



Radiance in digital form

Lightscan for sophisticated lighting tasks in outdoor areas

Lightscan lends a new flair to outdoor lighting, yet cuts an equally fine figure indoors where applications call for a higher protection mode. Elegant look and highly efficient photometrics join to form a perfect symbiosis. Its high levels of luminous flux enable the illumination of buildings, walls or objects even where these are exceptionally tall or offer few options to position the projectors. A wide range of light distributions ensures that the

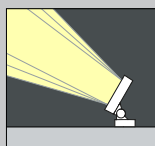
light is projected only where it's needed.

Lightscan is exceptionally weather-resistant, as its slim silhouette blends harmoniously with the surroundings. Its flush cover glass as a contributing factor looks the part, elegantly providing reliable protection, but is also most easy to clean. An extensive range of mounting hardware means the Lightscan effortlessly fulfils different requirements of its environment making

it a versatile tool in lighting design. Maintenance-free optoelectronics guarantee maximum efficiency to help save our resources and result in lower operating costs.



Accentuation
Emphasis of objects or architectural elements.



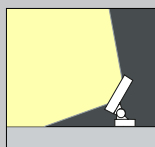
Projectors
Very narrow to wide beam, rotationally symmetrical light distribution for accent lighting.

LED module
2W - 96W
210lm - 13200lm
Light distribution: Narrow spot, Spot, Flood

LED RGBW module
30W
1900lm
Light distribution: Spot, Flood



Washlighting
Wide-beam illumination of larger objects or spatial zones.



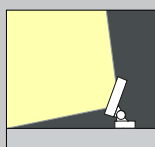
Floodlights
Very wide rotationally symmetrical or axially symmetrical light distribution for floodlighting.

LED module
6W - 96W
630lm - 13200lm
Light distribution: Wide flood, Extra wide flood, Oval flood

LED RGBW module
30W
1900lm
Light distribution: Wide flood, Extra wide flood, Oval flood



Wallwashing
Vertical illuminance for brightening the surroundings and segmenting the exterior landscape.

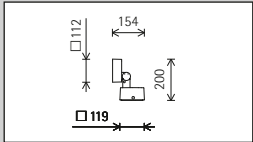
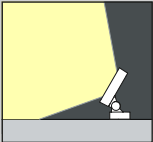


Lens wallwashers
Asymmetrical light distribution for highly uniform wallwashing.

LED module
6W - 96W
630lm - 13200lm
Light distribution: Wallwash

LED RGBW module
30W
1900lm
Light distribution: Wallwash

Lightscan Projectors, floodlights, wallwasher



Construction size 112mm

LED performance class

6W/825lm	2W/275lm **
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Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Light distribution

Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

Control

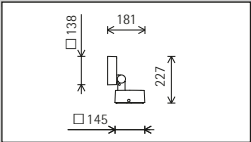
	Switchable
	Phase dimmable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *

Accessories

	Distribution box		Mounting plate		Adapter piece
	Ground spike		Cantilever arm		Spacer
	Anchorage unit		Attachment		
	Concrete anchor		Clamping plate		



138mm

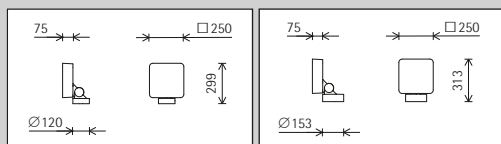
12W/1650lm	8W/1100lm **
19W/2700lm	
24W/3300lm	

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

	Switchable
	Phase dimmable
	DALI

	Graphit m
	10,000 colours *



250mm

48W/6600lm	18W/2475lm **	30W/1900lm
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	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

	Switchable
	DALI

	Graphit m
	10,000 colours *

	RGBW
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Projectors	Floodlights
Spot	Wide flood
Flood	Extra wide flood
	Oval flood
	Lens wallwashers
	Wallwash

	DALI
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	Graphit m
	10,000 colours *

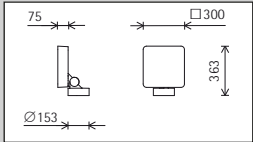
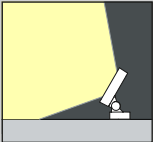
* available on request
 ** Performance data for narrow spot light distribution

Article numbers and planning data:
www.erco.com/014700

Design and application:
www.erco.com/lightscan



Lightscan Projectors, floodlights, wallwasher



Construction size 300mm

LED performance class

72W/9900lm	32W/4400lm **
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Light colour

2700K CRI 92 *	3500K CRI 92 *
3000K CRI 92	4000K CRI 82
3000K CRI 95 *	4000K CRI 92 *

Light distribution

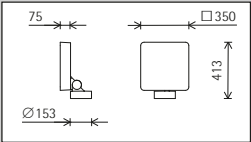
Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

Control

Switchable
DALI

Colour (housing)

Graphit m
10,000 colours *



350mm

96W/13200lm	42W/5775lm **
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2700K CRI 92 *	3500K CRI 92 *
3000K CRI 92	4000K CRI 82
3000K CRI 95 *	4000K CRI 92 *

Projectors	Floodlights
Narrow spot	Wide flood
Spot	Extra wide flood
Flood	Oval flood
	Lens wallwashers
	Wallwash

Switchable
DALI

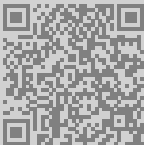
Graphit m
10,000 colours *

Accessories

Distribution box	Mounting plate	Adapter piece
Ground spike	Cantilever arm	Spacer
Anchorage unit	Attachment	
Concrete anchor	Clamping plate	

* available on request
** Performance data for narrow spot light distribution

Article numbers and planning data:
www.erco.com/014700
Design and application:
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Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website. The direct links for quick access always take the same form:

www.erco.com/<article number>

Detailed information on the features is provided in the Program from page 940

1 ERCO Spherolit lens

- Light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood or wallwash
- Oval flood 360° rotation

2 ERCO LED-module

- High-power LEDs: warm white (3000K), neutral white (4000K) or RGBW
- Collimating lens made of optical polymer
- RGBW with highly reflective colour mixer

3 Housing

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt
- Cover frame: powder-coated black
- Safety glass

4 Control gear

- Switchable, phase dimmable or DALI dimmable
- Phase dimmable version: Dimming with external dimmers possible (trailing edge) and potentiometer for brightness control 1%-100% on the luminaire

5 Mounting plate and hinge

- Corrosion-resistant cast aluminium, No-Rinse surface treatment or polymer
- Graphite m, double powder-coated or coated
- 90° tilt, 300° or 360° rotation
- Internal wiring

Protection mode IP65

Dust-tight and water jet-proof

Variants on request

- High-power LEDs: 3000K CRI 95 or 2700K, 3500K, 4000K with CRI 92
 - Housing: 10,000 further colours
- Please contact your ERCO consultant.

Special characteristics



Large lumen packages for very high illuminances



Oval flood, freely rotatable



Coloured light



Various construction sizes



ERCO high-power LEDs



Efficient Spherolit technology



Different light distributions



Different light colours



Excellent thermal management



EMC-optimised



Degree scale for good adjustability



Pivotable through 90° Lockable



Protection mode IP65



Accessory for mounting variants



Switchable

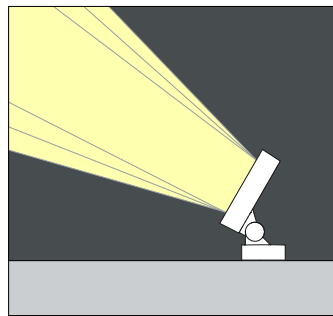


Phase dimmable

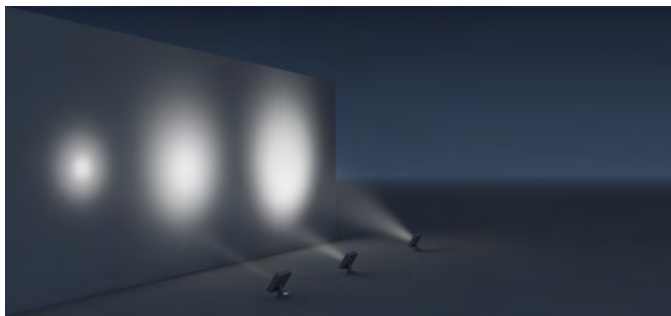


DALI dimmable

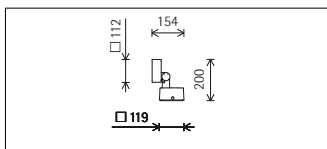
Lightscan Projector



LED module:
2W - 6W
210lm - 825lm



Weight 1.9kg
LMF E

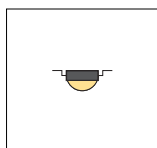


☰ – switchable

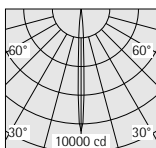
Dim – phase dimmable

Dimming with external dimmers possible (trailing edge).

DALI – dimmable



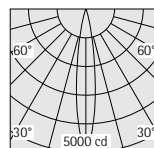
LED warm white
3000K CRI 92
Version 4



h(m)	E(lx)	D(m)	Luminaire	
2	2127	0.17	Φ	164lm
4	532	0.35	Connected load	
6	236	0.52	☰	4.3W
8	133	0.70	Dim	4.3W
10	85	0.87	DALI	4.3W

Spherolit lens, narrow spot
2W 210lm

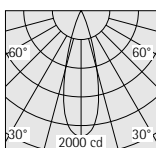
Graphit m
35538.000 ☰
35606.000 Dim
35552.000 DALI



h(m)	E(lx)	D(m)	Luminaire	
2	1191	0.53	Φ	492lm
4	298	1.05	Connected load	
6	132	1.58	☰	8.0W
8	74	2.11	Dim	9.1W
10	48	2.63	DALI	8.6W

Spherolit lens, spot
6W 630lm

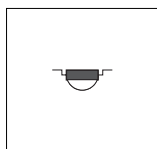
Graphit m
35540.000 ☰
35608.000 Dim
35554.000 DALI



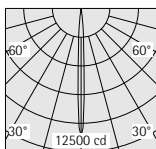
h(m)	E(lx)	D(m)	Luminaire	
2	438	1.07	Φ	488lm
4	109	2.14	Connected load	
6	49	3.22	☰	8.0W
8	27	4.29	Dim	9.1W
10	18	5.36	DALI	8.6W

Spherolit lens, flood
6W 630lm

Graphit m
35542.000 ☰
35610.000 Dim
35556.000 DALI



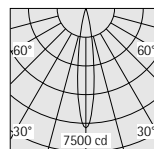
LED neutral white
4000K CRI 82
Version 4



h(m)	E(lx)	D(m)	Luminaire	
2	2786	0.17	Φ	214lm
4	696	0.35	Connected load	
6	310	0.52	☰	4.3W
8	174	0.70	Dim	4.3W
10	111	0.87	DALI	4.3W

Spherolit lens, narrow spot
2W 275lm

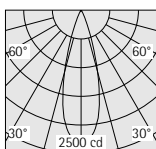
Graphit m
35539.000 ☰
35607.000 Dim
35553.000 DALI



h(m)	E(lx)	D(m)	Luminaire	
2	1560	0.53	Φ	644lm
4	390	1.05	Connected load	
6	173	1.58	☰	8.0W
8	97	2.11	Dim	9.1W
10	62	2.63	DALI	8.6W

Spherolit lens, spot
6W 825lm

Graphit m
35541.000 ☰
35609.000 Dim
35555.000 DALI



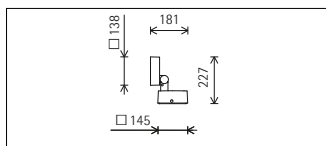
h(m)	E(lx)	D(m)	Luminaire	
2	573	1.07	Φ	639lm
4	143	2.14	Connected load	
6	64	3.22	☰	8.0W
8	36	4.29	Dim	9.1W
10	23	5.36	DALI	8.6W

Spherolit lens, flood
6W 825lm

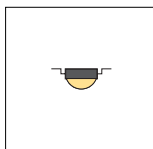
Graphit m
35543.000 ☰
35611.000 Dim
35557.000 DALI

Lightscan Projector

LED module:
8W - 24W
840lm - 3300lm



Weight 2.55kg
LMF E



LED warm white
3000K CRI 92
Version 4

h(m)	E(lx)	D(m)	Luminaire
2	8882	0.17	5°
4	2220	0.35	Φ
6	987	0.52	655lm
8	555	0.70	Connected load
10	355	0.87	☽ 10.0W
			Dim 11.0W
			DALI 10.0W

Spherolit lens, narrow spot
8W 840lm

Graphit m

35460.000 ☽

35580.000 Dim

35486.000 DALI

h(m)	E(lx)	D(m)	Luminaire
2	2603	0.53	15°
4	651	1.05	Φ
6	289	1.58	996lm
8	163	2.11	Connected load
10	104	2.63	☽ 14.0W
			Dim 15.0W
			DALI 15.0W

Spherolit lens, spot
12W 1260lm

Graphit m

35462.000 ☽

35582.000 Dim

35488.000 DALI

h(m)	E(lx)	D(m)	Luminaire
2	3875	0.53	15°
4	969	1.05	Φ
6	431	1.58	1630lm
8	242	2.11	Connected load
10	155	2.63	☽ 22.0W
			Dim 23.0W
			DALI 23.0W

Spherolit lens, spot
19W 2040lm

Graphit m

35704.000 Dim

35680.000 DALI

h(m)	E(lx)	D(m)	Luminaire
2	961	1.03	29°
4	240	2.07	Φ
6	107	3.10	1000lm
8	60	4.14	Connected load
10	38	5.17	☽ 14.0W
			Dim 15.0W
			DALI 15.0W

Spherolit lens, flood
12W 1260lm

Graphit m

35464.000 ☽

35584.000 Dim

35490.000 DALI

h(m)	E(lx)	D(m)	Luminaire
2	1493	1.03	29°
4	373	2.07	Φ
6	166	3.10	1618lm
8	93	4.14	Connected load
10	60	5.17	☽ 22.0W
			Dim 23.0W
			DALI 23.0W

