



## GRADO

RECESSED LUMINAIRE

The GRADO success story continues! For the award-winning power track-mounted spotlights GRADO and GRADO TWIN we are now, with the GRADO recessed variant, for both versions adding even more flexibility to optimum lighting solutions for retail. Since in that way GRADO can also be used with closed ceilings. The cleanly designed luminaire can at the same time, via the spotlight head pivotable around an axis, be oriented ideally to the goods. With its unobtrusive appearance it additionally ensures a harmonious ceiling layout.



### Controlled light distribution

Clear light imaging with centric core light



### Effective applications

Intense vertical and horizontal goods illumination



### Easy mounting

New, patented installation spring for simple installation and removal



### Useful adjustability

Spotlight head can be swivelled through 30° with aesthetic/subdued ceiling layout

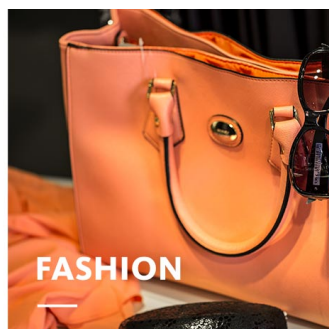


### Intelligent

LEDIQ for your smart lighting management



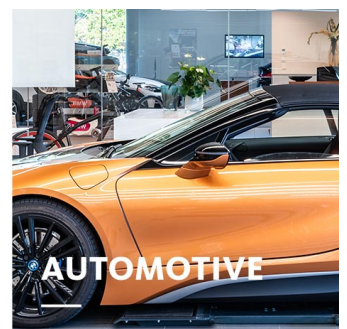
FOOD



FASHION



SHOP









AUTOMOTIVE

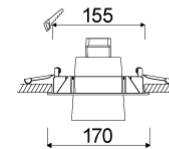
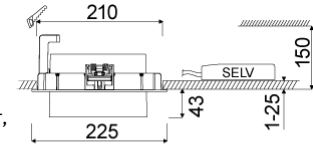
# GRADO

# oktalite

[www.oktalite.com/grado-r](http://www.oktalite.com/grado-r)

Type of luminaire	recessed luminaire
Application areas	Aisle zone illumination
Pan/tilt range	swivel range 30°/30°
Mounting	Okталite folding spring
Ceiling thickness	1 - 25 mm
Lighting technology	LED
LED Luminous Flux Class	1500 lm - 5000 lm
Light colour White	2700 K, 3000 K, 3000 K - Efficient White, 3000 K - Brilliant Colour, 3500 K, 4000 K
Light colour Food*	M, M+F, BF
Cooling	passive
Supply unit	Driver separate
Luminaire colour	RAL 9005 jet black RAL 9006 white aluminium RAL 9016 traffic white Special colours on request
Surface	structure powder-coated
Nominal voltage	220 - 240 V, 50/60Hz
Lighting controls	on request
Weight	Approx. 1.3 kg
Components	 Luminaire housing  Supply unit
Test seal	   

\* M = Meat,  
M = Meat, F = Fish,  
BF = Brilliant Food



Technical details as well as weight specifications and measurements have been prepared with care. Errors excepted. All dimensions in mm · LED service life data: L80/B10 at ambient temperature (ta) 25°C. Rated lamp service life 50,000h. Luminous flux and efficiency specifications are subject to a tolerance of +/- 10%. Min CRI Ra: >80 / >90 · Product images are used as an example and may differ from the original · We reserve the right to make changes, insofar as they serve progress. Okталite Lichttechnik GmbH · Mathias-Brüggen-Str. 73 · 50829 Cologne · T +49 221 59767-0 · F +49 221 59767-40 · mail@okталite.com · www.okталite.com · 2020-11-26

