306 MD



11302 - 3307 WD



11303 - 3308 MR



20 W



20W	14° (η) 0.84
FC	∅
4 ft	7.75 0.92
6 ft	3.45 1.37
8 ft	1.94 1.84
10 ft	1.24 2.30
12 ft	0.86 2.76
14 ft	0.63 3.22

20W	34° (η) 0.79
FC	∅
4 ft	1.76 2.52
6 ft	0.78 3.77
8 ft	0.44 5.03
10 ft	0.28 6.30
12 ft	0.19 7.55
14 ft	0.14 8.82

20W	56° (η) 0.77
FC	∅
4 ft	0.74 4.24
6 ft	0.33 6.35
8 ft	0.18 8.47
10 ft	0.11 10.60
12 ft	0.08 12.71
14 ft	0.06 14.83

20W	(η) 0.78
FC	0°-180° 90°-270°
4 ft	1.27 0.80 6.60
6 ft	0.56 1.19 9.89
8 ft	0.31 1.60 13.19
10 ft	0.20 2.00 16.50
12 ft	0.14 2.40 19.79
14 ft	0.10 2.80 23.09

39 W



39W	14° (η) 0.84
FC	∅
4 ft	15.46 0.92
6 ft	6.87 1.37
8 ft	3.86 1.84
10 ft	2.47 2.30
12 ft	1.71 2.76
14 ft	1.26 3.22

39W	34° (η) 0.80
FC	∅
4 ft	3.64 2.52
6 ft	1.61 3.77
8 ft	0.91 5.03
10 ft	0.58 6.30
12 ft	0.40 7.55
14 ft	0.29 8.82

39W	56° (η) 0.76
FC	∅
4 ft	1.46 4.24
6 ft	0.65 6.35
8 ft	0.36 8.47
10 ft	0.23 10.60
12 ft	0.16 12.71
14 ft	0.11 14.83

39W	(η) 0.79
FC	0°-180° 90°-270°
4 ft	2.49 0.80 6.60
6 ft	1.11 1.19 9.89
8 ft	0.62 1.60 13.19
10 ft	0.39 2.00 16.50
12 ft	0.27 2.40 19.79
14 ft	0.20 2.80 23.09

70 W



70W	16° (η) 0.82
FC	∅
4 ft	20.27 1.04
6 ft	9.01 1.55
8 ft	5.06 2.08
10 ft	3.24 2.60
12 ft	2.25 3.11
14 ft	1.65 3.64

70W	34° (η) 0.81
FC	∅
4 ft	6.37 2.44
6 ft	2.83 3.65
8 ft	1.59 4.87
10 ft	1.02 6.10
12 ft	0.70 7.31
14 ft	0.52 8.54

70W	58° (η) 0.84
FC	∅
4 ft	2.90 4.36
6 ft	1.29 6.53
8 ft	0.72 8.71
10 ft	0.46 10.90
12 ft	0.32 13.07
14 ft	0.23 15.25

70W	(η) 0.80
FC	0°-180° 90°-270°
4 ft	5.11 0.80 6.64
6 ft	2.27 1.19 9.95
8 ft	1.27 1.60 13.27
10 ft	0.81 2.00 16.60
12 ft	0.56 2.40 19.91
14 ft	0.41 2.80 23.23

20 W



20 W	10° (η) 0.61
FC	∅
4 ft	6.96 0.72
6 ft	3.10 1.08
8 ft	1.74 1.44
10 ft	1.11 1.80
12 ft	0.77 2.16
14 ft	0.57 2.52

20 W	30° (η) 0.64
FC	∅
4 ft	1.89 2.24
6 ft	0.84 3.36
8 ft	0.47 4.48
10 ft	0.30 5.60
12 ft	0.21 6.72
14 ft	0.15 7.84

20 W	88° (η) 0.71
FC	∅
4 ft	0.42 7.80
6 ft	0.19 11.69
8 ft	0.10 15.60
10 ft	0.07 19.50
12 ft	0.05 23.40
14 ft	0.03 27.30

3308 20W	(η) 0.74
FC	0°-180° 90°-270°
4 ft	1.54 5.60 0.64
6 ft	0.69 8.40 0.96
8 ft	0.39 11.20 1.28
10 ft	0.25 14.00 1.60
12 ft	0.17 16.80 1.92
14 ft	0.13 19.60 2.24

