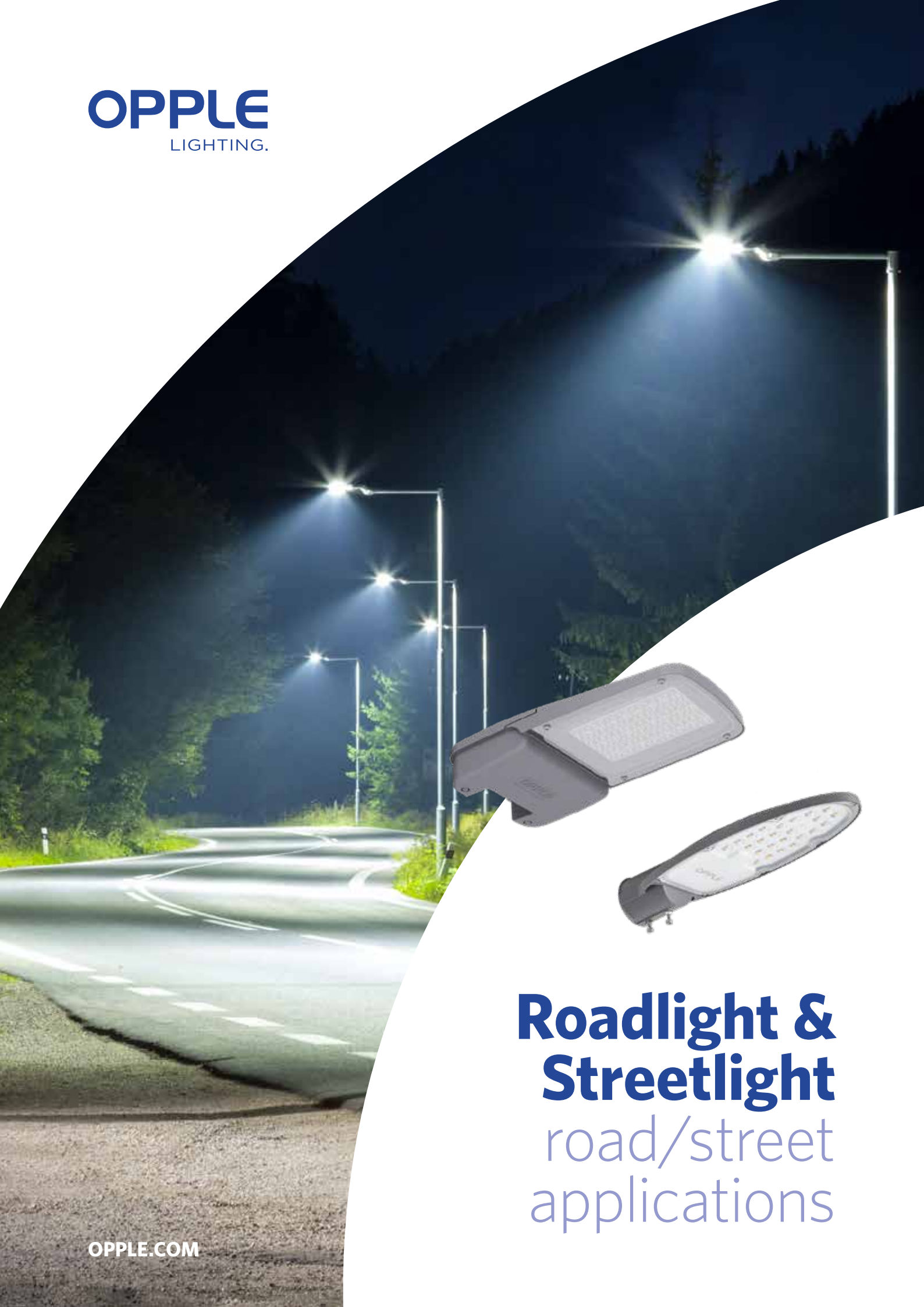
OPPLE
LIGHTING.



Roadlight & Streetlight

road/street applications

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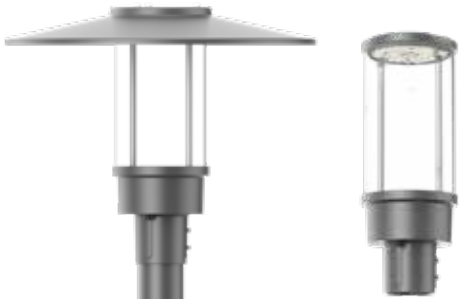
Never lose your way again with the right amount of light in various applications

The EN 13201:2015 standard assigns lighting for streets, footpaths and cycle paths to class M or class P. These classes and maximum efficiency were uppermost in the minds of OPPLE's engineers when weighing up the designs for the Roadlight portfolio. OPPLE's LED Roadlight, Streetlight and Post Top guarantee you the right amount of lights complying with the relevant lighting standard for roads, streets and public lighting. Like all OPPLE products, the design is inviting, the range is clearly structured and a service desk is always available to answer your questions.