Spherolit lens, flood
19W 2040lm

Graphit m

35706.000 Dim

35682.000 DALI

h(m)	E(lx)	D(m)	Luminaire
2	3820	0.53	15°
4	955	1.05	Φ
6	424	1.58	1461lm
8	239	2.11	Connected load
10	153	2.63	☽ 21.0W
			Dim 21.0W
			DALI 21.0W

Spherolit lens, spot
19W 1860lm

Graphit m

35668.000 ☽

h(m)	E(lx)	D(m)	Luminaire
2	4508	0.56	16°
4	1127	1.12	Φ
6	501	1.69	1969lm
8	282	2.25	Connected load
10	180	2.81	☽ 27.0W
			Dim 29.0W
			DALI 29.0W

Spherolit lens, spot
24W 2520lm

Graphit m

35474.000 ☽

35594.000 Dim

35500.000 DALI

h(m)	E(lx)	D(m)	Luminaire
2	1358	1.03	29°
4	339	2.07	Φ
6	151	3.10	1441lm
8	85	4.14	Connected load
10	54	5.17	☽ 21.0W
			Dim 21.0W
			DALI 21.0W

Spherolit lens, flood
19W 1860lm

Graphit m

35670.000 ☽

h(m)	E(lx)	D(m)	Luminaire
2	1775	1.03	29°
4	444	2.07	Φ
6	197	3.10	1941lm
8	111	4.14	Connected load
10	71	5.17	☽ 27.0W
			Dim 29.0W
			DALI 29.0W

Spherolit lens, flood
24W 2520lm

Graphit m

35476.000 ☽

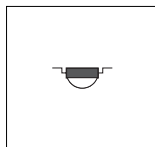
35596.000 Dim

35502.000 DALI

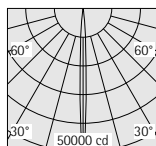


More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan

Lightscan Projector



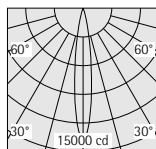
LED neutral white
4000K CRI 82
Version 4



h(m)	E(lx)	D(m)	Luminaire
2	11631	0.17	Φ 858lm
4	2908	0.35	
6	1292	0.52	
8	727	0.70	
10	465	0.87	

Spherolit lens, narrow spot
8W 1100lm

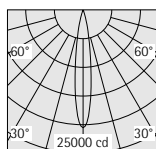
Graphit m
35461.000 ☰
35581.000 Dim
35487.000 DALI



h(m)	E(lx)	D(m)	Luminaire
2	3409	0.53	Φ 1304lm
4	852	1.05	
6	379	1.58	
8	213	2.11	
10	136	2.63	

Spherolit lens, spot
12W 1650lm

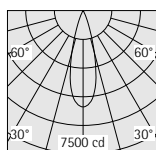
Graphit m
35463.000 ☰
35583.000 Dim
35489.000 DALI



h(m)	E(lx)	D(m)	Luminaire
2	5128	0.53	Φ 2157lm
4	1282	1.05	
6	570	1.58	
8	321	2.11	
10	205	2.63	

Spherolit lens, spot
19W 2700lm

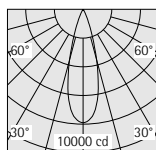
Graphit m
35705.000 Dim
35681.000 DALI



h(m)	E(lx)	D(m)	Luminaire
2	1258	1.03	Φ 1309lm
4	315	2.07	
6	140	3.10	
8	79	4.14	
10	50	5.17	

Spherolit lens, flood
12W 1650lm

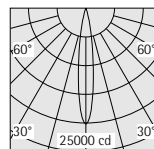
Graphit m
35465.000 ☰
35585.000 Dim
35491.000 DALI



h(m)	E(lx)	D(m)	Luminaire
2	1976	1.03	Φ 2142lm
4	494	2.07	
6	220	3.10	
8	123	4.14	
10	79	5.17	

Spherolit lens, flood
19W 2700lm

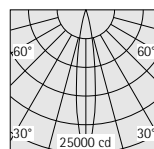
Graphit m
35707.000 Dim
35683.000 DALI



h(m)	E(lx)	D(m)	Luminaire
2	5053	0.53	Φ 1933lm
4	1263	1.05	
6	561	1.58	
8	316	2.11	
10	202	2.63	

Spherolit lens, spot
19W 2460lm

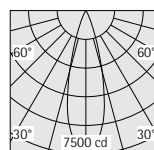
Graphit m
35669.000 ☰



h(m)	E(lx)	D(m)	Luminaire
2	5903	0.56	Φ 2578lm
4	1476	1.12	
6	656	1.69	
8	369	2.25	
10	236	2.81	

Spherolit lens, spot
24W 3300lm

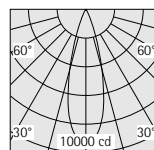
Graphit m
35475.000 ☰
35595.000 Dim
35501.000 DALI



h(m)	E(lx)	D(m)	Luminaire
2	1795	1.03	Φ 1905lm
4	449	2.07	
6	199	3.10	
8	112	4.14	
10	72	5.17	

Spherolit lens, flood
19W 2460lm

Graphit m
35671.000 ☰



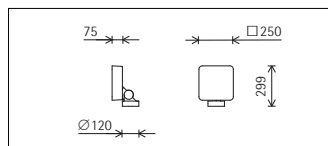
h(m)	E(lx)	D(m)	Luminaire
2	2324	1.03	Φ 2542lm
4	581	2.07	
6	258	3.10	
8	145	4.14	
10	93	5.17	

Spherolit lens, flood
24W 3300lm

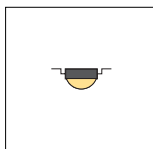
Graphit m
35477.000 ☰
35597.000 Dim
35503.000 DALI

Lightscan Projector

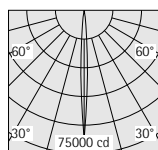
LED module:
18W - 48W
1890lm - 6600lm



Weight 5.6kg
LMF E



LED neutral white
3000K CRI 92
Version 4

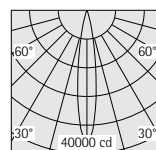


h(m)	E(lx)	D(m)
2	16849	0.21
4	4212	0.42
6	1872	0.63
8	1053	0.84
10	674	1.05

Spherolit lens, narrow spot
18W 1890lm

Graphit m
34500.000 ⚡

Luminaire
Φ 1433lm
Connected load
⚡ 20.0W

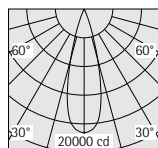


h(m)	E(lx)	D(m)
2	9134	0.56
4	2283	1.12
6	1015	1.69
8	571	2.25
10	365	2.81

Spherolit lens, spot
48W 5040lm

Graphit m
34502.000 ⚡

Luminaire
Φ 3994lm
Connected load
⚡ 55.0W

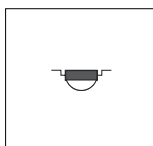


h(m)	E(lx)	D(m)
2	4309	1.00
4	1077	1.99
6	479	2.99
8	269	3.99
10	172	4.99

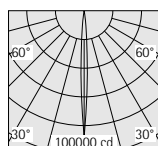
Spherolit lens, flood
48W 5040lm

Graphit m
34504.000 ⚡

Luminaire
Φ 4032lm
Connected load
⚡ 55.0W



LED neutral white
4000K CRI 82
Version 4

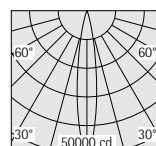


h(m)	E(lx)	D(m)
2	22064	0.21
4	5516	0.42
6	2452	0.63
8	1379	0.84
10	883	1.05

Spherolit lens, narrow spot
18W 2475lm

Graphit m
34501.000 ⚡

Luminaire
Φ 1876lm
Connected load
⚡ 20.0W

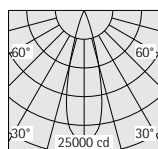


h(m)	E(lx)	D(m)
2	11961	0.56
4	2990	1.12
6	1329	1.69
8	748	2.25
10	478	2.81

Spherolit lens, spot
48W 6600lm

Graphit m
34503.000 ⚡

Luminaire
Φ 5231lm
Connected load
⚡ 55.0W



h(m)	E(lx)	D(m)
2	5643	1.00
4	1411	1.99
6	627	2.99
8	353	3.99
10	226	4.99

Spherolit lens, flood
48W 6600lm

Graphit m
34505.000 ⚡

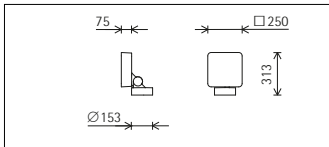
Luminaire
Φ 5280lm
Connected load
⚡ 55.0W



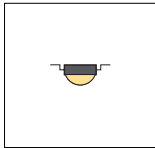
More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan

Lightscan Projector

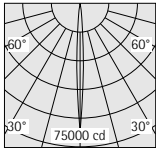
LED module:
18W - 48W
1890lm - 6600lm



Weight 6.2kg
LMF E



LED neutral white
3000K CRI 92
Version 4

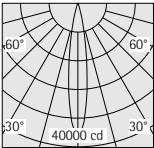


h(m)	E(lx)	D(m)
2	16849	0.21
4	4212	0.42
6	1872	0.63
8	1053	0.84
10	674	1.05

Spherolit lens, narrow spot
18W 1890lm

Graphit m
34582.000 DALI

Luminaire	Φ	1433lm
Connected load	DALI	21.0W

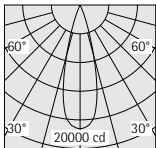


h(m)	E(lx)	D(m)
2	9134	0.56
4	2283	1.12
6	1015	1.69
8	571	2.25
10	365	2.81

Spherolit lens, spot
48W 5040lm

Graphit m
34584.000 DALI

Luminaire	Φ	3994lm
Connected load	DALI	55.0W

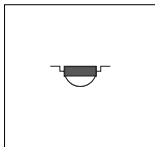


h(m)	E(lx)	D(m)
2	4309	1.00
4	1077	1.99
6	479	2.99
8	269	3.99
10	172	4.99

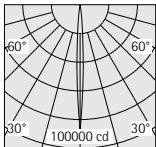
Spherolit lens, flood
48W 5040lm

Graphit m
34586.000 DALI

Luminaire	Φ	4032lm
Connected load	DALI	55.0W



LED neutral white
4000K CRI 82
Version 4

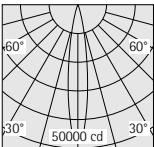


h(m)	E(lx)	D(m)
2	22064	0.21
4	5516	0.42
6	2452	0.63
8	1379	0.84
10	883	1.05

Spherolit lens, narrow spot
18W 2475lm

Graphit m
34583.000 DALI

Luminaire	Φ	1876lm
Connected load	DALI	21.0W

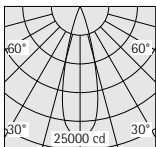


h(m)	E(lx)	D(m)
2	11961	0.56
4	2990	1.12
6	1329	1.69
8	748	2.25
10	478	2.81

Spherolit lens, spot
48W 6600lm

Graphit m
34585.000 DALI

Luminaire	Φ	5231lm
Connected load	DALI	55.0W

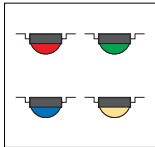


h(m)	E(lx)	D(m)
2	5643	1.00
4	1411	1.99
6	627	2.99
8	353	3.99
10	226	4.99

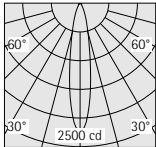
Spherolit lens, flood
48W 6600lm

Graphit m
34587.000 DALI

Luminaire	Φ	5280lm
Connected load	DALI	55.0W



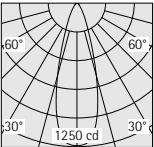
LED red, green,
blue, warm white
Version 4



Connected load
DALI 36.0W

Spherolit lens, spot
30W 1900lm

Graphit m
34536.000 DALI



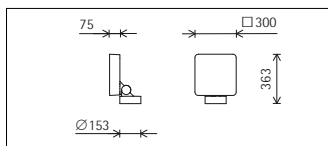
Connected load
DALI 36.0W

Spherolit lens, flood
30W 1900lm

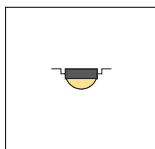
Graphit m
34537.000 DALI

Lightscan Projector

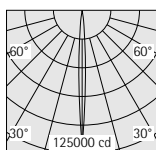
LED module:
32W - 72W
3360lm - 9900lm



Weight 7.9kg
LMF E



LED warm white
3000K CRI 92
Version 4

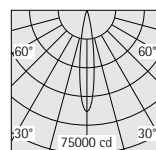


h(m)	E(lx)	D(m)
2	29990	0.17
4	7498	0.35
6	3332	0.52
8	1874	0.70
10	1200	0.87

Luminaire	2514lm
Φ	
Connected load	
⬆	33.0W
DALI	36.0W

Spherolit lens, narrow spot
32W 3360lm

Graphit m
34512.000 ⬆
34594.000 DALI

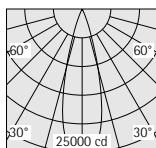


h(m)	E(lx)	D(m)
2	13249	0.56
4	3312	1.12
6	1472	1.69
8	828	2.25
10	530	2.81

Luminaire	5852lm
Φ	
Connected load	
⬆	81.0W
DALI	81.0W

Spherolit lens, spot
72W 7560lm

Graphit m
34514.000 ⬆
34596.000 DALI

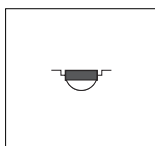


h(m)	E(lx)	D(m)
2	6224	1.00
4	1556	1.99
6	692	2.99
8	389	3.99
10	249	4.99

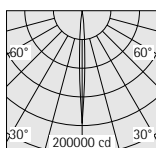
Luminaire	5881lm
Φ	
Connected load	
⬆	81.0W
DALI	81.0W