39 W



39 W	12° (η) 0.76
FC	∅
4 ft	19.21 0.88
6 ft	8.54 1.32
8 ft	4.80 1.76
10 ft	3.07 2.20
12 ft	2.13 2.64
14 ft	1.57 3.08

39 W	22° (η) 0.75
FC	∅
4 ft	7.22 1.64
6 ft	3.21 2.46
8 ft	1.80 3.28
10 ft	1.15 4.10
12 ft	0.80 4.92
14 ft	0.59 5.74

39 W	74° (η) 0.68
FC	∅
4 ft	0.88 6.08
6 ft	0.39 9.12
8 ft	0.22 12.16
10 ft	0.14 15.20
12 ft	0.10 18.24
14 ft	0.07 21.28

3308 39W	(η) 0.68
FC	0°-180° 90°-270°
4 ft	2.78 5.96 1.00
6 ft	1.24 8.94 1.50
8 ft	0.70 11.92 2.00
10 ft	0.45 14.90 2.50
12 ft	0.31 17.88 3.00
14 ft	0.23 20.86 3.50

70 W



70 W	14° (η) 0.75
FC	∅
4 ft	25.21 1.04
6 ft	11.21 1.56
8 ft	6.30 2.08
10 ft	4.03 2.60
12 ft	2.80 3.12
14 ft	2.06 3.64

70 W	24° (η) 0.71
FC	∅
4 ft	11.15 1.72
6 ft	4.96 2.58
8 ft	2.79 3.44
10 ft	1.78 4.30
12 ft	1.24 5.16
14 ft	0.91 6.02

70 W	78° (η) 0.76
FC	∅
4 ft	1.98 6.48
6 ft	0.88 9.72
8 ft	0.50 12.96
10 ft	0.32 16.20
12 ft	0.22 19.44
14 ft	0.16 22.68

3308 70W	(η) 0.66
FC	0°-180° 90°-270°
4 ft	5.22 5.76 0.96
6 ft	2.32 8.64 1.44
8 ft	1.31 11.52 1.92
10 ft	0.84 14.40 2.40
12 ft	0.58 17.28 2.88
14 ft	0.43 20.16 3.36



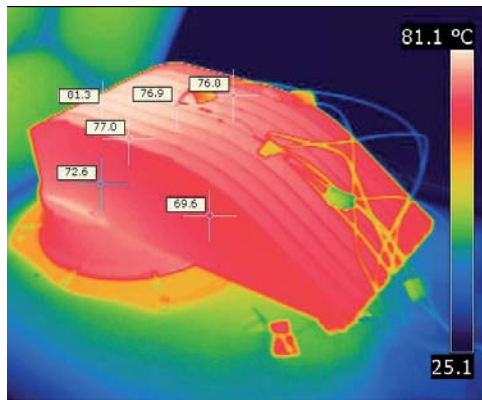
LED's

RE LED Luce system, the driving force behind the evolution in RE Lighting philosophy, incorporates the best high power, white light LEDs into the exclusive luminaire bodies that use interchangeable IOS optics.

These are low-energy, maintenance-free diodes with the following features: 3000K and 4000K; 3, 6, 7, 10, 14, 26, 32 and 39 W; high color rendering index, never below CRI 82; lifespan over 50,000 hours (Maintaining 70% of the initial lumens).

RE LED Luce - Efficient and safe lighting with no photobiological hazard.

The **Reggiani LED Luce** luminaires (14W, 16W and 26W) are free from photobiological hazards. They are an "EXEMPT GROUP" in compliance with the EN 62471:2008 safety standard. This means that there are no restrictions using Reggiani LED Luce, which is perfectly safe in any setting.



Heat Sink

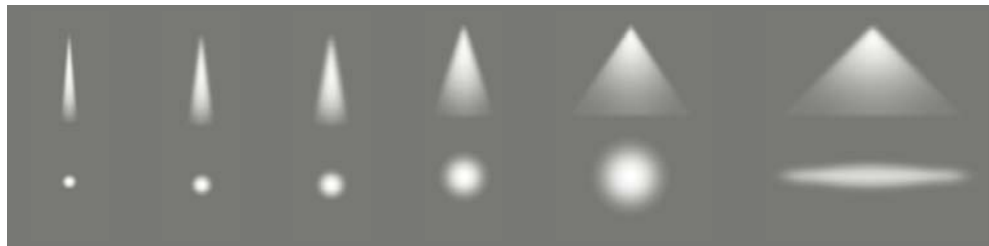
Thermal simulations and laboratory tests performed according to standard IEC-60598-1 on all Reggiani luminaires. This has enabled Reggiani to create passive heat sinks in aluminium units that ensure perfectly efficient, long-lasting LEDs under the standard operating conditions.