Streetlight G2

Post Top



Post Top Polaris

Roadlight Stratus

Roadlight ExoMax

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OPPLE's LED Roadlight portfolio provides various solutions in different applications based on customer requests, i.e. the roads, streets, footpaths and cycle paths in neighbourhood, or for large sites such as a holiday park or industrial compus. Customer can also choose one of these luminaires to illuminate adjacent facades, parking spaces or gardens. For busy major or provincial roads, OPPLE offers the Professional LED Roadlight to cover these applications.

With new gerneration of Roadlight Stratus by using Zhaga - D4i system, we can offer Smart City Control luminaire for customers. By using the handy configurator table to quickly and easily determine which luminaires best suit your street or road.

Our service desk will be delighted to help you specify a configuration that provides maximum efficiency for every situation on the road, in the street, or in a public space.

Streetlight G2

- Design streetlight luminaire with optimised optical configuration
- High efficacy up to 125 lm/W
- Available also with Daylight Detection Sensor (DD, 4000K)
- Accessories available for many pole types and connections
- IP66 and suitable for use on coastal applications
- Now with 42-60mm pole entry

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Post Top

- DALI2 versions available for 33W and 50W
- High efficacy up to 135 lm/W
- Professional post-top solution with optimal light performance
- Integrates well into existing landscape
- Different optics to suit the application and reduce glare
- Die casted aluminium body for optimal heat dissipation
- Available in two pole sizes for more application flexibility
- IP66 and suitable for use on coastal applications

Post Top Polaris

- Post Top Polaris enhances outdoor spaces with its clean, modern aesthetic
- Die-cast aluminum body ensures efficient heat dissipation and long-lasting durability
- Integrated CCT switch offers seamless selection between 3000K and 4000K
- vailable in On/Off and DALI2-controlled versions to meet diverse project requirements
- Efficient Power Options of 15W, 25W, or 35W in On/Off version
- Specialized optics to reduce glare while adapting to various applications
- Pole adapter of 76mm and conversion kit are included in the package (42mm - 76mm)
- IP66 and suitable for use on coastal application

Application

- Motorways, inter-urban main roads, boulevards and avenues, roundabouts, pedestrian crossings
- Residential streets, side streets, squares, parks, cycle and pedestrian paths, playgrounds
- Parking areas, industrial areas, petrol stations

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Roadlight Stratus

- Big power range from 20W to 150W
- Modern-looking Roadlight solution with high efficacy up to 150 lm/W
- DALI2 versions equipped with pre-programmed midnight dimming (on request)
- Available with D4i-Driver and Zhaga socket for easy integration in Smart City Control Systems
- Advanced optical design with multiple light distribution options
- Easy installation and maintenance via openable driver compartment
- Flexible and adjustable pole connector (60mm & 76mm) for both side entry and pole top mounting

Roadlight EcoMax

- Sleek and compact Roadlight solution
- Advanced optical design optimized for road lighting
- High efficacy up to 125 lm/W
- Accessories available for many pole types and connections
- Robust die-cast aluminium body
- IP66 and suitable for use on coastal applications

Application

- Traffic routes and main access road
- Urban and residential area
- City centers and main streets
- Cycle paths, footpaths and pedestrian crossings

Possible pole distances

Streetlight G2

Maximum Pole Distances

Lighting Class according to EN 13201: 2015
Lighting Calculation details:
- Roadway surface CIE R3 Qo: 0.7
- Maintenance factor: 0.8
- Arrangement type: single side bottom

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M-Class Roads

Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LED Streetlight G2 20W	M5	4	26	5	5	0,1
		5	24	5	5	0,3
		6	22	5	5	0,4
	M6	4	35	7	5	0,2
		5	34	6,5	5	0,1
		6	32	6,5	5	0,5
LED Streetlight G2 40W	M5	4	37	7,5	5	0,4
		5	36	7	5	0,2
		6	34	7	5	0,4
	M6	4	49	10	5	0,5
		5	48	9,5	5	0,1
		6	46	9,5	5	0,5
LED Streetlight G2 60W	M4	5	34	8,5	5	0,3
		6	33	8,5	5	0,4
		7	32	8	5	0,4
		8	30	8	5	0,5
	M5	5	47	10	5	0,3
		6	46	9,5	5	0,3
		7	44	9,5	5	0,5
		8	41	9,5	5	0,5