Spherolit lens, flood
72W 7560lm

Graphit m
34516.000 ⬆
34598.000 DALI



LED neutral white
4000K CRI 82
Version 4

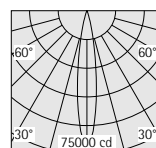


h(m)	E(lx)	D(m)
2	39273	0.17
4	9818	0.35
6	4364	0.52
8	2455	0.70
10	1571	0.87

Luminaire	3292lm
Φ	
Connected load	
⬆	33.0W
DALI	36.0W

Spherolit lens, narrow spot
32W 4400lm

Graphit m
34513.000 ⬆
34595.000 DALI

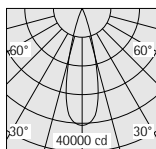


h(m)	E(lx)	D(m)
2	17350	0.56
4	4337	1.12
6	1928	1.69
8	1084	2.25
10	694	2.81

Luminaire	7663lm
Φ	
Connected load	
⬆	81.0W
DALI	81.0W

Spherolit lens, spot
72W 9900lm

Graphit m
34515.000 ⬆
34597.000 DALI



h(m)	E(lx)	D(m)
2	8150	1.00
4	2038	1.99
6	906	2.99
8	509	3.99
10	326	4.99

Luminaire	7702lm
Φ	
Connected load	
⬆	81.0W
DALI	81.0W

Spherolit lens, flood
72W 9900lm

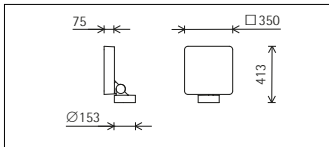
Graphit m
34517.000 ⬆
34599.000 DALI



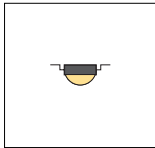
More light colours on the internet
Technical data and article numbers
for other light colours on
www.erc.com/lightscan

Lightscan Projector

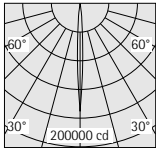
LED module:
42W - 96W
4410lm -
13200lm



Weight 9.7kg
LMF E



LED warm white
3000K CRI 92
Version 4

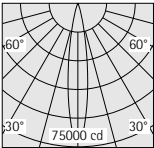


h(m)	E(lx)	D(m)
2	37664	0.21
4	9416	0.42
6	4185	0.63
8	2354	0.84
10	1507	1.05

Spherolit lens, narrow spot
42W 4410lm

Graphit m
34524.000 ⚡
34606.000 DALI

Luminaire	3288lm
Connected load	⚡ 47.0W DALI 47.0W

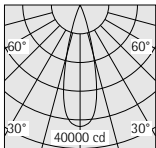


h(m)	E(lx)	D(m)
2	17827	0.56
4	4457	1.12
6	1981	1.69
8	1114	2.25
10	713	2.81

Spherolit lens, spot
96W 10080lm

Graphit m
34526.000 ⚡
34608.000 DALI

Luminaire	8042lm
Connected load	⚡ 109.0W DALI 109.0W

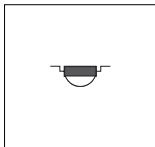


h(m)	E(lx)	D(m)
2	8469	1.00
4	2117	1.99
6	941	2.99
8	529	3.99
10	339	4.99

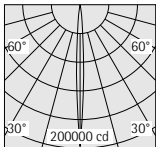
Spherolit lens, flood
96W 10080lm

Graphit m
34528.000 ⚡
34610.000 DALI

Luminaire	8040lm
Connected load	⚡ 109.0W DALI 109.0W



LED neutral white
4000K CRI 82
Version 4

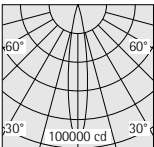


h(m)	E(lx)	D(m)
2	49322	0.21
4	12330	0.42
6	5480	0.63
8	3083	0.84
10	1973	1.05

Spherolit lens, narrow spot
42W 5775lm

Graphit m
34525.000 ⚡
34607.000 DALI

Luminaire	4306lm
Connected load	⚡ 47.0W DALI 47.0W

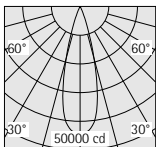


h(m)	E(lx)	D(m)
2	23344	0.56
4	5836	1.12
6	2594	1.69
8	1459	2.25
10	934	2.81

Spherolit lens, spot
96W 13200lm

Graphit m
34527.000 ⚡
34609.000 DALI

Luminaire	10531lm
Connected load	⚡ 109.0W DALI 109.0W



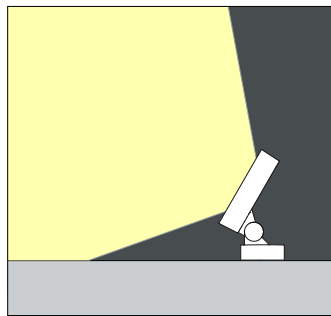
h(m)	E(lx)	D(m)
2	11090	1.00
4	2772	1.99
6	1232	2.99
8	693	3.99
10	444	4.99

Spherolit lens, flood
96W 13200lm

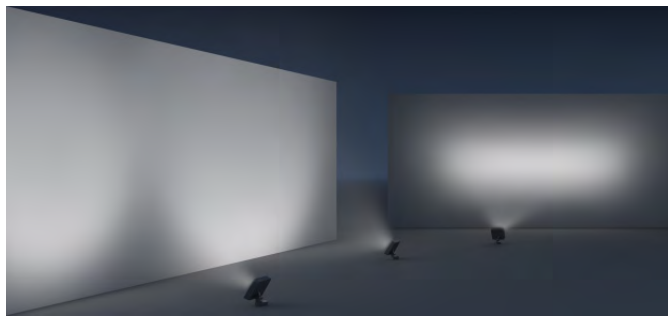
Graphit m
34529.000 ⚡
34611.000 DALI

Luminaire	10529lm
Connected load	⚡ 109.0W DALI 109.0W

Lightscan Floodlight



LED module:
6W
630lm - 825lm

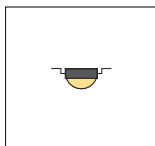
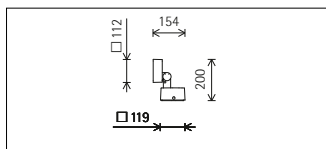


☰ – switchable

Dim – phase dimmable
Dimming with external dimmers possible (trailing edge).

DALI – dimmable

Weight 1.9kg
LMF E



LED warm white
3000K CRI 92
Version 4

	h(m)	E(lx)	D(m)	49°	Luminaire
					Φ 484lm
					Connected load
					☰ 8.0W
					Dim 9.1W
					DALI 8.6W

Spherolit lens, wide flood
6W 630lm

Graphit m

35544.000 ☰

35612.000 Dim

35558.000 DALI

	h(m)	E(lx)	D(m)	83°	Luminaire
					Φ 473lm
					Connected load
					☰ 8.0W
					Dim 9.1W
					DALI 8.6W

Spherolit lens, extra wide flood
6W 630lm

Graphit m

35546.000 ☰

35614.000 Dim

35560.000 DALI

	h(m)	E(lx)	D(m)	63°	16°	Luminaire
						Φ 486lm
						Connected load
						☰ 8.0W
						Dim 9.1W
						DALI 8.6W

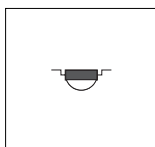
Spherolit lens, oval flood
6W 630lm

Graphit m

35548.000 ☰

35616.000 Dim

35562.000 DALI



LED neutral white
4000K CRI 82
Version 4

	h(m)	E(lx)	D(m)	49°	0.91	Luminaire
						Φ 633lm
						Connected load
						☰ 8.0W
						Dim 9.1W
						DALI 8.6W

Spherolit lens, wide flood
6W 825lm

Graphit m

35545.000 ☰

35613.000 Dim

35559.000 DALI

	h(m)	E(lx)	D(m)	83°	Luminaire
					Φ 620lm
					Connected load
					☰ 8.0W
					Dim 9.1W
					DALI 8.6W

Spherolit lens, extra wide flood
6W 825lm

Graphit m

35547.000 ☰

35615.000 Dim

35561.000 DALI

	h(m)	E(lx)	D(m)	63°	16°	Luminaire
						Φ 637lm
						Connected load
						☰ 8.0W
						Dim 9.1W
						DALI 8.6W

Spherolit lens, oval flood
6W 825lm

Graphit m

35549.000 ☰

35617.000 Dim

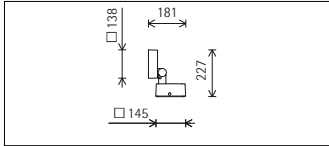
35563.000 DALI



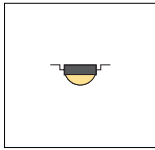
More light colours on the internet
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Lightscan Floodlight

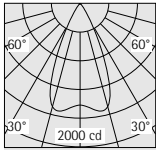
LED module:
12W - 24W
1260lm - 3300lm



Weight 2.55kg
LMF E



LED warm white
3000K CRI 92
Version 4

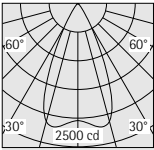


Spherolit lens, wide flood
12W 1260lm

Graphit m
35466.000 ☾
35586.000 Dim
35492.000 DALI

h(m)	E(lx)	D(m)
1	1419	0.89
2	355	1.78
3	158	2.67
4	89	3.56
5	57	4.45

Luminaire	Φ	996lm
Connected load	☾	14.0W
Dim		15.0W
DALI		15.0W

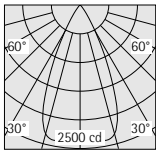


Spherolit lens, wide flood
19W 1860lm

Graphit m
35672.000 ☾

h(m)	E(lx)	D(m)
1	2044	0.89
2	511	1.78
3	227	2.67
4	128	3.56
5	82	4.45

Luminaire	Φ	1438lm
Connected load	☾	21.0W

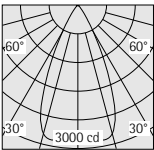


Spherolit lens, wide flood
19W 2040lm

Graphit m
35708.000 Dim
35684.000 DALI

h(m)	E(lx)	D(m)
1	2263	0.91
2	566	1.82
3	251	2.73
4	141	3.65
5	91	4.56

Luminaire	Φ	1604lm
Connected load	☾	22.0W
Dim		23.0W
DALI		23.0W



Spherolit lens, wide flood
24W 2520lm

Graphit m
35478.000 ☾
35598.000 Dim
35504.000 DALI

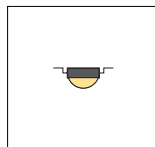
h(m)	E(lx)	D(m)
1	2700	0.91
2	675	1.82
3	300	2.73
4	169	3.65
5	108	4.56

Luminaire	Φ	1935lm
Connected load	☾	27.0W
Dim		29.0W
DALI		29.0W



Hotel Le Méridien,
Seoul. Interior
design: David
Collins Studio,
London. Lighting
design: Eon SLD,
Seoul. Photogra-
phy: Jackie Chan,
Sydney.

Lightscan Floodlight



LED warm white
3000K CRI 92
Version 4

h(m)	E(lx)	D(m)	Luminaire	
		82°	Φ	984lm
1	486	1.74		
2	121	3.48		
3	54	5.22		
4	30	6.95		
5	19	8.69		
750 cd				
Spherolit lens, extra wide flood				
12W 1260lm				
Graphit m				
35468.000 ☰				
35588.000 Dim				
35494.000 DALI				

h(m)	E(lx)	D(m)	Luminaire	
		82°	Φ	1414lm
1	699	1.74		
2	175	3.48		
3	78	5.22		
4	44	6.95		
5	28	8.69		
1000 cd				
Spherolit lens, extra wide flood				
19W 1860lm				
Graphit m				
35674.000 ☰				

h(m)	E(lx)	D(m)	Luminaire	
		82°	Φ	1573lm
1	786	1.74		
2	197	3.48		
3	87	5.22		
4	49	6.95		
5	31	8.69		
1000 cd				
Spherolit lens, extra wide flood				
19W 2040lm				
Graphit m				
35710.000 Dim				
35686.000 DALI				

h(m)	E(lx)	D(m)	Luminaire	
		83°	Φ	1893lm
1	935	1.77		
2	234	3.54		
3	104	5.31		
4	58	7.08		
5	37	8.85		
1250 cd				
Spherolit lens, extra wide flood				
24W 2520lm				
Graphit m				
35480.000 ☰				
35600.000 Dim				
35506.000 DALI				

h(m)	E(lx)	D(m)	Luminaire	
		61° 15°	Φ	996lm
1	2818	1.18 0.26		
2	705	2.36 0.53		
3	313	3.53 0.79		
4	176	4.71 1.05		
5	113	5.89 1.32		
3000 cd				
Spherolit lens, oval flood				
12W 1260lm				
Graphit m				
35470.000 ☰				
35590.000 Dim				
35496.000 DALI				

h(m)	E(lx)	D(m)	Luminaire	
		61° 16°	Φ	1448lm
1	4091	1.18 0.28		
2	1023	2.36 0.56		
3	455	3.53 0.84		
4	256	4.71 1.12		
5	164	5.89 1.41		
5000 cd				
Spherolit lens, oval flood				
19W 1860lm				
Graphit m				
35676.000 ☰				

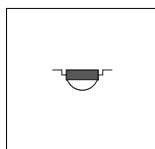
h(m)	E(lx)	D(m)	Luminaire	
		61° 16°	Φ	1608lm
1	4250	1.18 0.28		
2	1062	2.36 0.56		
3	472	3.53 0.84		
4	266	4.71 1.12		
5	170	5.89 1.41		
5000 cd				
Spherolit lens, oval flood				
19W 2040lm				
Graphit m				
35712.000 Dim				
35688.000 DALI				

h(m)	E(lx)	D(m)	Luminaire	
		61° 17°	Φ	1941lm
1	5011	1.18 0.30		
2	1253	2.36 0.60		
3	557	3.53 0.90		
4	313	4.71 1.20		
5	200	5.89 1.49		
7500 cd				
Spherolit lens, oval flood				
24W 2520lm				
Graphit m				
35482.000 ☰				
35602.000 Dim				
35508.000 DALI				



