



FRAME 60

trim

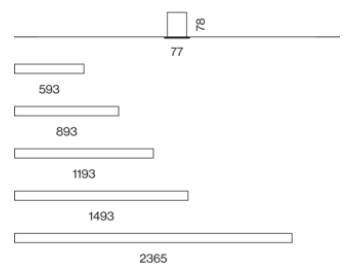
^{EN} Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

^{IT} Corpo illuminante in profilo di alluminio estruso; apparecchio da incasso con bordo perimetrale; per soffitti di spessore 8-25 mm; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000 K, 4000 K, tunable white
 2700 - 6500 K
 CRI \geq 80, CRI \geq 90 / 3 SDCM
 (initial MacAdam)
 UGR \leq 19
 fino a 2,750 lm/m
 fino a 141 lm/W
 L90 / 100000 h, L90 / 50000 h,
 L90 / 75000 h
 DALI-2, non DIM
 High Performance Opal,
 Microprismatic
 IP20

Types



Colore



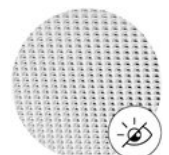
Distribuzione della luce



DiiA® standards
 251, 252, 253



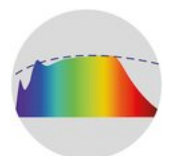
system solution



microprismatic
 UGR \leq 19



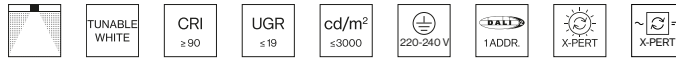
tunable white
 2700 - 6500 K



CRI \geq 98
 XPECTRUM
 (optional)



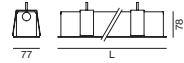
FRAME 60 trim



OPAL | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE		
6.9 W	593 mm	3000 K	80	879 lm	127 lm/W	0 5 2 - 4 7 L 2 5 1 <input checked="" type="checkbox"/> H		
			90	766 lm	111 lm/W	0 5 2 - 4 7 L 2 0 1 <input checked="" type="checkbox"/> H		
		4000 K	80	936 lm	136 lm/W	0 5 2 - 4 7 L 2 6 1 <input checked="" type="checkbox"/> H		
			90	766 lm	111 lm/W	0 5 2 - 4 7 L 2 1 1 <input checked="" type="checkbox"/> H		
		10.3 W	893 mm	3000 K	80	1320 lm	128 lm/W	0 5 2 - 4 7 L 3 5 1 <input checked="" type="checkbox"/> H
					90	1150 lm	112 lm/W	0 5 2 - 4 7 L 3 0 1 <input checked="" type="checkbox"/> H
		4000 K	80	1400 lm	136 lm/W	0 5 2 - 4 7 L 3 6 1 <input checked="" type="checkbox"/> H		
			90	1150 lm	112 lm/W	0 5 2 - 4 7 L 3 1 1 <input checked="" type="checkbox"/> H		
13.3 W	1193 mm	3000 K	80	1760 lm	132 lm/W	0 5 2 - 4 7 L 4 5 1 <input checked="" type="checkbox"/> H		
			90	1530 lm	115 lm/W	0 5 2 - 4 7 L 4 0 1 <input checked="" type="checkbox"/> H		
		4000 K	80	1870 lm	141 lm/W	0 5 2 - 4 7 L 4 6 1 <input checked="" type="checkbox"/> H		
			90	1530 lm	115 lm/W	0 5 2 - 4 7 L 4 1 1 <input checked="" type="checkbox"/> H		
		16.6 W	1493 mm	3000 K	80	2200 lm	133 lm/W	0 5 2 - 4 7 L 5 5 1 <input checked="" type="checkbox"/> H
					90	1910 lm	115 lm/W	0 5 2 - 4 7 L 5 0 1 <input checked="" type="checkbox"/> H
		4000 K	80	2340 lm	141 lm/W	0 5 2 - 4 7 L 5 6 1 <input checked="" type="checkbox"/> H		
			90	1910 lm	115 lm/W	0 5 2 - 4 7 L 5 1 1 <input checked="" type="checkbox"/> H		
26.6 W	2365 mm	3000 K	80	3520 lm	132 lm/W	0 5 2 - 4 7 L 8 5 1 <input checked="" type="checkbox"/> H		
			90	3060 lm	115 lm/W	0 5 2 - 4 7 L 8 0 1 <input checked="" type="checkbox"/> H		
		4000 K	80	3740 lm	141 lm/W	0 5 2 - 4 7 L 8 6 1 <input checked="" type="checkbox"/> H		
			90	3060 lm	115 lm/W	0 5 2 - 4 7 L 8 1 1 <input checked="" type="checkbox"/> H		