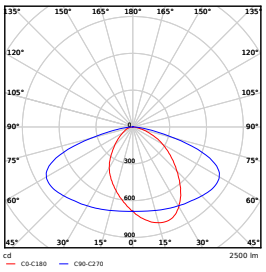
M-class = main road

P-Class Roads

Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LED Streetlight G2 20W	P2	3	24	4,5	5	0
		4	23	4	5	0
		5	23	4	5	0,5
		6	20	4	5	0,3
	P4	3	35	6,5	5	0,5
		4	35	6,5	5	0,3
		5	34	6	5	0,1
		6	33	6	5	0,5
LED Streetlight G2 40W	P2	3	32	6	5	0,4
		4	32	6,5	5	0,5
		5	32	6	5	0,2
		6	31	5,5	5	0,2
	P4	3	47	9	5	0,1
		4	47	9	5	0,3
		5	46	9	5	0,5
		6	46	8,5	5	0,3
LED Streetlight G2 60W	P2	4	43	8,5	5	0,3
		5	42	8	5	0,1
		6	41	8,5	5	0,3
		7	41	8	5	0,5

P-class = pedestrian road

Polar Diagrams

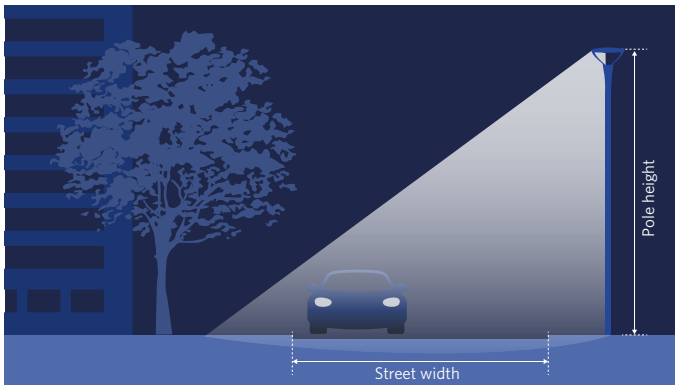


LEDStreetlight G2

Possible pole distances

Post Top

Maximum Pole Distances



Lighting Class according to EN 13201:2015
Lighting Calculation details:
- Roadway surface CIE R3 Qo:0.07
- Maintenance factor: 0.8

Arrangement type: single side down

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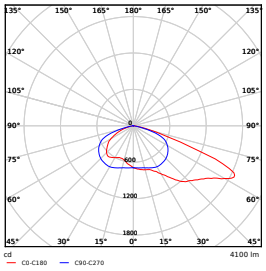
P-Class Roads

Luminaire	Illuminance Class	Street Width[m]	Maximum Pole Distance[m]	Pole height [m]
LED Post Top 33W - AS	P2	3	22	4,5
		4	21	4,5
		5	21	4,5
		6	21	4
	P3	3	25	5
		4	25	5
		5	25	5
		6	25	5
	P4	3	30	6
		4	30	6
		5	30	5,5
		6	30	5,5

Luminaire	Illuminance Class	Street Width[m]	Maximum Pole Distance[m]	Pole height [m]
LED Post Top 50W - AS	P2	3	28	5,5
		4	28	5,5
		5	27	5
		6	27	5
	P3	3	32	6,5
		4	32	6,5
		5	31	6,5
		6	31	6,5
	P4	3	40	8
		4	39	8
		5	39	8
		6	38	7,5

P-class = pedestrian road

Polar Diagrams

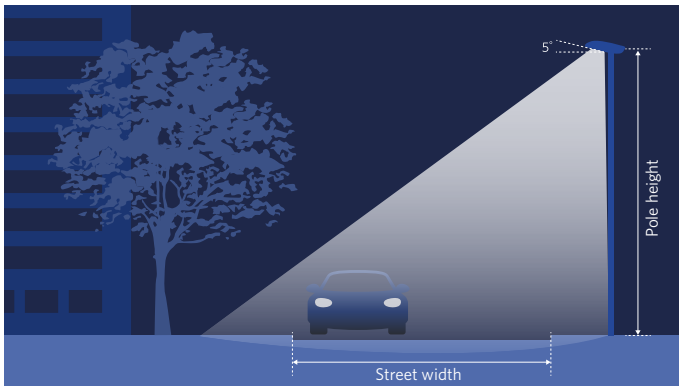


LEDPostTop-P1 4000-AS

Possible pole distances

Post Top Polaris

Maximum Pole Distances



Lighting Class according to EN 13201:2015
Lighting Calculation details:
- Roadway surface CIE R3 Qo:0.07
- Maintenance factor: 0.8