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Lightscan Floodlight



LED neutral white
4000K CRI 82
Version 4

h(m)	E(lx)	D(m)	Luminaire
		48°	Φ 1304lm
1	1858	0.89	
2	464	1.78	
3	206	2.67	
4	116	3.56	
5	74	4.45	
Connected load			
		Φ	14.0W
		Dim	15.0W
		DALI	15.0W

Spherolit lens, wide flood
12W 1650lm

Graphit m
35467.000
35587.000 Dim
35493.000 DALI

h(m)	E(lx)	D(m)	Luminaire
		48°	Φ 1902lm
1	2703	0.89	
2	676	1.78	
3	300	2.67	
4	169	3.56	
5	108	4.45	
Connected load			
		Φ	21.0W

Spherolit lens, wide flood
19W 2460lm

Graphit m
35673.000

h(m)	E(lx)	D(m)	Luminaire
		49°	Φ 2122lm
1	2995	0.91	
2	749	1.82	
3	333	2.73	
4	187	3.65	
5	120	4.56	
Connected load			
		Φ	22.0W
		DALI	23.0W

Spherolit lens, wide flood
19W 2700lm

Graphit m
35709.000 Dim
35685.000 DALI

h(m)	E(lx)	D(m)	Luminaire
		49°	Φ 2534lm
1	3536	0.91	
2	884	1.82	
3	393	2.73	
4	221	3.65	
5	141	4.56	
Connected load			
		Φ	27.0W
		Dim	29.0W
		DALI	29.0W

Spherolit lens, wide flood
24W 3300lm

Graphit m
35479.000
35599.000 Dim
35505.000 DALI

h(m)	E(lx)	D(m)	Luminaire
		82°	Φ 1289lm
1	636	1.74	
2	159	3.48	
3	71	5.22	
4	40	6.95	
5	25	8.69	
Connected load			
		Φ	14.0W
		Dim	15.0W
		DALI	15.0W

Spherolit lens, extra wide flood
12W 1650lm

Graphit m
35469.000
35589.000 Dim
35495.000 DALI

h(m)	E(lx)	D(m)	Luminaire
		82°	Φ 1870lm
1	924	1.74	
2	231	3.48	
3	103	5.22	
4	58	6.95	
5	37	8.69	
Connected load			
		Φ	21.0W

Spherolit lens, extra wide flood
19W 2460lm

Graphit m
35675.000

h(m)	E(lx)	D(m)	Luminaire
		82°	Φ 2081lm
1	1040	1.74	
2	260	3.48	
3	116	5.22	
4	65	6.95	
5	42	8.69	
Connected load			
		Φ	22.0W
		DALI	23.0W

Spherolit lens, extra wide flood
19W 2700lm

Graphit m
35711.000 Dim
35687.000 DALI

h(m)	E(lx)	D(m)	Luminaire
		83°	Φ 2479lm
1	1224	1.77	
2	306	3.54	
3	136	5.31	
4	77	7.08	
5	49	8.85	
Connected load			
		Φ	27.0W
		Dim	29.0W
		DALI	29.0W

Spherolit lens, extra wide flood
24W 3300lm

Graphit m
35481.000
35601.000 Dim
35507.000 DALI

h(m)	E(lx)	D(m)	Luminaire
		61° 15°	Φ 1304lm
1	3690	1.18 0.26	
2	923	2.36 0.53	
3	410	3.53 0.79	
4	231	4.71 1.05	
5	148	5.89 1.32	
Connected load			
		Φ	14.0W
		Dim	15.0W
		DALI	15.0W

Spherolit lens, oval flood
12W 1650lm

Graphit m
35471.000
35591.000 Dim
35497.000 DALI

h(m)	E(lx)	D(m)	Luminaire
		61° 16°	Φ 1915lm
1	5411	1.18 0.28	
2	1353	2.36 0.56	
3	601	3.53 0.84	
4	338	4.71 1.12	
5	216	5.89 1.41	
Connected load			
		Φ	21.0W

Spherolit lens, oval flood
19W 2460lm

Graphit m
35677.000

h(m)	E(lx)	D(m)	Luminaire
		61° 16°	Φ 2128lm
1	5625	1.18 0.28	
2	1406	2.36 0.56	
3	625	3.53 0.84	
4	352	4.71 1.12	
5	225	5.89 1.41	
Connected load			
		Φ	22.0W
		DALI	23.0W

Spherolit lens, oval flood
19W 2700lm

Graphit m
35713.000 Dim
35689.000 DALI

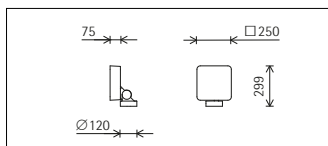
h(m)	E(lx)	D(m)	Luminaire
		61° 17°	Φ 2541lm
1	6562	1.18 0.30	
2	1641	2.36 0.60	
3	729	3.53 0.90	
4	410	4.71 1.20	
5	262	5.89 1.49	
Connected load			
		Φ	27.0W
		Dim	29.0W
		DALI	29.0W

Spherolit lens, oval flood
24W 3300lm

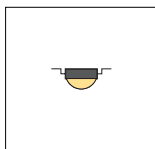
Graphit m
35483.000
35603.000 Dim
35509.000 DALI

Lightscan Floodlight

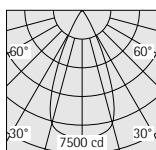
LED module:
48W
5040lm - 6600lm



Weight 5.6kg
LMF E



LED warm white
3000K CRI 92
Version 4

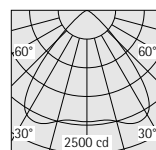


h(m)	E(lx)	D(m)
2	1702	1.70
4	425	3.40
6	189	5.09
8	106	6.79
10	68	8.49

Luminaire
Ø 4067lm
Connected load
⚡ 55.0W

Spherolit lens, wide flood
48W 5040lm

Graphit m
34506.000 ⚡

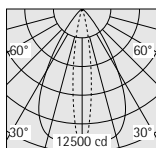


h(m)	E(lx)	D(m)
1	1942	1.80
2	485	3.60
3	216	5.40
4	121	7.20
5	78	9.00

Luminaire
Ø 3710lm
Connected load
⚡ 55.0W

Spherolit lens, extra wide flood
48W 5040lm

Graphit m
35240.000 ⚡

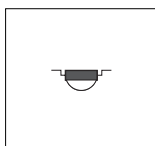


h(m)	E(lx)	D(m)
1	11710	1.18
2	2927	2.36
3	1301	3.53
4	732	4.71
5	468	5.89

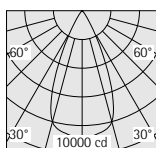
Luminaire
Ø 4088lm
Connected load
⚡ 55.0W

Spherolit lens, oval flood
48W 5040lm

Graphit m
34508.000 ⚡



LED neutral white
4000K CRI 82
Version 4

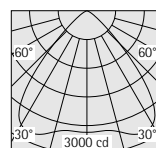


h(m)	E(lx)	D(m)
2	2228	1.70
4	557	3.40
6	248	5.09
8	139	6.79
10	89	8.49

Luminaire
Ø 5325lm
Connected load
⚡ 55.0W

Spherolit lens, wide flood
48W 6600lm

Graphit m
34507.000 ⚡

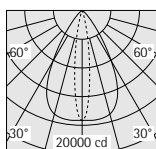


h(m)	E(lx)	D(m)
1	2543	1.80
2	636	3.60
3	283	5.40
4	159	7.20
5	102	9.00

Luminaire
Ø 4858lm
Connected load
⚡ 55.0W

Spherolit lens, extra wide flood
48W 6600lm

Graphit m
35241.000 ⚡



h(m)	E(lx)	D(m)
1	15334	1.18
2	3833	2.36
3	1704	3.53
4	958	4.71
5	613	5.89

Luminaire
Ø 5353lm
Connected load
⚡ 55.0W

Spherolit lens, oval flood
48W 6600lm

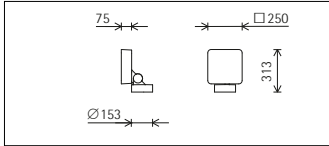
Graphit m
34509.000 ⚡



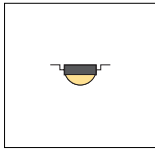
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for other light colours on
www.erco.com/lightscan

Lightscan Floodlight

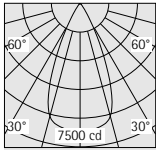
LED module:
30W - 48W
1900lm - 6600lm



Weight 6.2kg
LMF E



LED warm white
3000K CRI 92
Version 4



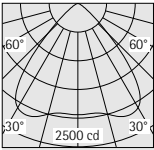
h(m)	E(lx)	D(m)
2	1702	1.70
4	425	3.40
6	189	5.09
8	106	6.79
10	68	8.49

Spherolit lens, wide flood

48W 5040lm

Graphit m
34588.000 DALI

Luminaire
Φ 4067lm
Connected load
DALI 55.0W



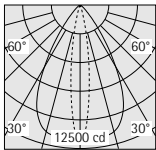
h(m)	E(lx)	D(m)
1	1942	1.80
2	485	3.60
3	216	5.40
4	121	7.20
5	78	9.00

Spherolit lens, extra wide flood

48W 5040lm

Graphit m
35247.000 DALI

Luminaire
Φ 3710lm
Connected load
DALI 55.0W



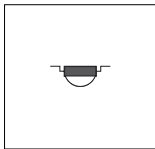
h(m)	E(lx)	D(m)
1	11710	1.18
2	2927	2.36
3	1301	3.53
4	732	4.71
5	468	5.89

Spherolit lens, oval flood

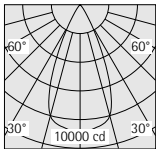
48W 5040lm

Graphit m
34590.000 DALI

Luminaire
Φ 4088lm
Connected load
DALI 55.0W



LED neutral white
4000K CRI 82
Version 4



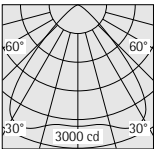
h(m)	E(lx)	D(m)
2	2228	1.70
4	557	3.40
6	248	5.09
8	139	6.79
10	89	8.49

Spherolit lens, wide flood

48W 6600lm

Graphit m
34589.000 DALI

Luminaire
Φ 5325lm
Connected load
DALI 55.0W



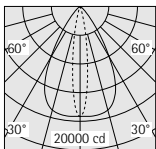
h(m)	E(lx)	D(m)
1	2543	1.80
2	636	3.60
3	283	5.40
4	159	7.20
5	102	9.00

Spherolit lens, extra wide flood

48W 6600lm

Graphit m
35248.000 DALI

Luminaire
Φ 4858lm
Connected load
DALI 55.0W



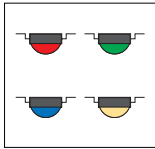
h(m)	E(lx)	D(m)
1	15334	1.18
2	3833	2.36
3	1704	3.53
4	958	4.71
5	613	5.89

Spherolit lens, oval flood

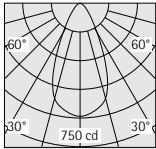
48W 6600lm

Graphit m
34591.000 DALI

Luminaire
Φ 5353lm
Connected load
DALI 55.0W



LED red, green,
blue, warm white
Version 4

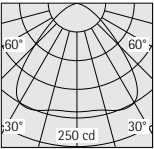


Connected load
DALI 36.0W

Spherolit lens, wide flood

30W 1900lm

Graphit m
34538.000 DALI

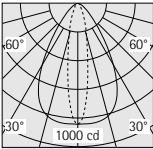


Luminaire
Φ 434lm
Connected load
DALI 36.0W

Spherolit lens, extra wide flood

30W 1900lm

Graphit m
35246.000 DALI



Connected load
DALI 36.0W

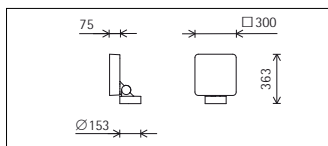
Spherolit lens, oval flood

30W 1900lm

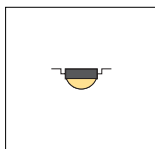
Graphit m
34539.000 DALI

Lightscan Floodlight

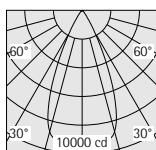
LED module:
72W
7560lm - 9900lm



Weight 7.9kg
LMF E



LED warm white
3000K CRI 92
Version 4

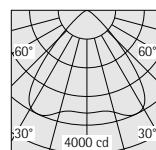


h(m)	E(lx)	D(m)
2	2445	1.70
4	611	3.40
6	272	5.09
8	153	6.79
10	98	8.49

Luminaire
Ø 5862lm
Connected load
⏻ 81.0W
DALI 81.0W

Spherolit lens, wide flood
72W 7560lm

Graphit m
34518.000 ⏻
34600.000 DALI

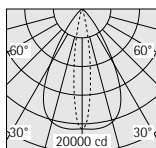


h(m)	E(lx)	D(m)
1	2865	1.80
2	716	3.60
3	318	5.40
4	179	7.20
5	115	9.00

Luminaire
Ø 5579lm
Connected load
⏻ 81.0W
DALI 81.0W

Spherolit lens, extra wide flood
72W 7560lm

Graphit m
35242.000 ⏻
35249.000 DALI

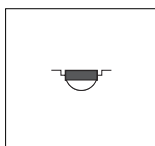


h(m)	E(lx)	D(m)
1	16708	1.18
2	4177	2.36
3	1856	3.53
4	1044	4.71
5	668	5.89

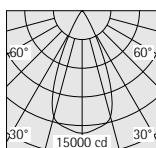
Luminaire
Ø 5902lm
Connected load
⏻ 81.0W
DALI 81.0W

