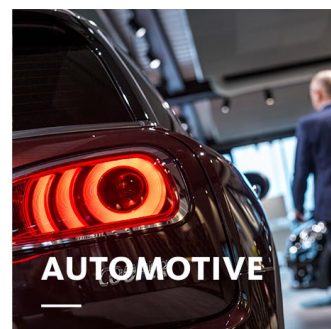
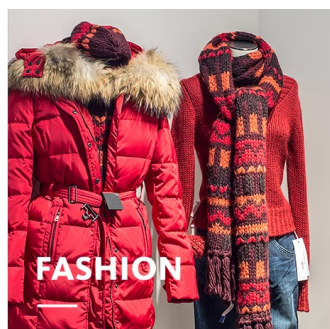




SISTEMA

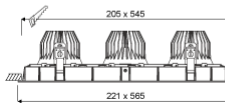
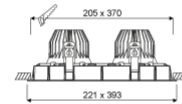
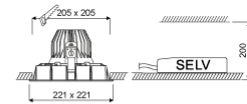
SYSTEM

SISTEMA - the modular recessed luminaire system with rectangular design features tool-free installation from frame to illumination module. Whether as a gimballed recessed spot or surface-mounted directional spot - it can be combined in your shop an innume







www.oktalite.com/sistema-s

Type of luminaire	System
Application areas	Accent lighting, base illumination
Pan/tilt range	Recessed spotlight: can be cardanically swivelled through 30° to each side. Surface-mounted spotlight: 355° tilting, 180° turning
Mounting	spring mounting
Ceiling thickness	1 - 25 mm
Lighting technology	LED ^{IQ}
Lumen category	3000 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*	B+V+C, M, M+F
Cooling	passive
Supply unit	DALI 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	DALI
Weight	1-module = approx. 1.5 kg, 2-modules = approx. 2.7 kg, 3-modules = approx. 3.9 kg

LED^{IQ}

Components

-  Lightframes
-  Luminaire housing
-  Optic
-  Supply unit


Test seal



* B = Bakery, V = Vegetable, C = Cheese,
M = Meat,
M = Meat, F = Fish

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. 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 · 2019-11-14

Reference	Modules	Mounting	Order number		
			white	silver	black
Lightframes	1-module	spring mounting	10103758	10103759	10103760
Lightframes	2-modules	spring mounting	10103761	10103762	10103763
Lightframes	3-modules	spring mounting	10103764	10103765	10103766

 Luminaire housing - LED^{IQ}

Reference	Lumen category	Light colour	CRI R _a	system luminous flux*	System performance	Order number		
						white	silver	black
Blank module	-	-	-	-		10103388	10103389	10103390
SISTEMA Luminaire module	3000 lm	M+F	-	2615 lm	46 W	10188453	10188454	10188455
SISTEMA Luminaire module	3000 lm	M	-	2810 lm	46 W	10188450	10188451	10188452
SISTEMA Luminaire module	4000 lm	3000 K - Brilliant Colour	97	3860 lm	46 W	10188441	10188442	10188443
SISTEMA Luminaire module	4000 lm	B+V+C	-	3775 lm	40 W	10188456	10188457	10188458
SISTEMA Luminaire module	5000 lm	2700 K	81	4490 lm	36 W	10188432	10188433	10188434
SISTEMA Luminaire module	5000 lm	3000 K	83	4615 lm	36 W	10188435	10188436	10188437
SISTEMA Luminaire module	5000 lm	3500 K	85	4710 lm	36 W	10188444	10188445	10188446
SISTEMA Luminaire module	5000 lm	4000 K	83	4865 lm	36 W	10188447	10188448	10188449
SISTEMA Luminaire module	5000 lm	3000 K - Efficient White	94	4845 lm	46 W	10188438	10188439	10188440

* System luminous flux based on medium flood reflector.



Efficient White: R₉ = 75, R_f = 91, R_g = 102



Brilliant Colour: R₉ = 94, R_f = 95, R_g = 104

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Optic - LED^{IQ}

Optic 132 - LED^{IQ}

(SISTEMA Luminaire module)

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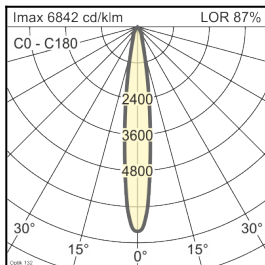
Reflector colour

silber

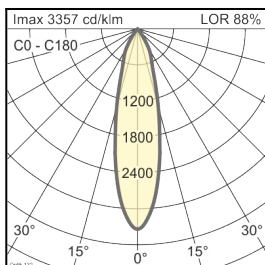
Lighting technology

LED^{IQ}

Beam angle Spot	Type of reflector	Cover / filter	LOR	Order number																						
				white	silver	black																				
<table border="1"> <thead> <tr> <th colspan="4">Optik 132 - SP</th> </tr> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>24</td> <td>6842</td> <td>3367</td> </tr> <tr> <td>2</td> <td>48</td> <td>1711</td> <td>842</td> </tr> <tr> <td>3</td> <td>73</td> <td>760</td> <td>374</td> </tr> </tbody> </table>	Optik 132 - SP				Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]	1	24	6842	3367	2	48	1711	842	3	73	760	374	Facets	without	87 %	10186829	10186830	10186831
	Optik 132 - SP																									
	Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]																						
1	24	6842	3367																							
2	48	1711	842																							
3	73	760	374																							
Facets	clear	83 %	10186844	10186845	10186846																					



