Airfield Lighting
Spare Part List
8" Inset Lights - IDM 4671, IDM 4581, IDM 4582

IDMAN

- Touchdown Zone
- Runway Centre Line
- Taxiway Centre Line
- Rapid exit taxiway indicator lights (RETIL)
- Enhanced Rapid Exit Taxiway Centre Line

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SPARE PART LIST

8" INSET LIGHTS

IDM 4671, IDM 4581, IDM 4582

This document includes a list of spare parts with exploded view examples.

Note: Contact Safegate Group for assistance with ordering spare parts.

Description (Top Cover)	No.	Quantity*	Including*	Drawing	Code
Top Cover assembly for Uni-directional luminaires (IDM 4581, IDM 4671)		1**			
Top Cover	1		1	O-51706	10502
Helicoil® Plus Screwlock M6x9 Stainless Steel	2		2	-	10159
Top Cover assembly for Uni-directional luminaires with left Toe-in (IDM 4671)		1**			
Top Cover	1		1	O-51821	10503
Helicoil® Plus Screwlock M6x9 Stainless Steel	2		2	-	10159
Top Cover assembly for Uni-directional luminaires with right Toe-in (IDM 4671)		1**			
Top Cover	1		1	O-51822	10504
Helicoil® Plus Screwlock M6x9 Stainless Steel	2		2	-	10159
Top Cover assembly for Bi-directional luminaires (IDM 4582)		1**			
Top Cover	1		1	O-51516	10518
Helicoil® Plus Screwlock M6x9 Stainless Steel	2		2	-	10159
Prism Sealing	3	½ or 1		O-51518	10515
Prism for RCL & TDZ (N)	4	1 or 2 **		O-51490	10517
Prism for Enhanced Rapid Exit TCL (W)	4	1**		O-51791	15354
Prism Pad	5	1		O-51673	10516
Interference colour filter 47,5x26,5x1 mm, Red	6	0 or 1**		O-51674	10510
Interference colour filter 47,5x26,5x1 mm, Yellow		0 or 1**		O-51674	10511
Interference colour filter 47,5x26,5x1 mm, Green		0 or 1**		O-51674	15353
Prism Fastening Plate	7	1		O-51519	10514
Latch		2			
Latch handle	8		1	K-51754	10729
Latch mounting piece	9		1	O-51591	10741
Spring Washer DIN 127 M6 A4 Stainless Steel	10	6		-	11946
Hex Screw DIN 933 M6x16 A4 Stainless Steel	11	8		-	11684
O-ring 160,0x3,0 mm Silicon	12	1		-	10198

Note:
* Quantity indicates number of parts in light unit, including how many pieces are included in assembly sold as a spare part.
** Item is an alternative option for the light structure.

For more information, see FIGURE 1.

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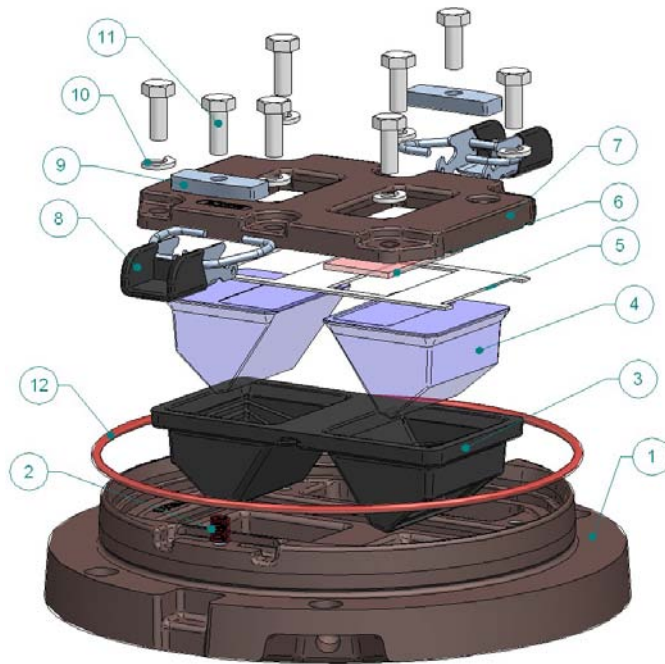| Description (Inner Cover)	No.	Quantity*	Including*	Drawing	Code
Inner Cover for 1-cable, without grounding		1**			
Inner cover	13		1	O-51573	10728
Pin DIN 1475 4x24 A4 Stainless Steel	14		2	-	10730
Inner Cover for 2-cables without grounding (IDM 4582 dual input)	13	1**			
Inner cover			1	O-51698	10770
Pin DIN 1475 4x24 A4 Stainless Steel	14		2	-	10730
Cable Gland	15	2 or 4		-	10061
O-ring 6,0x2,0 mm NBR70	16	1		-	11815
Valve	17	1		-	10235
Cable, KDC FAA style 6	18	1 or 2		-	11628
Connector	19	1 or 2		-	11743
Interconnect Wire	20	0 or 1		-	11965
Screw DIN 7500C M4x16 self-tapping A4 Stainless Steel	21	1 or 2		-	10098
Lamp holder assembly for 1x50 mm Reflector Lamp		1**			
Lamp Holder, 2x50 mm Reflector Lamp	22		1	O-51575	10509
Lamp Fastener, D=50	23		1	O-51576	10732
Cotter Pin, Fixed Type	24		1	O-51681	10742
Spring	25		2	-	10092
Locking Ring DIN 6799-4 A2 Stainless Steel	26		2	-	10097
Cotter Pin, Locking Type	27		1	O-51614	10743
Inlet Softener	28		4	-	11567
Lamp holder assembly for 2x50 mm Reflector Lamp		1**			
Lamp Holder, 2x50 mm Reflector Lamp	22		1	O-51575	10509
Lamp Fastener, D=50	23		2	O-51576	10732
Cotter Pin, Fixed Type	24		2	O-51681	10742
Spring	25		4	-	10092
Locking Ring DIN 6799-4 A2 Stainless Steel	26		4	-	10097
Cotter Pin, Locking Type	27		2	O-51614	10743
Inlet Softener	28		4	-	11567
Bushing Screw	29	4		O-51782	15302
Reflector Lamp, 50 mm, 48W, 4 mm round female connectors	30	1 or 2		-	11882
O-ring 145,64x3,53 mm Silicon	31	1		-	11814
Note: ** Quantity indicates number of parts in light unit, including how many pieces are included in assembly sold as a spare part.* *** Item is an alternative option for the light structure.* For more information, see FIGURE 2.					