Spherolit lens, oval flood
72W 7560lm

Graphit m
34520.000 ⏻
34602.000 DALI



LED neutral white
4000K CRI 82
Version 4

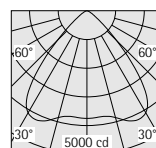


h(m)	E(lx)	D(m)
2	3202	1.70
4	801	3.40
6	356	5.09
8	200	6.79
10	128	8.49

Luminaire
Ø 7677lm
Connected load
⏻ 81.0W
DALI 81.0W

Spherolit lens, wide flood
72W 9900lm

Graphit m
34519.000 ⏻
34601.000 DALI

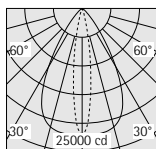


h(m)	E(lx)	D(m)
1	3752	1.80
2	938	3.60
3	417	5.40
4	235	7.20
5	150	9.00

Luminaire
Ø 7306lm
Connected load
⏻ 81.0W
DALI 81.0W

Spherolit lens, extra wide flood
72W 9900lm

Graphit m
35243.000 ⏻
35250.000 DALI



h(m)	E(lx)	D(m)
1	21879	1.18
2	5470	2.36
3	2431	3.53
4	1367	4.71
5	875	5.89

Luminaire
Ø 7729lm
Connected load
⏻ 81.0W
DALI 81.0W

Spherolit lens, oval flood
72W 9900lm

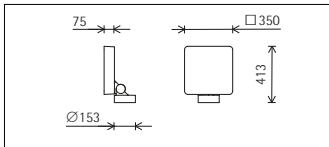
Graphit m
34521.000 ⏻
34603.000 DALI



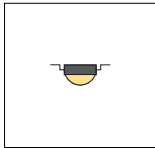
More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan

Lightscan Floodlight

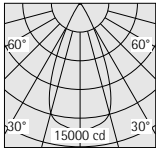
LED module:
96W
10080lm -
13200lm



Weight 9.7kg
LMF E



LED warm white
3000K CRI 92
Version 4

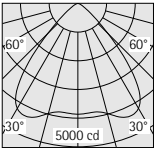


Spherolit lens, wide flood
96W 10080lm

Graphit m
34530.000 ☹
34612.000 DALI

h(m)	E(lx)	D(m)
2	3329	1.70
4	832	3.40
6	370	5.09
8	208	6.79
10	133	8.49

Luminaire
Φ 8018lm
Connected load
☹ 109.0W
DALI 109.0W

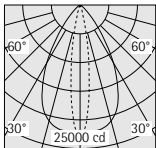


Spherolit lens, extra wide flood
96W 10080lm

Graphit m
35244.000 ☹
35251.000 DALI

h(m)	E(lx)	D(m)
1	3865	1.80
2	966	3.60
3	429	5.40
4	242	7.20
5	155	9.00

Luminaire
Φ 7509lm
Connected load
☹ 109.0W
DALI 109.0W

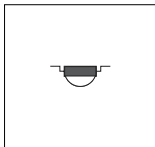


Spherolit lens, oval flood
96W 10080lm

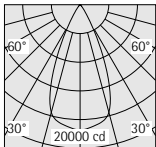
Graphit m
34532.000 ☹
34614.000 DALI

h(m)	E(lx)	D(m)
1	23036	1.15
2	5759	2.31
3	2560	3.46
4	1440	4.62
5	921	5.77

Luminaire
Φ 8068lm
Connected load
☹ 109.0W
DALI 109.0W



LED neutral white
4000K CRI 82
Version 4

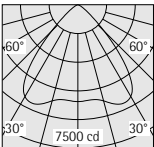


Spherolit lens, wide flood
96W 13200lm

Graphit m
34531.000 ☹
34613.000 DALI

h(m)	E(lx)	D(m)
2	4359	1.70
4	1090	3.40
6	484	5.09
8	272	6.79
10	174	8.49

Luminaire
Φ 10499lm
Connected load
☹ 109.0W
DALI 109.0W

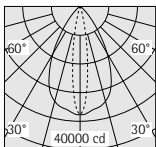


Spherolit lens, extra wide flood
96W 13200lm

Graphit m
35245.000 ☹
35252.000 DALI

h(m)	E(lx)	D(m)
1	5062	1.80
2	1265	3.60
3	562	5.40
4	316	7.20
5	202	9.00

Luminaire
Φ 9834lm
Connected load
☹ 109.0W
DALI 109.0W



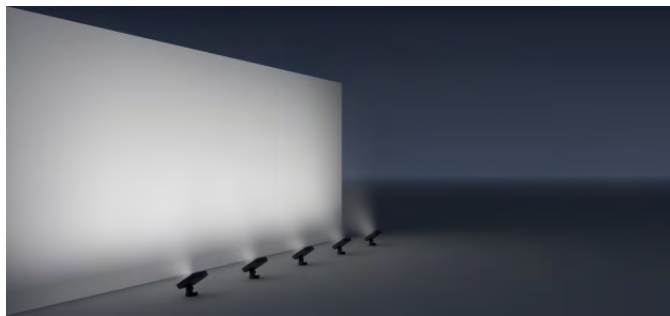
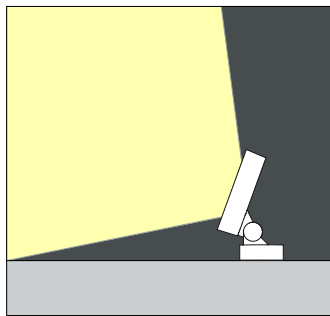
Spherolit lens, oval flood
96W 13200lm

Graphit m
34533.000 ☹
34615.000 DALI

h(m)	E(lx)	D(m)
1	30166	1.15
2	7542	2.31
3	3352	3.46
4	1885	4.62
5	1207	5.77

Luminaire
Φ 10565lm
Connected load
☹ 109.0W
DALI 109.0W

Lightscan Lens wallwasher

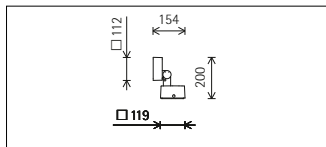


☐ – switchable

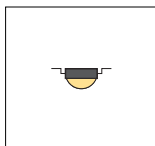
Dim – phase dimmable
Dimming with external dimmers possible (trailing edge).

DALI – dimmable

LED module:
6W
630lm – 825lm



Weight 1.9kg
LMF E



LED warm white
3000K CRI 92
Version 4

Mean illuminance E_n (wall)

Angle of tilt 35°			
Wall height (m)	3.0		
Offset from wall (m)	1.00	1.25	1.25
Luminaire spacing (m)	1.25	1.50	1.75
Illuminance E_n (lx)	103	72	62

Luminaire
Φ 472lm

Connected load
☐ 8.0W
Dim 9.1W
DALI 8.6W

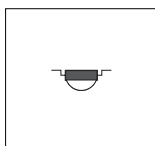
Spherolit lens, wallwash 6W 630lm

Graphit m

35550.000 ☐

35618.000 Dim

35564.000 DALI



LED neutral white
4000K CRI 82
Version 4

Mean illuminance E_n (wall)

Angle of tilt 35°			
Wall height (m)	3.0		
Offset from wall (m)	1.00	1.25	1.25
Luminaire spacing (m)	1.25	1.50	1.75
Illuminance E_n (lx)	135	94	81

Luminaire
Φ 619lm

Connected load
☐ 8.0W
Dim 9.1W
DALI 8.6W

Spherolit lens, wallwash 6W 825lm

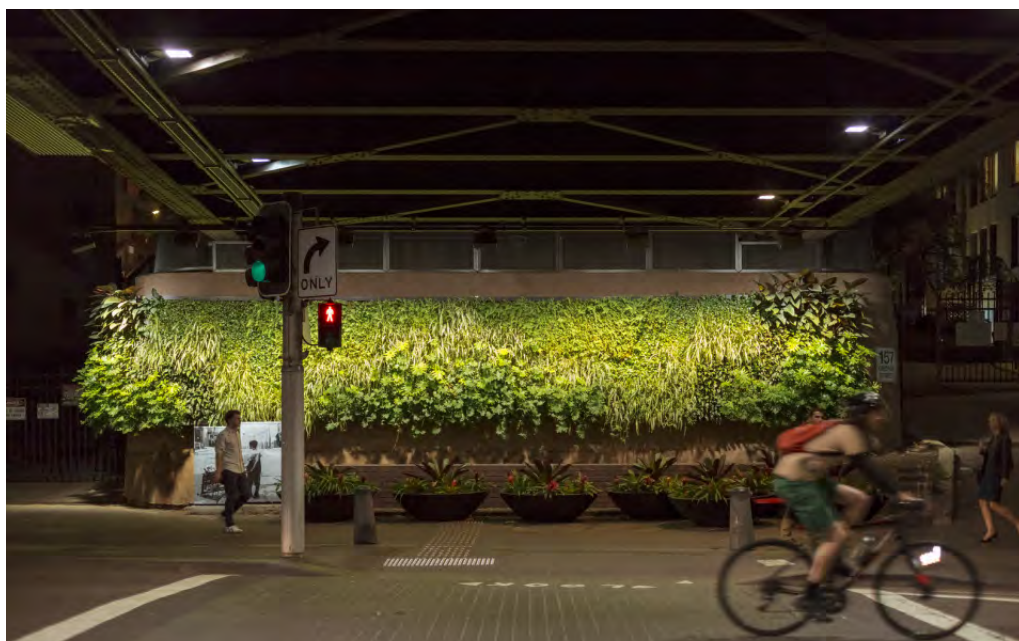
Graphit m

35551.000 ☐

35619.000 Dim

35565.000 DALI

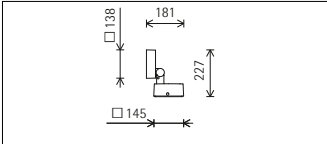
Green Wall
140 George Street,
Sydney. Lighting
design: Electro-
light, Sydney.
Photography:
Jackie Chan,
Sydney.



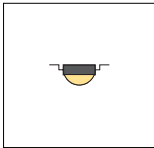
More light colours on the internet
Technical data and article numbers
for other light colours on
www.ercoprogram.com/lightscan

Lightscan Lens wallwasher

LED module:
12W - 24W
1260lm - 3300lm



Weight 2.55kg
LMF E



LED warm white
3000K CRI 92
Version 4

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	4.0		
Offset from wall (m)	1.25	1.50	1.75
Luminaire spacing (m)	1.50	2.00	2.00
Illuminance E _n (lx)	139	91	78

Luminaire	
Φ	980lm
Connected load	
⦿	14.0W
Dim	15.0W
DALI	15.0W

Spherolit lens, wallwash
12W 1260lm

Graphit m
35472.000 ⦿
35592.000 Dim
35498.000 DALI

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	5.0		
Offset from wall (m)	1.50	1.75	2.00
Luminaire spacing (m)	1.75	2.25	2.50
Illuminance E _n (lx)	146	104	85

Luminaire	
Φ	1411lm
Connected load	
⦿	21.0W

Spherolit lens, wallwash
19W 1860lm

Graphit m
35678.000 ⦿

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	5.0		
Offset from wall (m)	1.50	1.75	2.00
Luminaire spacing (m)	1.75	2.25	2.50
Illuminance E _n (lx)	160	114	93

Luminaire	
Φ	1572lm
Connected load	
Dim	22.0W
DALI	23.0W

Spherolit lens, wallwash
19W 2040lm

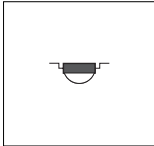
Graphit m
35714.000 Dim
35690.000 DALI

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	6.0		
Offset from wall (m)	1.75	2.00	2.25
Luminaire spacing (m)	2.00	2.50	3.00
Illuminance E _n (lx)	137	102	78

Luminaire	
Φ	1896lm
Connected load	
⦿	27.0W
Dim	29.0W
DALI	29.0W

Spherolit lens, wallwash
24W 2520lm

Graphit m
35484.000 ⦿
35604.000 Dim
35510.000 DALI



LED neutral white
4000K CRI 82
Version 4

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	4.0		
Offset from wall (m)	1.25	1.50	1.75
Luminaire spacing (m)	1.50	2.00	2.00
Illuminance E _n (lx)	182	119	102

Luminaire	
Φ	1284lm
Connected load	
⦿	14.0W
Dim	15.0W
DALI	15.0W

Spherolit lens, wallwash
12W 1650lm

Graphit m
35473.000 ⦿
35593.000 Dim
35499.000 DALI

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	5.0		
Offset from wall (m)	1.50	1.75	2.00
Luminaire spacing (m)	1.75	2.25	2.50
Illuminance E _n (lx)	193	137	112

Luminaire	
Φ	1866lm
Connected load	
⦿	21.0W

Spherolit lens, wallwash
19W 2460lm

Graphit m
35679.000 ⦿

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	5.0		
Offset from wall (m)	1.50	1.75	2.00
Luminaire spacing (m)	1.75	2.25	2.50
Illuminance E _n (lx)	212	151	123

Luminaire	
Φ	2081lm
Connected load	
Dim	22.0W
DALI	23.0W

Spherolit lens, wallwash
19W 2700lm

Graphit m
35715.000 Dim
35691.000 DALI

Mean illuminance E _n (wall)			
Angle of tilt 35°			
Wall height (m)	6.0		
Offset from wall (m)	1.75	2.00	2.25
Luminaire spacing (m)	2.00	2.50	3.00
Illuminance E _n (lx)	179	134	103

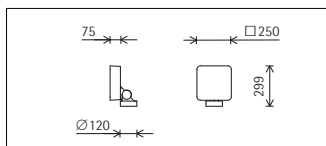
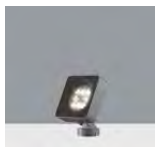
Luminaire	
Φ	2483lm
Connected load	
⦿	27.0W
Dim	29.0W
DALI	29.0W