Beam angle Medium Flood	Type of reflector	Cover / filter	LOR	Order number																						
				white	silver	black																				
<table border="1"> <thead> <tr> <th colspan="4">Optik 132 - MF</th> </tr> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>43</td> <td>3357</td> <td>1573</td> </tr> <tr> <td>2</td> <td>85</td> <td>839</td> <td>393</td> </tr> <tr> <td>3</td> <td>128</td> <td>373</td> <td>175</td> </tr> </tbody> </table>	Optik 132 - MF				Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]	1	43	3357	1573	2	85	839	393	3	128	373	175	Facets	without	88 %	10186832	10186833	10186834
	Optik 132 - MF																									
	Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]																						
1	43	3357	1573																							
2	85	839	393																							
3	128	373	175																							
Facets	clear	84 %	10186847	10186848	10186849																					



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. 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 · 2019-11-14

Optic 132 - LED^{IQ}

(SISTEMA Luminaire module)

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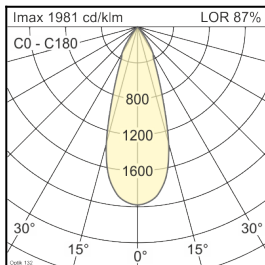
Reflector colour

silber

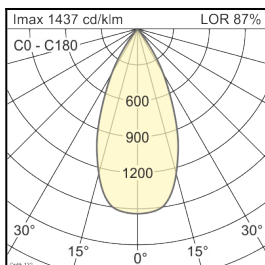
Lighting technology

LED^{IQ}

Beam angle Flood	Type of reflector	Cover / filter	LOR	Order number																						
				white	silver	black																				
<table border="1"> <thead> <tr> <th colspan="4">Optik 132 - FL</th> </tr> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>66</td> <td>1981</td> <td>857</td> </tr> <tr> <td>2</td> <td>132</td> <td>495</td> <td>214</td> </tr> <tr> <td>3</td> <td>197</td> <td>220</td> <td>95</td> </tr> </tbody> </table>	Optik 132 - FL				Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]	1	66	1981	857	2	132	495	214	3	197	220	95	Facets	without	87 %	10186835	10186836	10186837
	Optik 132 - FL																									
	Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]																						
1	66	1981	857																							
2	132	495	214																							
3	197	220	95																							
Facets	clear	83 %	10186850	10186851	10186852																					



Beam angle Wide Flood	Type of reflector	Cover / filter	LOR	Order number																						
				white	silver	black																				
<table border="1"> <thead> <tr> <th colspan="4">Optik 132 - WFL</th> </tr> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>87</td> <td>1437</td> <td>554</td> </tr> <tr> <td>2</td> <td>175</td> <td>359</td> <td>139</td> </tr> <tr> <td>3</td> <td>262</td> <td>160</td> <td>62</td> </tr> </tbody> </table>	Optik 132 - WFL				Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]	1	87	1437	554	2	175	359	139	3	262	160	62	Facets	without	87 %	10186838	10186839	10186840
	Optik 132 - WFL																									
	Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]																						
1	87	1437	554																							
2	175	359	139																							
3	262	160	62																							
Facets	clear	83 %	10186853	10186854	10186855																					



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. 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 · 2019-11-14

Optic 132 - LED^{IQ}

(SISTEMA Luminaire module)

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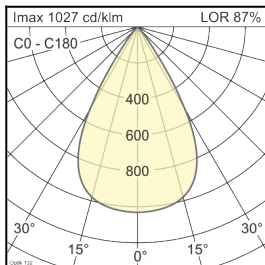
Reflector colour

silber

Lighting technology

LED^{IQ}

Beam angle Very Wide Flood	Type of reflector	Cover / filter	LOR	Order number																						
				white	silver	black																				
<table border="1"> <thead> <tr> <th colspan="4">Optik 132 - VFL</th> </tr> <tr> <th>Höhe [m]</th> <th>KegelØ [cm]</th> <th>E(0°) [lx/klm]</th> <th>E(C0) [lx/klm]</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>117</td> <td>1027</td> <td>333</td> </tr> <tr> <td>2</td> <td>235</td> <td>257</td> <td>83</td> </tr> <tr> <td>3</td> <td>352</td> <td>114</td> <td>37</td> </tr> </tbody> </table>	Optik 132 - VFL				Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]	1	117	1027	333	2	235	257	83	3	352	114	37	Facets	without	87 %	10186841	10186842	10186843
	Optik 132 - VFL																									
	Höhe [m]	KegelØ [cm]	E(0°) [lx/klm]	E(C0) [lx/klm]																						
1	117	1027	333																							
2	235	257	83																							
3	352	114	37																							
	Facets	clear	83 %	10186856	10186857	10186858																				



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. 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 · 2019-11-14



Supply unit - LED^{IQ}

DALI driver

oktalite

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

Lighting technology	Output	System performance	Order number
LED IQ	950 mA	36 W	10185640
LED IQ	1050 mA	40 W	10185642
LED IQ	1200 mA	46 W	10185643

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. 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 · 2019-11-14