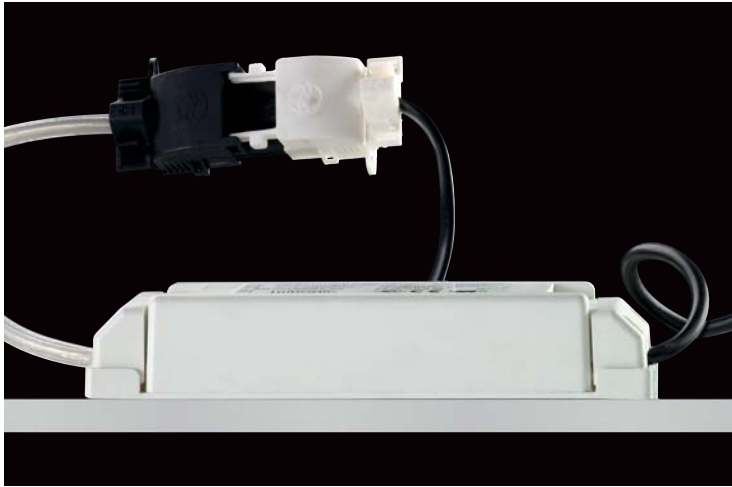
Optics

Reggiani luminaires integrate the innovative Interchangeable Optical System (IOS), a complete series of optics with a very wide range of light beams and colors; this makes it very simple to change the lighting design layout of a setting at any time:

- IOS Features;
- stabilized polycarbonate reflector up to T 140°C
- high reflecting metallization leading providing to up to 89% efficiency
- exclusive scratch resistant and vitrified surface
- antistatic shield with high heat transfer coefficient



Extensive light beam selection (63 different symmetric beams from 2x6° to 2x36° as well as asymmetric optics and Wall Washer Mira beams) to maximize efficiency and versatility of the lighting design layout.



Driver Technology

There are over 30 electronic components inside the LED driver and every component is just as important as the LED itself. High efficiency and constant current drivers provide real energy savings and guarantee a lifespan of 50,000 hours. We design our control gear to work in unison with our LED's and Heat Sinks.

Our Environment

The Reggiani environmental management system is ISO 14001 certified and is recognized as a concrete commitment to environmental sustainability.

Our way of making light has always been highly tangible. Likewise our management of the environmental issue is not limited to mere statements of principle. Our environmental management envisages actions that, day in and day out, make a real contribution to keeping the environmental impact of corporate activities under control and systematically seeking to improve them in a manner that is coherent, effective and sustainable.

It is a mind-set, a lifestyle that affects our each and every action. It is a strategy that guides our basic choices and daily decisions

within an integrated system that pays utmost attention to reducing energy consumption and CO² emissions. This is applied to reduce everything from light pollution, to paper wastes and shipping costs. Reggiani luminaires fit with the IOS system and are among those with the lowest energy consumption which help to reduce CO₂ emissions. Considering environmental protection as a top priority also guides our corporate design and industrial choices. When choosing production technologies, materials and suppliers, we consider quality and eco-sustainability along with economic parameters.

It is a way of investing in the most important project that affects us all: our future.

Sustainable and Recyclable

LED is the light source with the lowest impact on the environment; its few components can be easily broken down, disposed of and recycled. Example:

Material by Type used for Construction of a Specific fixture	% of Recycled Material used to produce specific Components by Material	Fixture/Code: Total % by Material type used to manufacture a fixture.			% of Material that can be recycled after use.
		UNISIO 4x16W - 30030	UNISIO 1x16W - 30025	BISIO 1x16W - 30075/76/77	
Iron	0%	2%	4%	14%	100%
Aluminium	29,25% (Average)	73%	62%	51%	100% - See Note 3*
Copper	0%	4%	11%	9%	100%
Polycarbonate - See Note 1*	0%	6%	3%	4%	100%
Paper / Cardboard	100%	12%	9%	11%	100%
Non-Recyclable Material/Components - See Note 2*	As outlined	3%	10%	11%	Variable

Note 1*

All Polycarbonate material used in the manufacture of all Lighting Luminaires & Control Gear Housings - Traditional or LED must be manufactured to conform to EN/IEC 60598, all sections and Sub -sections applicable to comply with Glow Wire Test 850°C.

The Polycarbonate material required for compliance with EN/IEC 60598 850°C Glow Wire test compliance must be high of a grade that does not use recycled material. The Polycarbonate is however 100% recyclable after use.

Note 2*

Non Recyclable components are made from mixed materials e.g Copper & Plastics including Polycarbonate & Including Electronic Circuit Boards & Specific Components mounted on the Electronic Circuit Boards.

Note 3*

The LED Chip is mounted directly to an Aluminium Heat Sink - The LED Chip and Aluminium Heat Sink are both 100% recyclable.