**GRADO****oktalite**

LED Luminous Flux Class	Light colour	CRI R <sub>a</sub>	system luminous flux	System performance	Order number		
					white	silver	black
2000 lm	2700 K	81	1970 lm	13 W	10206197	10206198	10206199
	3000 K	83	2025 lm	13 W	10206200	10206201	10206202
	3000 K - Efficient White	94	2215 lm	17 W	10206203	10206204	10206205
	3000 K - Brilliant Colour	97	2090 lm	21 W	10206206	10206207	10206208
	3500 K	84	2065 lm	13 W	10206209	10206210	10206211
	4000 K	83	2130 lm	13 W	10206212	10206213	10206214
3000 lm	2700 K	81	2935 lm	21 W	10206197	10206198	10206199
	3000 K	83	3020 lm	21 W	10206200	10206201	10206202
	3000 K - Efficient White	94	3055 lm	25 W	10206203	10206204	10206205
	3000 K - Brilliant Colour	97	3030 lm	32 W	10206206	10206207	10206208
	3500 K	84	3080 lm	21 W	10206209	10206210	10206211
	4000 K	83	3180 lm	21 W	10206212	10206213	10206214
4000 lm	2700 K	81	3835 lm	28 W	10206197	10206198	10206199
	3000 K	83	3945 lm	28 W	10206200	10206201	10206202
	3000 K - Efficient White	94	4015 lm	34 W	10206203	10206204	10206205
	3000 K - Brilliant Colour	97	3980 lm	46 W	10206206	10206207	10206208
	3500 K	84	4025 lm	28 W	10206209	10206210	10206211
	4000 K	83	4155 lm	28 W	10206212	10206213	10206214
5000 lm	2700 K	81	4665 lm	36 W	10206197	10206198	10206199
	3000 K	83	4795 lm	36 W	10206200	10206201	10206202
	3000 K - Efficient White	94	5030 lm	46 W	10206203	10206204	10206205
	3500 K	84	4890 lm	36 W	10206209	10206210	10206211
	4000 K	83	5055 lm	36 W	10206212	10206213	10206214
1500 lm	M	-	1645 lm	23 W	10206215	10206216	10206217
	M+F	-	1530 lm	23 W	10206218	10206219	10206220
2000 lm	M	-	2100 lm	30 W	10206215	10206216	10206217
	M+F	-	1955 lm	30 W	10206218	10206219	10206220
	BF	-	1970 lm	19 W	10206221	10206222	10206223
3000 lm	M	-	2900 lm	46 W	10206215	10206216	10206217
	M+F	-	2700 lm	46 W	10206218	10206219	10206220
	BF	-	2950 lm	30 W	10206221	10206222	10206223
4000 lm	BF	-	3680 lm	40 W	10206221	10206222	10206223

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Efficient White:  $R_9 = 75$ ,  $R_i = 91$ ,  $R_g = 102$



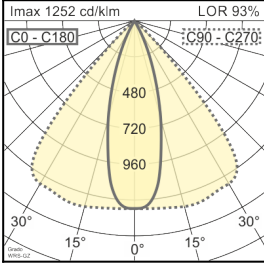
Brilliant Colour:  $R_9 = 94$ ,  $R_i = 95$ ,  $R_g = 104$

Technical details as well as weight specifications and measurements have been prepared with care. Errors excepted. All dimensions in mm · LED service life data: L80/B10 at ambient temperature ( $t_a$ ) 25°C. Rated lamp service life 50,000h. Luminous flux and efficiency specifications are subject to a tolerance of +/- 10%. Min CRI Ra: >80 / >90 · Product images are used as an example and may differ from the original · We reserve the right to make changes, insofar as they serve progress. Oktalite Lichttechnik GmbH · Mathias-Brüggen-Str. 73 · 50829 Cologne · T +49 221 59767-0 · F +49 221 59767-40 · mail@oktalite.com · www.oktalite.com · 2020-11-26

# Optic GRADO TWIN - LED

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Optic Specially designed reflector  
 Type Optic integrated

Beam angle				Cover	LOR																				
Wide Flood				without	93 %																				
<table border="1"> <thead> <tr> <th colspan="4">Grado WRS-GZ</th> </tr> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) E(C90) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>56</td> <td>1252</td> <td>563 280</td> </tr> <tr> <td>2</td> <td>112</td> <td>313</td> <td>141 70</td> </tr> <tr> <td>3</td> <td>168</td> <td>139</td> <td>63 31</td> </tr> </tbody> </table>				Grado WRS-GZ				Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) E(C90) [lx/klm]	1	56	1252	563 280	2	112	313	141 70	3	168	139	63 31		
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Accessories	Order number
Oktalite folding spring	10213714

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Supply unit - LED

## Driver

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Connection type	Pre-wired plug-in connectivity
Mains connection	GST 18i3
Cable length secondary	400 mm
Nominal voltage	220 - 240 V, 50/60Hz
protection	IP20
protection class	I, II
Lighting controls	on request
Lighting technology	LED

Lighting technology	Luminaire connection	Output	System performance	max. luminaires B16	Order number
LED	RNV	450 mA	17 W	49	10211947
LED	RNV	500 mA	19 W	49	10211948
LED	RNV	550 mA	21 W	25	10211949
LED	RNV	600 mA	23 W	25	10211950
LED	RNV	650 mA	25 W	25	10211951
LED	RNV	750 mA	28 W	25	10211953
LED	RNV	800 mA	30 W	25	10211954
LED	RNV	850 mA	32 W	25	10211955
LED	RNV	900 mA	34 W	25	10211956
LED	RNV	950 mA	36 W	25	10211957
LED	RNV	1050 mA	40 W	25	10211958
LED	RNV	1200 mA	46 W	30	10185634

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