Spherolit lens, wallwash
24W 3300lm

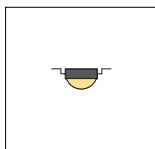
Graphit m
35485.000 ⦿
35605.000 Dim
35511.000 DALI

Lightscan Lens wallwasher

LED module:
48W
5040lm - 6600lm



Weight 5.6kg
LMF E



LED warm white
3000K CRI 92
Version 4

Mean illuminance E_n (wall)

Angle of tilt 35°					
Wall height (m)	8.0				
Offset from wall (m)	2.50	2.75	3.00	3.00	
Luminaire spacing (m)	3.00	3.25	3.50	4.00	
Illuminance E_n (lx)	140	123	108	94	

Luminaire

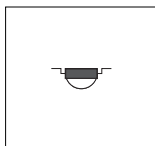
Ø 3982lm

Connected load
⚡ 55.0W

Spherolit lens, wallwash

48W 5040lm

Graphit m
34510.000 ⚡



LED neutral white
4000K CRI 82
Version 4

Mean illuminance E_n (wall)

Angle of tilt 35°					
Wall height (m)	8.0				
Offset from wall (m)	2.50	2.75	3.00	3.00	
Luminaire spacing (m)	3.00	3.25	3.50	4.00	
Illuminance E_n (lx)	183	161	141	123	

Luminaire

Ø 5214lm

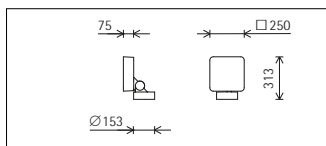
Connected load
⚡ 55.0W

Spherolit lens, wallwash

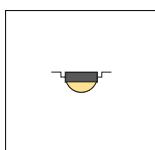
48W 6600lm

Graphit m
34511.000 ⚡

LED module:
30W - 48W
1900lm - 6600lm



Weight 6.2kg
LMF E



LED warm white
3000K CRI 92
Version 4

Mean illuminance E_n (wall)

Angle of tilt 35°					
Wall height (m)	8.0				
Offset from wall (m)	2.50	2.75	3.00	3.00	
Luminaire spacing (m)	3.00	3.25	3.50	4.00	
Illuminance E_n (lx)	140	123	108	94	

Luminaire

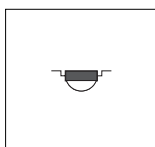
Ø 3982lm

Connected load
DALI 55.0W

Spherolit lens, wallwash

48W 5040lm

Graphit m
34592.000 DALI



LED neutral white
4000K CRI 82
Version 4

Mean illuminance E_n (wall)

Angle of tilt 35°					
Wall height (m)	8.0				
Offset from wall (m)	2.50	2.75	3.00	3.00	
Luminaire spacing (m)	3.00	3.25	3.50	4.00	
Illuminance E_n (lx)	183	161	141	123	

Luminaire

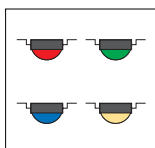
Ø 5214lm

Connected load
DALI 55.0W

Spherolit lens, wallwash

48W 6600lm

Graphit m
34593.000 DALI



LED red, green,
blue, warm white
Version 4

Connected load
DALI 36.0W

Spherolit lens, wallwash

30W 1900lm

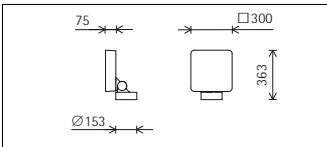
Graphit m
34540.000 DALI



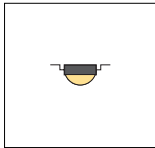
More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan

Lightscan Lens wallwasher

LED module:
72W
7560lm - 9900lm

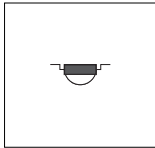


Weight 7.9kg
LMF E



LED warm white
3000K CRI 92
Version 4

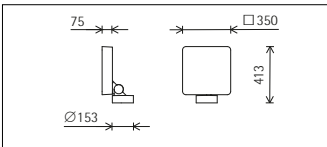
Mean illuminance E _n (wall)				Luminaire	
Angle of tilt 35°				Ø	5758lm
Wall height (m)	8.0				
Offset from wall (m)	2.50	3.00	3.00		
Luminaire spacing (m)	3.00	3.50	4.00		
Illuminance E _n (lx)	198	153	134		
				Connected load	
				⦿	81.0W
				DALI	81.0W
Spherolit lens, wallwash					
72W 7560lm					
Graphit m					
34522.000 ⦿					
34604.000 DALI					



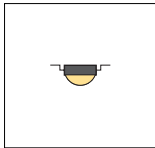
LED neutral white
4000K CRI 82
Version 4

Mean illuminance E _n (wall)				Luminaire	
Angle of tilt 35°				Ø	7541lm
Wall height (m)	8.0				
Offset from wall (m)	2.50	3.00	3.00		
Luminaire spacing (m)	3.00	3.50	4.00		
Illuminance E _n (lx)	259	200	175		
				Connected load	
				⦿	81.0W
				DALI	81.0W
Spherolit lens, wallwash					
72W 9900lm					
Graphit m					
34523.000 ⦿					
34605.000 DALI					

LED module:
96W
10080lm - 13200lm

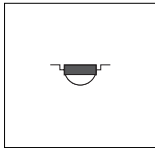


Weight 9.7kg
LMF E



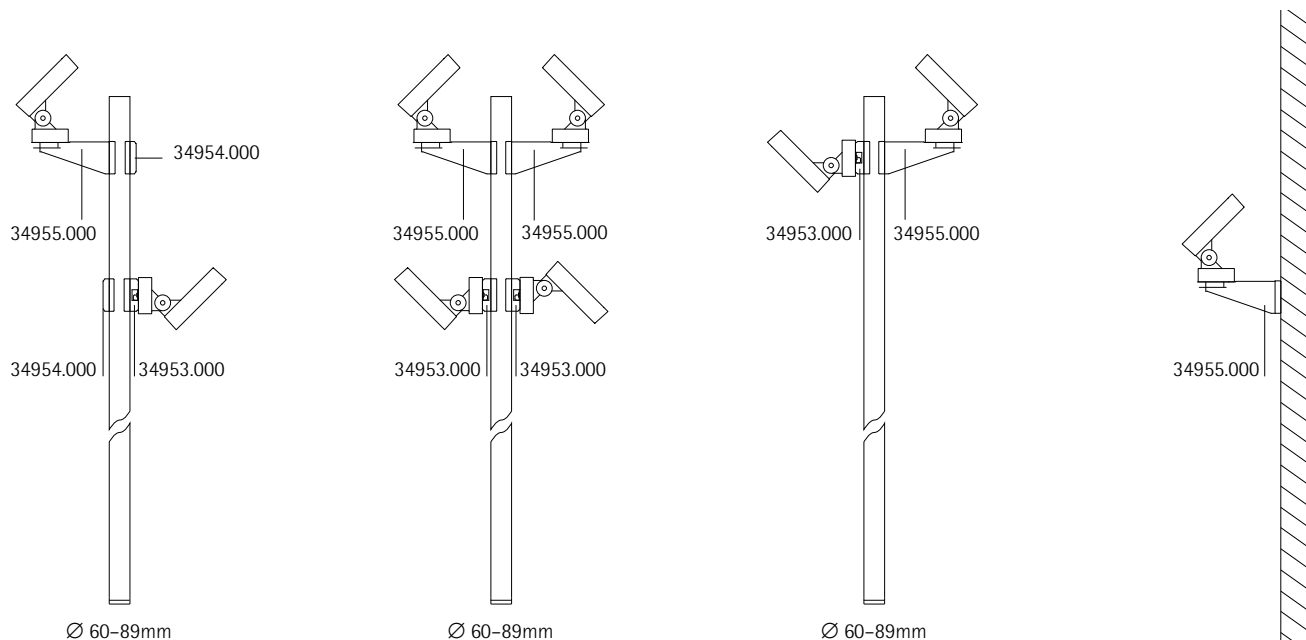
LED warm white
3000K CRI 92
Version 4

Mean illuminance E _n (wall)					Luminaire	
Angle of tilt 35°					Ø	7882lm
Wall height (m)	10.0					
Offset from wall (m)	3.00	3.00	3.50	4.00		
Luminaire spacing (m)	3.50	4.00	4.50	5.00		
Illuminance E _n (lx)	194	170	140	116		
					Connected load	
					⦿	109.0W
					DALI	109.0W
Spherolit lens, wallwash						
96W 10080lm						
Graphit m						
34534.000 ⦿						
34616.000 DALI						



LED neutral white
4000K CRI 82
Version 4

Mean illuminance E _n (wall)					Luminaire	
Angle of tilt 35°					Ø	10322lm
Wall height (m)	10.0					
Offset from wall (m)	3.00	3.00	3.50	4.00		
Luminaire spacing (m)	3.50	4.00	4.50	5.00		
Illuminance E _n (lx)	255	223	184	152		
					Connected load	
					⦿	109.0W
					DALI	109.0W
Spherolit lens, wallwash						
96W 13200lm						
Graphit m						
34535.000 ⦿						
34617.000 DALI						



Lightscan Accessories

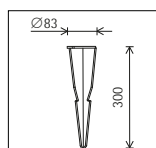
Suitable accessories for each article are indicated on the relevant product specification sheet. Product specification sheets are available at www.erco.com/<article number>



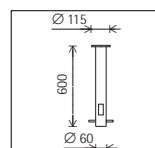
34974.000
Distribution box,
IP68
With four cable
entries, 7-25mm.
Polymer.
ø 102mm,
L 305mm.
Weight 0.47kg



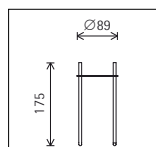
35719.000
Ground spike
Metal, hot-dip galvanised.
Weight 1.1kg



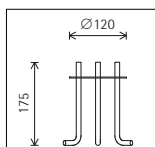
33974.000
Ground socket
Metal, hot-dip galvanised.
Weight 2.9kg



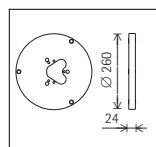
33979.000
Concrete anchor
Mounting plate with threaded bar and
fixing nuts M6. Individual parts to be
assembled on-site.
Weight 0.25kg



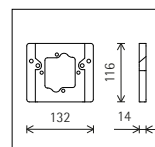
33981.000
Concrete anchor
Mounting plate with threaded bar and
fixing nuts M10. Individual parts to be
assembled on-site.
Weight 0.76kg



33982.000
Mounting plate
Corrosion-resistant cast aluminium,
No-Rinse surface treatment. Graphit m,
double powder-coated.
Weight 1.7kg

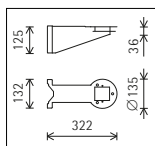


35718.000
Adapter piece
for mounting on cantilever arm or
attachment
Stainless steel, graphit m coated.
Cantilever arm or attachment to be
ordered separately.
Weight 0.21kg

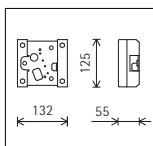


More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan

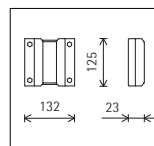
Lightscan Accessories



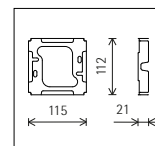
34955.000
Cantilever arm
for standing luminaire installation on
upright supporting pole ø 60–89mm or
wall.
Housing: stainless steel. Graphit m,
powder-coated.
Clamping plate or second cantilever
arm for fixing on upright supporting
pole to be ordered separately.
Upright supporting pole ø 60–89mm to
be ordered separately.
Weight 2.2kg



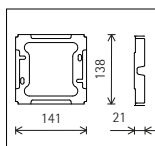
34953.000
Attachment
for upright supporting pole
ø 60–89mm.
Housing: stainless steel. Graphit m,
powder-coated.
Clamping plate or second attachment
for fixing to be ordered separately.
Upright supporting pole ø 60–89mm to
be ordered separately.
Weight 1kg



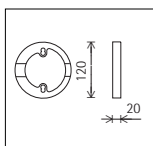
34954.000
Clamping plate
for fixing cantilever arm or attachment
on upright supporting pole ø 60–
89mm.
Housing: stainless steel. Graphit m,
powder-coated.
Cantilever arm or attachment to be
ordered separately.
Weight 0.8kg



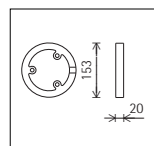
35716.000
Spacer
Stainless steel, graphite m coated.
Weight 0.19kg



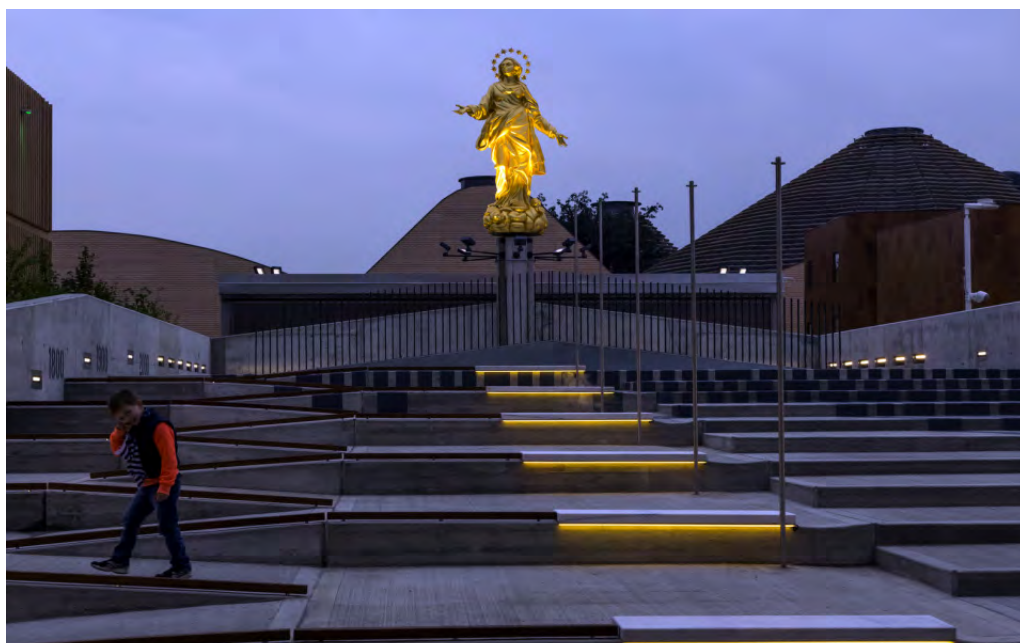
35717.000
Spacer
Stainless steel, graphite m coated.
Weight 0.24kg



34990.000
Spacer
for surface-mounted cables.
Corrosion-resistant cast aluminium,
No-Rinse surface treatment. Graphit m,
double powder-coated.
Weight 0.16kg



34991.000
Spacer
for surface-mounted cables.
Corrosion-resistant cast aluminium,
No-Rinse surface treatment. Graphit m,
double powder-coated.
Weight 0.23kg



Pavilion of the
Milan Cathedral
works organisa-
tion at the EXPO
2015, Milan. Pho-
tographer: Dirk
Vogel, Dortmund.