LED Optics IOS

LED LUCE integrates the best LEDs – **6W to 64W**, with various shades of excellent white light, a lifetime of over 50,000 hours, low consumption and that are maintenance-free. All is incorporated in exclusive luminaire bodies that use new interchangeable optics (Reggiani IOS), which have very high optical and energy efficiency, a full range of beam spreads and lower installation costs.

THE REGGIANI LED LUCE SYSTEM

A high performance LED Luce, an optimized heat sink, high-efficiency optics and a top-of-the-range driver together form the lighting bodies in the RE LED Luce series.

In order to construct a first-rate luminaire, apart from having a good LED, it is also necessary:

- to not exceed its heat limits, which means combining the LED with an appropriate heat sink;
- to select a driver that complies with the power supply specifications but that in particular has a comparable lifetime – in operating hours – with the LED itself.

RE LED LUCE - SUSTAINABLE AND RECYCLABLE

LED is the light source with the lowest impact on the environment; its few components can be easily broken down, disposed of and recycled.

RE LED LUCE - THE OPTICS

Exclusive luminaires integrate the innovative Interchangeable Optical System (IOS), a complete series of optics with a very wide range of light beams and colors. This makes it very simple to change a beam pattern design of a light fixture with just the twist of your hand, no tools needed, no replacing the lamp. Simple to change the lighting design layout of a setting at any time:

- stabilized polycarbonate reflector up to T 140°C
- high reflecting metallization providing up to 90% efficiency
- exclusive scratch resistant and vitrified surface
- antistatic shield with high heat transfer coefficient



MH Optics IOS

The key element of luminous efficiency is the optics. The possibility of the optics being a separate body from the luminaire and easily replaceable means the kind of lighting given to the setting can be changed without replacing the whole luminaire – this produces efficiency without limiting design freedom, on the contrary, enhancing it.

Everything in the Reggiani IOS, Interchangeable Optical System is designed to save:

- lower initial outlay, because higher luminous efficiency means fewer luminaires to light the same area;
- lower installation costs, because the simplicity of Reggiani IOS installation translates into greatly reduced assembly and replacement times compared to any other type of product;
- lower energy consumption, thanks to the reflector's luminous efficiency that can reach 90%, over 25% more than reflectors with traditional optics;
- lower air-conditioning costs, because fewer light points and lower wattage installed mean less heat dispersed so the air-conditioning system does not have to work as hard;
- lower system costs, because fewer light points mean a simpler and more efficient system.