65xL-10 104



MICROPRISMATIC | MID LUMEN non DIM

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
6.9 W	593 mm	3000 K	80	765 lm	111 lm/W	0 5 2 - 4 7 L 2 5 1 <input checked="" type="checkbox"/> □
			90	666 lm	97 lm/W	0 5 2 - 4 7 L 2 0 1 <input checked="" type="checkbox"/> □
		4000 K	80	814 lm	118 lm/W	0 5 2 - 4 7 L 2 6 1 <input checked="" type="checkbox"/> □
			90	666 lm	97 lm/W	0 5 2 - 4 7 L 2 1 1 <input checked="" type="checkbox"/> □
10.3 W	893 mm	3000 K	80	1150 lm	112 lm/W	0 5 2 - 4 7 L 3 5 1 <input checked="" type="checkbox"/> □
			90	1000 lm	97 lm/W	0 5 2 - 4 7 L 3 0 1 <input checked="" type="checkbox"/> □
		4000 K	80	1220 lm	118 lm/W	0 5 2 - 4 7 L 3 6 1 <input checked="" type="checkbox"/> □
			90	999 lm	97 lm/W	0 5 2 - 4 7 L 3 1 1 <input checked="" type="checkbox"/> □
13.3 W	1193 mm	3000 K	80	1530 lm	115 lm/W	0 5 2 - 4 7 L 4 5 1 <input checked="" type="checkbox"/> □
			90	1330 lm	100 lm/W	0 5 2 - 4 7 L 4 0 1 <input checked="" type="checkbox"/> □
		4000 K	80	1630 lm	123 lm/W	0 5 2 - 4 7 L 4 6 1 <input checked="" type="checkbox"/> □
			90	1330 lm	100 lm/W	0 5 2 - 4 7 L 4 1 1 <input checked="" type="checkbox"/> □
16.6 W	1493 mm	3000 K	80	1910 lm	115 lm/W	0 5 2 - 4 7 L 5 5 1 <input checked="" type="checkbox"/> □
			90	1670 lm	101 lm/W	0 5 2 - 4 7 L 5 0 1 <input checked="" type="checkbox"/> □
		4000 K	80	2040 lm	123 lm/W	0 5 2 - 4 7 L 5 6 1 <input checked="" type="checkbox"/> □
			90	1670 lm	101 lm/W	0 5 2 - 4 7 L 5 1 1 <input checked="" type="checkbox"/> □
26.6 W	2365 mm	3000 K	80	3060 lm	115 lm/W	0 5 2 - 4 7 L 8 5 1 <input checked="" type="checkbox"/> □
			90	2670 lm	100 lm/W	0 5 2 - 4 7 L 8 0 1 <input checked="" type="checkbox"/> □
		4000 K	80	3260 lm	123 lm/W	0 5 2 - 4 7 L 8 6 1 <input checked="" type="checkbox"/> □
			90	2670 lm	100 lm/W	0 5 2 - 4 7 L 8 1 1 <input checked="" type="checkbox"/> □

Order options

CONTROL	COLOUR	COVER OPTION
non DIM	1 white aluminium RAL 9006	G microprismatic (glare reduced)
DALI-2	3 traffic white RAL 9016	7 microprismatic Z

