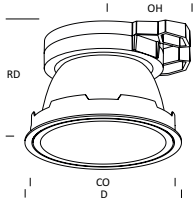


Featuring precise glare limitation for highest-category VDU applications according to LG7 (above 65°< 1000 cd/m²).



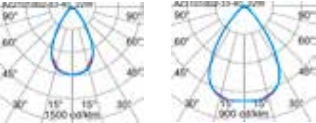
SQUARE

System photometric data							Article number
LED	Llm	Llm/W	γ≥65°cd/m²	UGR	RD mm	kg	
CRI > 80							
Q15, CO 170x170 mm, LxW 177x177 mm, OH 105 mm							
12 W	1170	84	<1000	15	130	0.8	AZ2101001-33-40
15 W	1630	96	<1000	16	130	0.8	AZ2101002-33-40
22 W	2270	91	<1000	17	130	0.8	AZ2101002-33-40
32 W	3060	85	<1000	18	170	0.8	AZ2101002-33-40
Q18, CO 200x200 mm, LxW 207x207 mm							
15 W	1670	98	<1000	15	130	0.9	AZ2101012-33-40
22 W	2330	93	<1000	16	130	0.9	AZ2101012-33-40
32 W	3150	88	<1000	17	170	0.9	AZ2101012-33-40
Use index -40 for 4000K or -30 for 3000K							



Luminaire housing
Non deformable housing made of aluminium and UV-resistant plastic
Slightly raised mounting ring for homogeneous ceiling appearance
Frame/Ring colour white (comparable RAL9016)

Operating and assembly technology
Order LED gear box separately (standard or DALI dimmable)
Gear boxes suitable for connection to central battery
Quick installation due to 3-point screw fixing
Suitable for ceiling thicknesses of 1-25 mm
Reflector with safety suspension



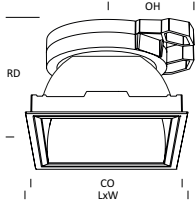
LED gear boxes	Article number			
	without loop-in function		with loop-in function	
	standard	DALI	standard	DALI
12 W	83761	83761-DD	83780-DV	83780-DD-DV
15 W	83771	83771-DD	83777-DV	83777-DD-DV
22 W	83761	83761-DD	83778-DV	83778-DD-DV
32 W	83762	83762-DD	83779-DV	83779-DD-DV

Concrete mounting boxes		Article number
Q15, 12/15/22 W		88085Q15
Q15, 32 W		88088Q15
Q18, 15/22 W		88085Q18
Q18, 32 W		88088Q18
R15, 12/15/22 W		88080R15
R15, 32 W		88089R15
R18, 15/22 W		88080R18
R18, 32 W		88089R18

Details on operation and assembly on page 48.



Photography: Mathilde Dusol, NL



Mode of Protection IP44 in closed ceiling systems - the TSG screen protects the reflector room against spray water ingress and dirt.



SQUARE

System photometric data							Artcle number	
LED	Llm	Llm/W	γ≥65°cd/m²	UGR	RD mm	kg	Luminaire	Safety screen
CRI > 80								
Q15, CO 170x170 mm, LxW 177x177 mm, OH 105 mm								
12 W	1090	78	<1000	15	135	0.9	AZ2102001-30-40	+ 83818Q15
15 W	1510	89	<1000	16	135	0.9	AZ2102002-30-40	+ 83818Q15
22 W	2110	84	<1000	17	135	0.9	AZ2102002-30-40	+ 83818Q15
32 W	2840	79	<1000	18	175	0.9	AZ2102002-30-40	+ 83818Q15
Q18, CO 200x200 mm, LxW 207x207 mm								
15 W	1560	92	<1000	15	135	1.0	AZ2102012-30-40	+ 83818Q18
22 W	2170	87	<1000	16	135	1.0	AZ2102012-30-40	+ 83818Q18
32 W	2930	81	<1000	17	175	1.0	AZ2102012-30-40	+ 83818Q18
Use index -40 for 4000K or -30 for 3000K								

Safety Screen IP44

Tempered safety glass (TSG) for protection against spray water and dirt, combined with mirror reflector in pure aluminium (AL 99.98)

Lighting technology

Highly efficient light chamber with built-in diffuser for reduced luminance
Suitable for VDU workstations according to LG7, 65°< 1000 cd/m² and UGR < 19
Cut-off angle 30°
Colour rendering index CRI > 80
Constant colour temperature 3000, 4000 K
Precise chromaticity stability < 3-step MacAdams 50,000h lifetime (L70)

Luminaire housing

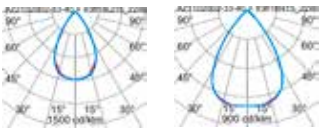
Non deformable housing made of aluminium and UV-resistant plastic
Slightly raised mounting ring for homogeneous ceiling appearance
Frame/Ring colour white (comparable RAL9016)

Operating and assembly technology

Order LED gear box separately (standard or DALI dimmable)
Gear boxes suitable for connection to central battery
Quick installation due to 3-point screw fixing
Suitable for ceiling thicknesses of 1-25 mm
Reflector with safety suspension