Dynamic ceiling illumination for a wide spatial impression

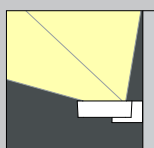
Using Lightscan façade luminaires to washlight ceilings in airports, train stations, arcades and passages

Lightscan façade luminaires give a light and spacious impression to ceilings especially in such formidable spaces as passages or train stations. The intense, uniform washlighting of the robust luminaire allows for economical illumination of the ceiling with luminaires spaced far apart, performing equally well in outdoor and indoor applications. High levels of luminous flux and efficient photometrics ensure an excellent level

of brightness – particularly in large and high rooms. Two different light distributions – wide or deep beam – offer the perfect solution for the illumination of large ceiling areas. Maintenance-free optoelectronics guarantee maximum efficiency to help save our resources and result in lower operating costs.



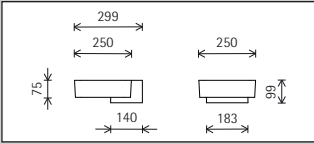
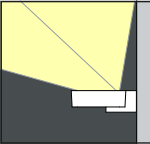
Washlighting
Wide-beam illumination of spatial zones.



Ceiling washlights
Asymmetrical washlighting for uniform illumination of the ceiling.

LED module
24W - 72W
2520lm - 9900lm
Light distribution: Wide beam, Deep beam

Lightscan Façade luminaires



Construction size 250mm

LED performance class

24W/3300lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Light distribution

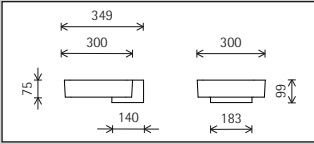
	Ceiling washlights
	Wide beam
	Deep beam

Control

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *



300mm

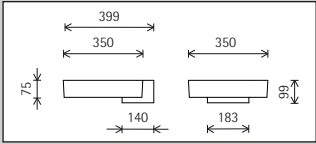
48W/6600lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

	Ceiling washlights
	Wide beam
	Deep beam

	Switchable
	DALI

	Graphit m
	10,000 colours *



350mm

72W/9900lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Ceiling washlights	
	Wide beam
	Deep beam

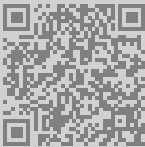
	Switchable
	DALI

	Graphit m
	10,000 colours *

* available on request

Article numbers and planning data:
www.erco.com/015413

Design and application:
www.erco.com/lightscan-f





Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website. The direct links for quick access always take the same form:

www.erco.com/<article number>

Detailed information on the features is provided in the Program from page 1045

1 ERCO Spherolit lens

- Light distributions: wide beam or deep beam

2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

3 Cover frame

- Cast aluminium, black powder-coated
- Safety glass

4 Housing and wall plate

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated
- Optimised surface for reduced accumulation of dirt

5 Control gear

- Switchable or DALI dimmable

Protection mode IP65

Dust-tight and water jet-proof

Variants on request

- High-power LEDs: 3000K CRI 95 or 2700K, 3500K, 4000K with CRI 92
 - Housing: 10,000 further colours
- Please contact your ERCO consultant.

Special characteristics



Large lumen packages for very high illuminances



Different light distributions: wide or deep



Wide luminaire spacing with ceiling washlighting



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Protection mode IP65

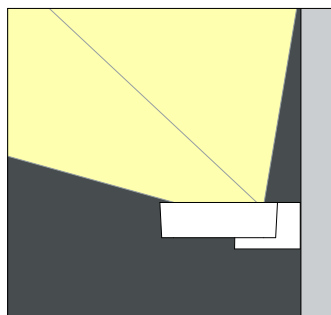


Switchable



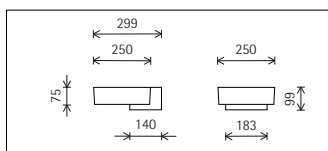
DALI dimmable

Lightscan Ceiling washlight

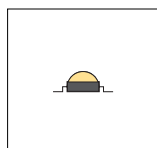


☐ – switchable
DALI – dimmable

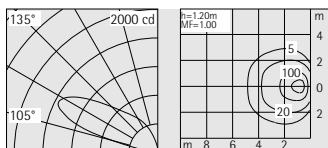
LED module:
24W
2520lm - 3300lm



Weight 6.4kg
LMF F



LED warm white
3000K CRI 92
Version 4

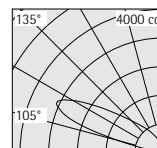


Spherolit lens, wide beam
24W 2520lm

Graphit m
34357.000 ☐
34381.000 DALI

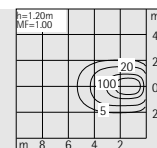
Luminaire
Φ 1242lm

Connected load
☐ 27.0W
DALI 28.0W



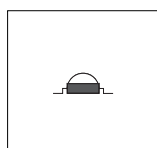
Spherolit lens, deep beam
24W 2520lm

Graphit m
34359.000 ☐
34383.000 DALI

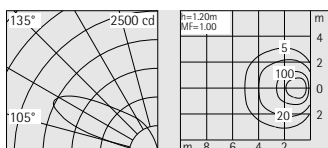


Luminaire
Φ 1380lm

Connected load
☐ 27.0W
DALI 28.0W



LED neutral white
4000K CRI 82
Version 4

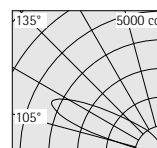


Spherolit lens, wide beam
24W 3300lm

Graphit m
34356.000 ☐
34380.000 DALI

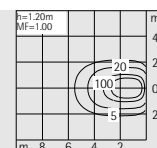
Luminaire
Φ 1627lm

Connected load
☐ 27.0W
DALI 28.0W



Spherolit lens, deep beam
24W 3300lm

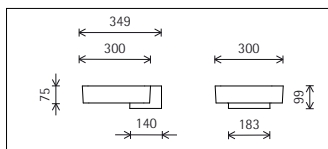
Graphit m
34358.000 ☐
34382.000 DALI



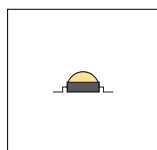
Luminaire
Φ 1807lm

Connected load
☐ 27.0W
DALI 28.0W

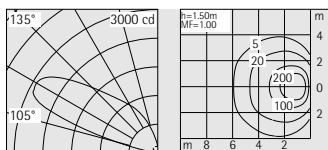
LED module:
48W
5040lm - 6600lm



Weight 8.2kg
LMF F



LED warm white
3000K CRI 92
Version 4

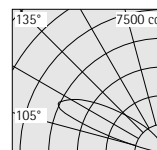


Spherolit lens, wide beam
48W 5040lm

Graphit m
34361.000 ☐
34385.000 DALI

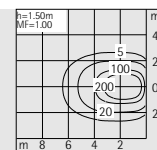
Luminaire
Φ 2496lm

Connected load
☐ 55.0W
DALI 55.0W



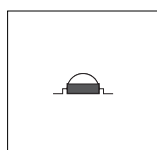
Spherolit lens, deep beam
48W 5040lm

Graphit m
34363.000 ☐
34387.000 DALI

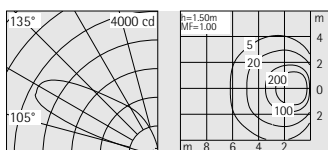


Luminaire
Φ 2718lm

Connected load
☐ 55.0W
DALI 55.0W



LED neutral white
4000K CRI 82
Version 4

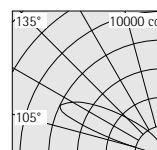


Spherolit lens, wide beam
48W 6600lm

Graphit m
34360.000 ☐
34384.000 DALI

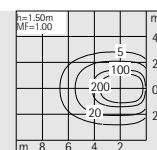
Luminaire
Φ 3269lm

Connected load
☐ 55.0W
DALI 55.0W



Spherolit lens, deep beam
48W 6600lm

Graphit m
34362.000 ☐
34386.000 DALI



Luminaire
Φ 3559lm

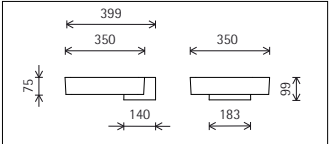
Connected load
☐ 55.0W
DALI 55.0W



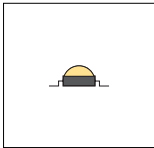
More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan-f

Lightscan Ceiling washlight

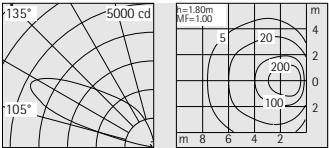
LED module:
72W
7560lm - 9900lm



Weight 10kg
LMF F



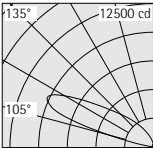
LED warm white
3000K CRI 92
Version 4



Spherolit lens, wide beam
72W 7560lm

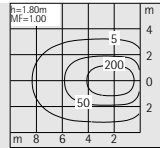
Graphit m
34365.000 ☺
34389.000 DALI

Luminaire
Φ 3781lm
Connected load
☺ 81.0W
DALI 81.0W

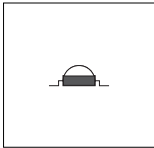


Spherolit lens, deep beam
72W 7560lm

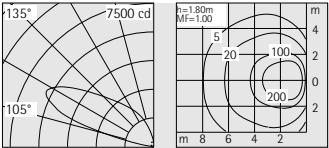
Graphit m
34367.000 ☺
34391.000 DALI



Luminaire
Φ 4166lm
Connected load
☺ 81.0W
DALI 81.0W



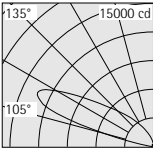
LED neutral white
4000K CRI 82
Version 4



Spherolit lens, wide beam
72W 9900lm

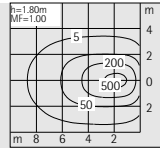
Graphit m
34364.000 ☺
34388.000 DALI

Luminaire
Φ 4951lm
Connected load
☺ 81.0W
DALI 81.0W



Spherolit lens, deep beam
72W 9900lm

Graphit m
34366.000 ☺
34390.000 DALI



Luminaire
Φ 5456lm
Connected load
☺ 81.0W
DALI 81.0W



Powerful light for large spaces

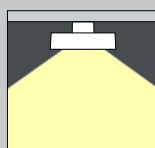
Effective and efficient general lighting for passages and traffic routes

Lightscan ceiling surface-mounted luminaires provide strong, efficient general lighting for large rooms requiring higher protection ratings in indoor and outdoor areas along with easy maintenance. The higher luminous flux levels enable illumination over large distances and guarantee an excellent lighting level on the floor. The light distributions wide flood, extra wide flood and oval flood are ideal for use in railway stations, passages and

arcades as well as traffic areas in buildings. The maintenance-free optoelectronics protect resources thanks to their high efficiency and also reduce operating costs.



General lighting
Ambient lighting produced by wide beam light distribution.

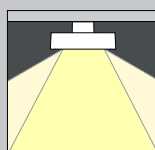


Surface-mounted downlights
Wide beam, rotationally symmetrical light distribution for general lighting.

LED module
48W - 96W
5040lm - 13200lm
Light distribution: Wide flood, Extra wide flood



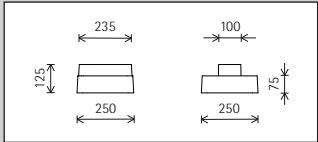
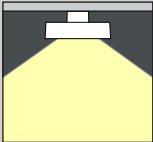
Linear lighting
Linear general lighting for spatial structuring and the illumination of zones and pathways.



Surface-mounted downlights oval flood
Axially symmetrical light distribution for linear lighting.