OPAL | HIGH LUMEN

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
12.1 W	593 mm	3000 K	80	1480 lm	122 lm/W	0 5 2 - 4 7 M 2 5 <input checked="" type="checkbox"/> H
			90	1290 lm	107 lm/W	0 5 2 - 4 7 M 2 0 <input checked="" type="checkbox"/> H
		4000 K	80	1570 lm	130 lm/W	0 5 2 - 4 7 M 2 6 <input checked="" type="checkbox"/> H
			90	1290 lm	107 lm/W	0 5 2 - 4 7 M 2 1 <input checked="" type="checkbox"/> H
17.5 W	893 mm	3000 K	80	2220 lm	127 lm/W	0 5 2 - 4 7 M 3 5 <input checked="" type="checkbox"/> H
			90	1930 lm	110 lm/W	0 5 2 - 4 7 M 3 0 <input checked="" type="checkbox"/> H
		4000 K	80	2360 lm	135 lm/W	0 5 2 - 4 7 M 3 6 <input checked="" type="checkbox"/> H
			90	1930 lm	110 lm/W	0 5 2 - 4 7 M 3 1 <input checked="" type="checkbox"/> H
19.0 W	893 mm	tunable w.	80	2260 lm	119 lm/W	0 5 2 - 4 7 3 3 D 3 <input checked="" type="checkbox"/> H
23.3 W	1193 mm	3000 K	80	2960 lm	127 lm/W	0 5 2 - 4 7 M 4 5 <input checked="" type="checkbox"/> H
			90	2570 lm	110 lm/W	0 5 2 - 4 7 M 4 0 <input checked="" type="checkbox"/> H
		4000 K	80	3150 lm	135 lm/W	0 5 2 - 4 7 M 4 6 <input checked="" type="checkbox"/> H
			90	2570 lm	110 lm/W	0 5 2 - 4 7 M 4 1 <input checked="" type="checkbox"/> H
25.3 W	1193 mm	tunable w.	80	3010 lm	119 lm/W	0 5 2 - 4 7 3 4 D 3 <input checked="" type="checkbox"/> H
29.1 W	1493 mm	3000 K	80	3690 lm	127 lm/W	0 5 2 - 4 7 M 5 5 <input checked="" type="checkbox"/> H
			90	3220 lm	111 lm/W	0 5 2 - 4 7 M 5 0 <input checked="" type="checkbox"/> H
		4000 K	80	3930 lm	135 lm/W	0 5 2 - 4 7 M 5 6 <input checked="" type="checkbox"/> H
			90	3220 lm	111 lm/W	0 5 2 - 4 7 M 5 1 <input checked="" type="checkbox"/> H
31.0 W	1493 mm	tunable w.	80	3760 lm	121 lm/W	0 5 2 - 4 7 3 5 D 3 <input checked="" type="checkbox"/> H
45.0 W	2365 mm	3000 K	80	5910 lm	131 lm/W	0 5 2 - 4 7 M 8 5 <input checked="" type="checkbox"/> H
			90	5150 lm	114 lm/W	0 5 2 - 4 7 M 8 0 <input checked="" type="checkbox"/> H
		4000 K	80	6290 lm	140 lm/W	0 5 2 - 4 7 M 8 6 <input checked="" type="checkbox"/> H
			90	5150 lm	114 lm/W	0 5 2 - 4 7 M 8 1 <input checked="" type="checkbox"/> H
49.0 W	2365 mm	tunable w.	80	6020 lm	123 lm/W	0 5 2 - 4 7 3 8 D 3 <input checked="" type="checkbox"/> H

Order options

CONTROL		COLOUR		COVER OPTION	
non DIM		1 white aluminium RAL 9006		G microprismatic (glare reduced)	G
DALI-2		3 traffic white RAL 9016		7 microprismatic	Z