RE LED LUCE - SUMMARY TABLE OF TECHNICAL SPECIFICATIONS

	Actual LED wattage	ID abbreviation	kelvin	SDCM 3 (Binning) K Tolerance		CRI	Lumens	lm/watt LED	Power consumption LED + Driver	lm/watt LED + Driver	Risk group (photobiological hazard) according to EN 62471:2008
6W LED	6.1W	HQ	3000K	SDCM 3	+/- 50K	90	335	54,7	7,5W	44,7	Exempt Group 0
		WW	3000K			85	425	69,4		56,7	Exempt Group 0
		NN	4000K			85	485	79,2		64,7	Exempt Group 0
7W LED	6.8W	HQ	3000	SDCM 3	+/- 50K	93	650	95,6	9,5W	68,4	Exempt Group 0
		WW	3000			83	810	119,1		85,3	Exempt Group 0
		NN	4000			83	860	126,5		90,5	Exempt Group 0
10W LED	9.3W	HQ	3000	SDCM 3	+/- 50K	90	735	79,0	12,0W	61,3	Exempt Group 0
		WW	3000			83	980	105,4		81,7	Exempt Group 0
		NN	4000			83	1000	107,5		83,3	Exempt Group 0
14W LED	13.7W	HQ	3000	SDCM 3	+/- 50K	90	860	62,8	15,6W	55,1	Exempt Group 0
		WW	3000			85	995	72,6		63,8	Exempt Group 0
		NN	4000			85	1100	80,3		70,5	Exempt Group 0
		CC	5000			65	1315	96,0		84,3	Exempt Group 0
4 x 14W LED	54.8W	HQ	3000	SDCM 3	+/- 50K	90	3440	62,8	59,0W	58,3	Exempt Group 0
		WW	3000			85	3980	72,6		67,5	Exempt Group 0
		NN	4000			85	4400	80,3		74,6	Exempt Group 0
		CC	5000			65	5260	96,0		89,2	Exempt Group 0
26W LED	25.9W	HQ	3000	SDCM <3	+/- 40K	94	2070	79,9	27,7W	74,7	Exempt Group 0
		WW	3000			85	2408	93,0		86,9	Exempt Group 0
		NN	4000			84	2535	97,9		91,5	Exempt Group 0
32W LED	31.7W	HQ	3000	SDCM <3	+/- 40K	94	2420	76,3	33,5	72,2	Exempt Group 0
		WW	3000			85	2817	88,9		84,1	Exempt Group 0
		NN	4000			84	2980	94,0		89,0	Exempt Group 0
33W LED	33.3W	HQ	3000K	SDCM <3	+/- 50K	97	2710	81,4	37,0W	73,2	Exempt Group 0
		WW	3000K			82	3550	106,6		95,9	Exempt Group 0
		NN	4000K			85	3560	106,9		96,2	Exempt Group 0
39W LED	38.6W	HQ	3000	SDCM 3	+/- 50K	97	2970	75,2	41,0W	72,4	Exempt Group 0
		WW	3000			82	3955	102,5		96,5	Exempt Group 0
		NN	4000			82	4295	108,7		104,8	Exempt Group 0
4 x 26W LED	103.6W	HQ	3000K	SDCM <3	+/- 40K	94	8280	79,9	111,0W	74,6	Exempt Group 0
		WW	3000K			85	9632	93,0		86,8	Exempt Group 0
		NN	4000K			84	10140	97,9		91,4	Exempt Group 0
MILED -16W LED	16,2W	WW	3000K	SDCM <3	+/- 50K	85	1533	94,6	18,1W	84,5	Exempt Group 0
		NN	4000K			85	1770	109,3		97,6	Exempt Group 0
MILED -12W LED	12,3W	WW	3000K	SDCM <3	+/- 50K	85	1235	100,4	13,8W	89,6	Exempt Group 0
		NN	4000K			85	1490	121,1		108,2	Exempt Group 0
MILED -25W LED	25,6W	WW	3000K	SDCM <3	+/- 50K	85	2350	91,8	28,7W	82,0	Exempt Group 0
		NN	4000K			85	2810	109,8		98,0	Exempt Group 0
MILED -32W LED	32,5W	WW	3000K	SDCM <3	+/- 50K	85	2990	92,9	36,1W	82,9	Exempt Group 0
		NN	4000K			85	3465	107,6		96,1	Exempt Group 0

LED efficiency is improving all the time due to rapid technological developments.
The light emission parameters of the LEDs in the table refer to the specifications declared by their manufacturer in March 2012.

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REGGIANI LIGHTING USA, INC.

372 Starke Road
Carlstadt NJ 07072 USA
tel. (+1) 201 372 1717
fax (+1) 201 372 1616
www.reggianiusa.com

Reggiani Lighting USA is a wholly owned subsidiary of Reggiani Spa Illuminazione, manufacturing and distributing Reggiani luminaires for the entire United States.

Our headquarters and warehouse are located in Carlstadt, New Jersey.

Our services include full lighting design using the latest CAD technology.

For a complete list of our services, details about our extensive product line, please call us, email us or visit our website.

Reggianiusa.com

REGGIANI LIGHTING USA, INC.

372 Starke Road
Carlstadt NJ 07072 USA
tel. (+1) 201 372 1717
fax (+1) 201 372 1616
reggianilighting@reggiani.net
www.reggianiusa.com

REGGIANI SPA ILLUMINAZIONE

Viale Monza 16 • P.O. Box 99
20845 Sovico (MB) Italy
tel. (+39) 039 2071.1
fax (+39) 039 2071999
Skype: reggiani.spa.illuminazione
contact@reggiani.net
www.reggiani.net

REGGIANI LTD LIGHTING

12 Chester Road
Borehamwood Herts
WD6 1LT London UK
tel. (+44) 020 82363000
fax (+44) 020 82363099
reggiani@reggiani.co.uk

REGGIANI SPA ILLUMINAZIONE

Showroom Bureau Projets - Paris
35 Bd. Richard Lenoir (Bastille)
75011 Paris France
tel. (+33) 01 433 82704
fax (+33) 01 433 82720
reggiani-showroom@wanadoo.fr

REGGIANI RUSSIA

Leninskaya str. 204, of.3,
443001 Samara Russia
Tel./Fax +78462476416
russia@reggiani.net

**REGGIANI NINGBO ITG LIGHTING
CO.LTD**

Shenjia Village, Qiuai Town, Yinzhou
Ningbo China 315010
tel. (+86) 574 88418655, 88412627
fax (+86) 574 88364186
info@itglight.com
Show Room:
923-927 Zhong Shan
East Road 315040 Ningbo China
tel. (+86) 574 87800077
fax (+86) 574 87802088
show@itglight.com