IP 44 in closed ceiling systems



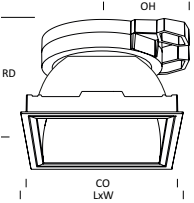
ROUND

System photometric data							Article number	
LED	Llm	Llm/W	γ≥65°cd/m²	UGR	RD mm	kg	Luminaire	Safety screen
CRI> 80								
R15, CO 165 mm, D 172 mm, OH 105 mm								
12 W	1170	84	<1000	17	135	0.9	AZ1102001-30-40	+ 83818R15
15 W	1620	95	<1000	18	135	0.9	AZ1102002-30-40	+ 83818R15
22 W	2260	90	<1000	19	135	0.9	AZ1102002-30-40	+ 83818R15
32 W	3050	85	<1000	20	175	0.9	AZ1102002-30-40	+ 83818R15
R18, CO 195 mm, D 202 mm								
15 W	1670	98	<1000	16	135	1.0	AZ1102012-30-40	+ 83818R18
22 W	2320	93	<1000	18	135	1.0	AZ1102012-30-40	+ 83818R18
32 W	3130	87	<1000	18	175	1.0	AZ1102012-30-40	+ 83818R18
Use index -40 for 4000K or -30 for 3000K								

LED gear boxes	Article number			
	without loop-in function standard	DALI	with loop-in function standard	DALI
12 W	83761	83761-DD	83780-DV	83780-DD-DV
15 W	83771	83771-DD	83777-DV	83777-DD-DV
22 W	83761	83761-DD	83778-DV	83778-DD-DV
32 W	83762	83762-DD	83779-DV	83779-DD-DV

Concrete mounting boxes	Article number
Q15, 12/15/22 W	88085Q15
Q15, 32 W	88088Q15
Q18, 15/22 W	88085Q18
Q18, 32 W	88088Q18
R15, 12/15/22 W	88080R15
R15, 32 W	88089R15
R18, 15/22 W	88080R18
R18, 32 W	88089R18

Details on operation and assembly on page 48.



Mode of Protection IP44 in closed ceiling systems - the TSG screen protects the reflector room against spray water ingress and dirt.



SQUARE

System photometric data							Artcle number	
LED	Llm	Llm/W	γ≥65°cd/m²	UGR	RD mm	kg	Luminaire	Diffusing screen
CRI > 80								
Q15, CO 170x170 mm, LxW 177x177 mm, OH 105 mm								
12 W	880	63	–	25	135	0.9	AZ2102001-30-40	+ 86206Q15
15 W	1220	72	–	25	135	0.9	AZ2102002-30-40	+ 86206Q15
22 W	1700	68	–	26	135	0.9	AZ2102002-30-40	+ 86206Q15
32 W	2290	64	–	27	175	0.9	AZ2102002-30-40	+ 86206Q15
Q18, CO 200x200 mm, LxW 207x207 mm								
15 W	1260	74	–	25	135	1.0	AZ2102012-30-40	+ 86206Q18
22 W	1750	70	–	25	135	1.0	AZ2102012-30-40	+ 86206Q18
32 W	2360	66	–	26	175	1.0	AZ2102012-30-40	+ 86206Q18
Use index -40 for 4000K or -30 for 3000K								

Diffusing Screen IP44

Made of etched tempered safety glass for soft dispersion of light in the room, combined with mirror reflector in pure aluminium (AL 99.98)

Lighting technology

Highly efficient light chamber with built-in diffuser for reduced luminance
Colour rendering index CRI > 80
Constant colour temperature 3000, 4000 K
Precise chromaticity stability < 3-step MacAdams 50,000h lifetime (L70)

Luminaire housing

Non deformable housing made of aluminium and UV-resistant plastic
Slightly raised mounting ring for homogeneous ceiling appearance
Frame/Ring colour white (comparable RAL9016)

Operating and assembly technology

Order LED gear box separately (standard or DALI dimmable)
Gear boxes suitable for connection to central battery
Quick installation due to 3-point screw fixing
Suitable for ceiling thicknesses of 1-25 mm
Reflector with safety suspension



IP 44 in closed ceiling systems

ROUND

System photometric data							Article number	
LED	Llm	Llm/W	γ≥65°cd/m²	UGR	RD mm	kg	Luminaire	Diffusing screen
CRI> 80								
R15, CO 165 mm, D 172 mm, OH 105 mm								
12 W	940	67	–	25	135	0.9	AZ1102001-30-40	+ 86206R15
15 W	1310	77	–	26	135	0.9	AZ1102002-30-40	+ 86206R15
22 W	1820	73	–	27	135	0.9	AZ1102002-30-40	+ 86206R15
32 W	2460	68	–	27	175	0.9	AZ1102002-30-40	+ 86206R15
R18, CO 195 mm, D 202 mm								
15 W	1340	79	–	26	135	1.0	AZ1102012-30-40	+ 86206R18
22 W	1870	75	–	26	135	1.0	AZ1102012-30-40	+ 86206R18
32 W	2530	70	–	27	175	1.0	AZ1102012-30-40	+ 86206R18
Use index -40 for 4000K or -30 for 3000K								

LED gear boxes	Article number			
	without loop-in function standard	DALI	with loop-in function standard	DALI
12 W	83761	83761-DD	83780-DV	83780-DD-DV
15 W	83771	83771-DD	83777-DV	83777-DD-DV
22 W	83761	83761-DD	83778-DV	83778-DD-DV
32 W	83762	83762-DD	83779-DV	83779-DD-DV

Concrete mounting boxes	Article number
Q15, 12/15/22 W	88085Q15
Q15, 32 W	88088Q15
Q18, 15/22 W	88085Q18
Q18, 32 W	88088Q18
R15, 12/15/22 W	88080R15
R15, 32 W	88089R15
R18, 15/22 W	88080R18
R18, 32 W	88089R18

Details on operation and assembly on page 48.