MICROPRISMATIC | HIGH LUMEN

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
12.1 W	593 mm	3000 K	80	1290 lm	107 lm/W	0 5 2 - 4 7 M 2 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1120 lm	93 lm/W	0 5 2 - 4 7 M 2 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	1370 lm	113 lm/W	0 5 2 - 4 7 M 2 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1120 lm	93 lm/W	0 5 2 - 4 7 M 2 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
17.5 W	893 mm	3000 K	80	1930 lm	110 lm/W	0 5 2 - 4 7 M 3 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1680 lm	96 lm/W	0 5 2 - 4 7 M 3 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	2050 lm	117 lm/W	0 5 2 - 4 7 M 3 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	1680 lm	96 lm/W	0 5 2 - 4 7 M 3 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
19.0 W	893 mm	tunable w.	80	1960 lm	103 lm/W	0 5 2 - 4 7 3 3 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
23.3 W	1193 mm	3000 K	80	2570 lm	110 lm/W	0 5 2 - 4 7 M 4 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2240 lm	96 lm/W	0 5 2 - 4 7 M 4 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	2740 lm	118 lm/W	0 5 2 - 4 7 M 4 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2240 lm	96 lm/W	0 5 2 - 4 7 M 4 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
25.3 W	1193 mm	tunable w.	80	2620 lm	104 lm/W	0 5 2 - 4 7 3 4 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
29.1 W	1493 mm	3000 K	80	3210 lm	110 lm/W	0 5 2 - 4 7 M 5 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2800 lm	96 lm/W	0 5 2 - 4 7 M 5 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	3420 lm	118 lm/W	0 5 2 - 4 7 M 5 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	2800 lm	96 lm/W	0 5 2 - 4 7 M 5 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
31.0 W	1493 mm	tunable w.	80	3270 lm	105 lm/W	0 5 2 - 4 7 3 5 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>
45.0 W	2365 mm	3000 K	80	5140 lm	114 lm/W	0 5 2 - 4 7 M 8 5 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	4480 lm	100 lm/W	0 5 2 - 4 7 M 8 0 <input checked="" type="checkbox"/> <input type="checkbox"/>
		4000 K	80	5480 lm	122 lm/W	0 5 2 - 4 7 M 8 6 <input checked="" type="checkbox"/> <input type="checkbox"/>
			90	4480 lm	100 lm/W	0 5 2 - 4 7 M 8 1 <input checked="" type="checkbox"/> <input type="checkbox"/>
49.0 W	2365 mm	tunable w.	80	5240 lm	107 lm/W	0 5 2 - 4 7 3 8 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/>

Mounting accessories (optional)

CONCRETE INSTALLATION HOUSING

L-W-H (mm)	ORDER CODE
935-75-88	0 3 5 - 0 4 0 9 6
1235-75-88	0 3 5 - 0 4 1 2 6
1535-75-88	0 3 5 - 0 4 1 5 6
2407-75-88	0 3 5 - 0 4 2 3 6
635-75-88	0 3 5 - 0 4 0 6 6

no use for wall installation (only on request)

Order options

CONTROL		COLOUR		COVER OPTION	
non DIM		1 white aluminium RAL 9006		G microprismatic (glare reduced)	G
DALI-2		3 traffic white RAL 9016		7 microprismatic	Z

Office Ashurst, London

Regno Unito

Architetto

Sheppard Robson

Lighting Design

Troup Bywaters +
Anders, Architectural
Lighting and Light
Bureau

Fotografo

Felix Mooneeram



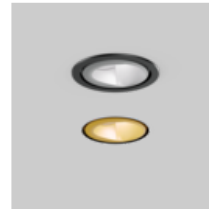
Prodotti utilizzati



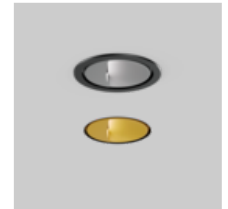
**ANDRO IQ round
recessed**



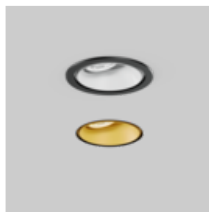
**SASSO 100 round
downlight recessed 1
lamp**



**SASSO 100 round
wallwasher/floor
recessed 1 lamp**



**SASSO 100 round
wallwasher recessed
1 lamp**



**SASSO 100 round
adjustable recessed 1
lamp**



FRAME 60 trim