LED module
48W - 96W
5040lm - 13200lm
Light distribution: Oval flood

Lightscan Surface-mounted luminaires



Construction size 250mm

LED performance class

48W/6600lm

Light colour

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Light distribution

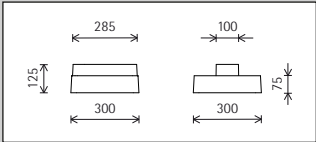
Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	

Control

	Switchable
	DALI

Colour (housing)

	Graphit m
	10,000 colours *



300mm

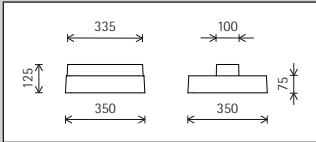
72W/9900lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Surface-mounted downlights	Surface-mounted downlights oval flood
Wide flood	Oval flood
Extra wide flood	

	Switchable
	DALI

	Graphit m
	10,000 colours *



350mm

96W/13200lm

	2700K CRI 92 *		3500K CRI 92 *
	3000K CRI 92		4000K CRI 82
	3000K CRI 95 *		4000K CRI 92 *

Surface-mounted downlights	Surface-mounted downlights oval flood
 Wide flood	 Oval flood
 Extra wide flood	

 Switchable
 DALI

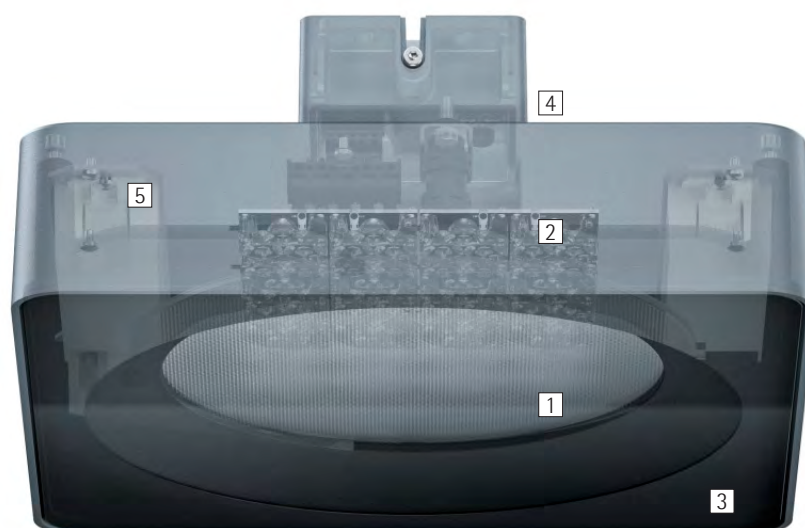
 Graphit m
 10,000 colours *

* available on request

Article numbers and planning data:
www.ercos.com/015412

Design and application:
www.ercos.com/lightscan-o-s





Structure and characteristics

The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website. The direct links for quick access always take the same form:

www.ercos.com/<article number>

Detailed information on the features is provided in the Program from page 1166

1 ERCO Spherolit lens

- Light distributions: wide flood, extra wide flood or oval flood
- Oval flood 360° rotation

2 ERCO LED-module

- High-power LED: warm white (3000K) or neutral white (4000K)
- Collimating lens made of optical polymer

3 Cover frame

- Cast aluminium, black powder-coated
- Safety glass

4 Housing and ceiling fixture

- Graphit m
- Corrosion-resistant cast aluminium, No-Rinse surface treatment
- Double powder-coated

5 Control gear

- Switchable or DALI dimmable

Protection mode IP65

Dust-tight and water jet-proof

Variants on request

- High-power LEDs: 3000K CRI 95 or 2700K, 3500K, 4000K with CRI 92
 - Housing: 10,000 further colours
- Please contact your ERCO consultant.

Special characteristics



Improved visual comfort



Large lumen packages for very high illuminances



Oval flood, freely rotatable



ERCO high-power LEDs



Efficient Spherolit technology



Different light colours



Excellent thermal management



EMC-optimised



Various construction sizes



Protection mode IP65

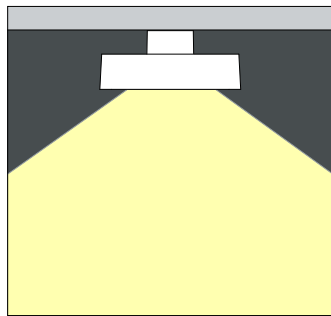


Switchable



DALI dimmable

Lightscan Surface-mounted downlight

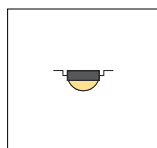


LED module:
48W
5040lm - 6600lm

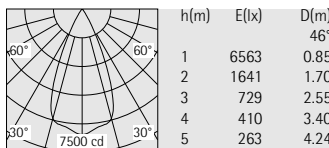


Weight 6.4kg - 10kg
LMF E

☐ – switchable
DALI – dimmable

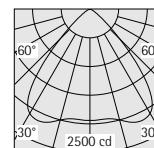


LED warm white
3000K CRI 92
Version 4



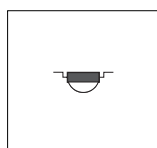
Spherolit lens, wide flood
48W 5040lm

Graphit m
34345.000 ☐
34369.000 DALI

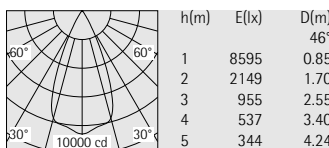


Spherolit lens, extra wide flood
48W 5040lm

Graphit m
35229.000 ☐
35235.000 DALI

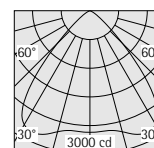


LED neutral white
4000K CRI 82
Version 4



Spherolit lens, wide flood
48W 6600lm

Graphit m
34344.000 ☐
34368.000 DALI



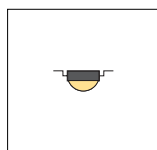
Spherolit lens, extra wide flood
48W 6600lm

Graphit m
35228.000 ☐
35234.000 DALI

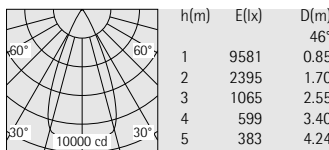
LED module:
72W
7560lm - 9900lm



Weight 8.2kg
LMF E

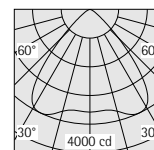


LED warm white
3000K CRI 92
Version 4



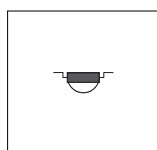
Spherolit lens, wide flood
72W 7560lm

Graphit m
34349.000 ☐
34373.000 DALI

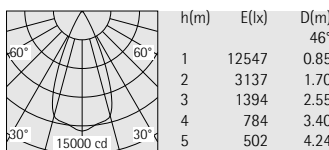


Spherolit lens, extra wide flood
72W 7560lm

Graphit m
35231.000 ☐
35237.000 DALI

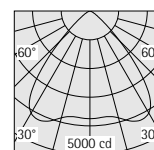


LED neutral white
4000K CRI 82
Version 4



Spherolit lens, wide flood
72W 9900lm

Graphit m
34348.000 ☐
34372.000 DALI



Spherolit lens, extra wide flood
72W 9900lm

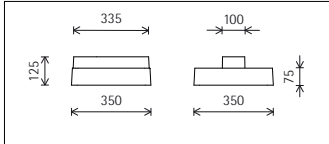
Graphit m
35230.000 ☐
35236.000 DALI



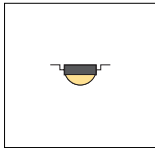
More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan-o-s

Lightscan Surface-mounted downlight

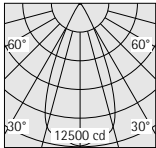
LED module:
96W
10080lm -
13200lm



Weight 10kg
LMF E



LED warm white
3000K CRI 92
Version 4

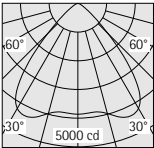


h(m)	E(lx)	D(m)
1	12433	0.85
2	3108	1.70
3	1381	2.55
4	777	3.40
5	497	4.24

Luminaire	Φ	7278lm
Connected load	⊕	109.0W
DALI	⊕	109.0W

Spherolit lens, wide flood
96W 10080lm

Graphit m
34353.000 ⊕
34377.000 DALI

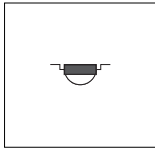


h(m)	E(lx)	D(m)
1	3865	1.80
2	966	3.60
3	429	5.40
4	242	7.20
5	155	9.00

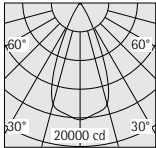
Luminaire	Φ	7509lm
Connected load	⊕	109.0W
DALI	⊕	109.0W

Spherolit lens, extra wide flood
96W 10080lm

Graphit m
35233.000 ⊕
35239.000 DALI



LED neutral white
4000K CRI 82
Version 4

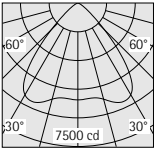


h(m)	E(lx)	D(m)
1	16281	0.85
2	4070	1.70
3	1809	2.55
4	1018	3.40
5	651	4.24

Luminaire	Φ	9530lm
Connected load	⊕	109.0W
DALI	⊕	109.0W

Spherolit lens, wide flood
96W 13200lm

Graphit m
34352.000 ⊕
34376.000 DALI



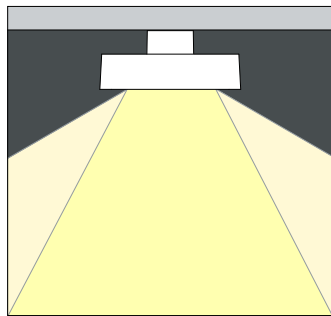
h(m)	E(lx)	D(m)
1	5062	1.80
2	1265	3.60
3	562	5.40
4	316	7.20
5	202	9.00

Luminaire	Φ	9834lm
Connected load	⊕	109.0W
DALI	⊕	109.0W

Spherolit lens, extra wide flood
96W 13200lm

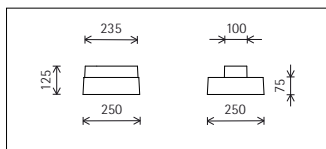
Graphit m
35232.000 ⊕
35238.000 DALI

Lightscan Surface-mounted downlight oval flood

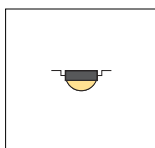


☺ – switchable
DALI – dimmable

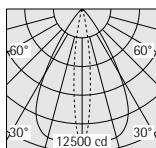
LED module:
48W
5040lm - 6600lm



Weight 6.4kg
LMF E



LED warm white
3000K CRI 92
Version 4



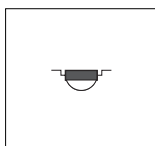
	h(m)	E(lx)	D(m)	
			62°	14°
1	11548	1.20	0.25	
2	2887	2.40	0.49	
3	1283	3.61	0.74	
4	722	4.81	0.98	
5	462	6.01	1.23	

Luminaire
Φ 3773lm

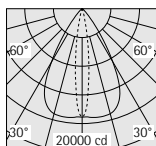
Connected load
☺ 55.0W
DALI 55.0W

Spherolit lens, oval flood
48W 5040lm

Graphit m
34347.000 ☺
34371.000 DALI



LED neutral white
4000K CRI 82
Version 4



	h(m)	E(lx)	D(m)	
			62°	14°
1	15122	1.20	0.25	
2	3780	2.40	0.49	
3	1680	3.61	0.74	
4	945	4.81	0.98	
5	605	6.01	1.23	

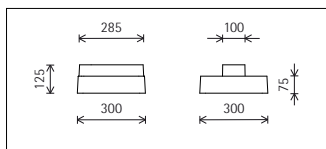
Luminaire
Φ 4941lm

Connected load
☺ 55.0W
DALI 55.0W

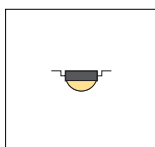
Spherolit lens, oval flood
48W 6600lm

Graphit m
34346.000 ☺
34370.000 DALI

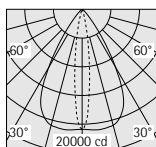
LED module:
72W
7560lm - 9900lm



Weight 8.2kg
LMF E



LED warm white
3000K CRI 92
Version 4



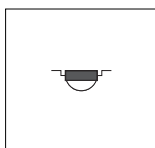
	h(m)	E(lx)	D(m)	
			62°	14°
1	16738	1.20	0.25	
2	4184	2.40	0.49	
3	1860	3.61	0.74	
4	1046	4.81	0.98	
5	670	6.01	1.23	

Luminaire
Φ 5569lm

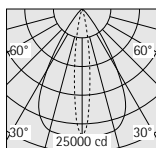
Connected load
☺ 81.0W
DALI 81.0W

Spherolit lens, oval flood
72W 7560lm

Graphit m
34351.000 ☺
34375.000 DALI



LED neutral white
4000K CRI 82
Version 4



	h(m)	E(lx)	D(m)	
			62°	14°
1	21918	1.20	0.25	
2	5480	2.40	0.49	
3	2435	3.61	0.74	
4	1370	4.81	0.98	
5	877	6.01	1.23	

Luminaire
Φ 7293lm

Connected load
☺ 81.0W
DALI 81.0W

Spherolit lens, oval flood
72W 9900lm

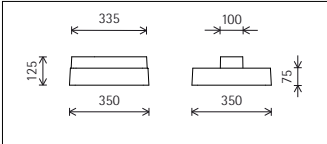
Graphit m
34350.000 ☺
34374.000 DALI



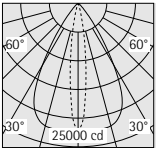
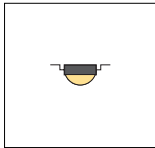
More light colours on the internet
Technical data and article numbers
for other light colours on
www.erco.com/lightscan-o-s

Lightscan Surface-mounted downlight oval flood

LED module:
96W
10080lm -
13200lm



Weight 10kg
LMFE



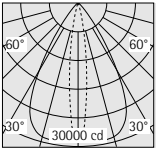
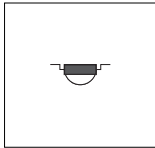
	h(m)	E(lx)	D(m)	
			62°	14°
1	21999	1.20	0.25	
2	5500	2.40	0.49	
3	2444	3.61	0.74	
4	1375	4.81	0.98	
5	880	6.01	1.23	

Luminaire	
Ø	7333lm
Connected load	
⊕	109.0W
DALI	109.0W

LED warm white
3000K CRI 92
Version 4

Spherolit lens, oval flood
96W 10080lm

Graphit m
34355.000 ⊕
34379.000 DALI



	h(m)	E(lx)	D(m)	
			62°	14°
1	28808	1.20	0.25	
2	7202	2.40	0.49	
3	3201	3.61	0.74	
4	1801	4.81	0.98	
5	1152	6.01	1.23	

Luminaire	
Ø	9603lm
Connected load	
⊕	109.0W
DALI	109.0W

LED neutral white
4000K CRI 82
Version 4

Spherolit lens, oval flood
96W 13200lm

Graphit m
34354.000 ⊕
34378.000 DALI