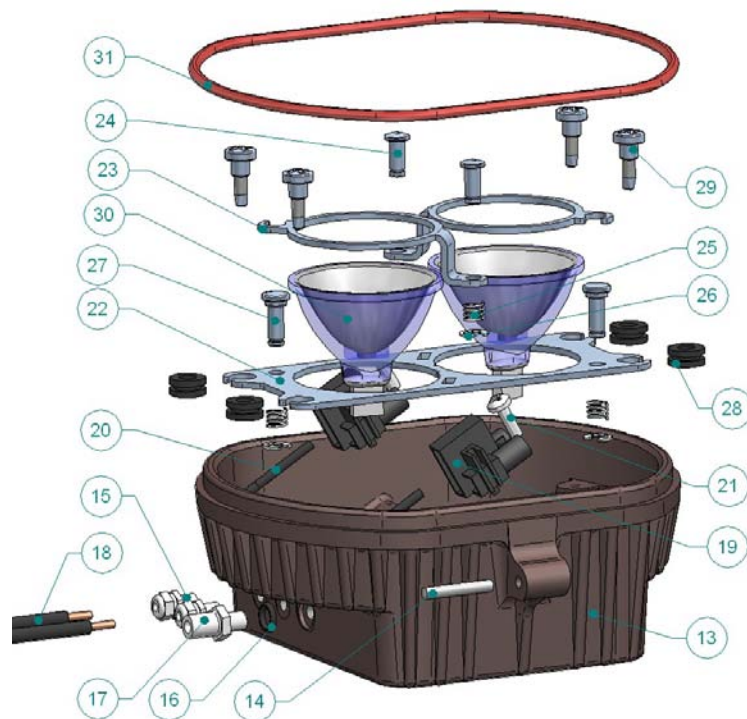**IDMAN**

FIGURE 1 – TOP COVER EXPLODED VIEW

FIGURE 2 – INNER COVER VIEW

Check in to the future

How many aircraft can your airport handle today?
Can this number be increased without adverse effects on the airport's safety level?
It is a known fact that traffic volume will rise in the foreseeable future. More movements will demand monitoring of the entire airport. Requirements will be sharpened and the development of an integrated system

controlling not only ground movements but also air traffic close to the airport is of the highest interest.
The International Civil Aviation Organization (ICAO) already describes A-SMGCS, Advanced Surface Movement Guidance and Control System, as the answer to the future modern airport need to control the entire airport space in one superior system.

To a larger extent than today's systems, A-SMGCS will rely on automated processes to give both pilots and traffic controllers exact information about positions and directions. Safegate Group delivers complete A-SMGCS solutions already, as well as all vital parts relating to it.
Safegate Group can check your airport into the future
– today!

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THORN Airfield Lighting **IDMAN**

Safegate Group offers solutions for increased safety, efficiency and environmental benefits to airports around the world. The company was founded in 1973 and has its headquarters in Malmö, Sweden. Safegate Group has over 70 partners around the globe in order to be close to its customers. The latest members of Safegate Group, Thorn AFL and Idman, have both over 40 years of experience in airfield lighting solutions for airports and heliports worldwide. Safegate Group´s complete range of products and services, a "one-stop shop", provides solutions to customers and airborne travellers around the globe.

For more contact information and details:
www.safegate.com