Arrangement type: single side down

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P-Class Road

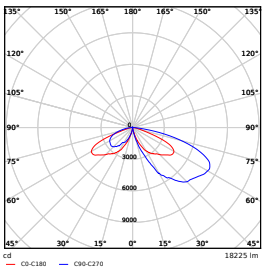
P-class = pedestrian road

Luminaire	Illuminance Class	Street Width[m]	Maximum Pole Distance[m]	Pole height [m]
LED Post Top Polaris 15W - AS	P2	3	17	3
		4	17	3
		5	16	3
		6	16	2,5
	P3	3	20	3,5
		4	20	3,5
		5	19	3,5
		6	18	3
	P4	3	24	4
		4	24	4
		5	24	4
		6	24	4

Luminaire	Illuminance Class	Street Width[m]	Maximum Pole Distance[m]	Pole height [m]
LED Post Top Polaris 25W - AS	P2	3	21	3,5
		4	22	4
		5	22	4
		6	22	4
	P3	3	25	4,5
		4	26	4,5
		5	26	4,5
		6	26	4,5
	P4	3	30	5
		4	31	5,5
		5	31	5,5
		6	31	5,5

Luminaire	Illuminance Class	Street Width[m]	Maximum Pole Distance[m]	Pole height [m]
LED Post Top Polaris 35W - AS	P2	3	26	4,5
		4	26	4,5
		5	26	4,5
		6	26	4,5
	P3	3	29	5
		4	30	5
		5	30	5
		6	30	5
	P4	3	35	6
		4	36	6
		5	37	6
		6	37	6,5

Polar Diagrams



LEDPostTop-PO-P 15/25/35W-4000-AS

Possible pole distances

Roadlight EcoMax

Maximum Pole Distances

Lighting Class according to EN 13201: 2015
Lighting Calculation details:
- Roadway surface CIE R3 Qo: 0.7
- Maintenance factor: 0.8
- Arrangement type: single side bottom

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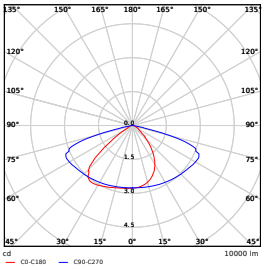
M-Class Roads

M-class = main road

Luminaire	Illuminance Class	Width [m]	Pole distance [m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LEDRoadlight-E 80W	M3	7	30	7	0	1
		8	28	7	0	1
		9	27	7	0	1
		10	25	7	5	1
		11	23	6,5	10	1
LEDRoadlight-E 80W	M4	7	36	8	5	1
		8	35	8	0	1
		9	34	7,5	0	1
		10	32	7,5	5	1
		11	29	7,5	10	1

Luminaire	Illuminance Class	Width [m]	Pole distance [m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LEDRoadlight-E 100W	M3	7	34	8	0	1
		8	34	7,5	0	1
		9	32	7,5	0	1
		10	30	7,5	0	1
		11	28	7	10	1
LEDRoadlight-E 100W	M4	7	41	9	0	0,5
		8	40	9	0	1
		9	39	8,5	0	1
		10	37	8,5	0	1
		11	36	8,5	0	1

Polar Diagrams



LEDRoadlight-E 80W

Possible pole distances

Roadlight Stratus

Maximum Pole Distances

Lighting Class according to EN 13201:2015
Lighting Calculation details:
- Roadway surface CIE R3 Qo:0.07
- Maintenance factor: 0.8

Arrangement type: single side down

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M-Class Roads

M-class = main road

Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LEDRoadlight-Stratus 20W AS	M5	6	25	6	0	1
		5	28	6,5	0	0,5
		4	30	6,5	0	0,5
	M6	6	38	8	0	0,5
		5	38	8	5	0,5
		4	40	8,5	0	0
LEDRoadlight-Stratus 40W AS	M5	6	41	9	0	1
		5	42	9	5	0,5
		4	44	9,5	0	0,5
	M6	6	47	10	15	0,5
		5	47	10	5	0,5
		4	47	10	10	0

Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LEDRoadlight-Stratus 20W XAS	M5	6	28	6	0	1
		5	30	6	0	0,5
		4	32	6	0	0,5
	M6	6	41	7	0	0,5
		5	43	7,5	0	0,5
		4	43	7,5	5	0
LEDRoadlight-Stratus 40W XAS	M5	6	46	8	0	1
		5	46	8	0	0,5
		4	49	8,5	0	0,5
	M6	6	50	9,5	0	0,5
		5	50	10	5	0,5
		4	50	10	0	0

P-Class Roads

P-class = pedestrian road

Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LEDRoadlight-Stratus 20W AS	P2	6	24	6	0	1
		5	25	6	5	0,5
		4	26	6	5	0,5
		3	27	6	0	0
	P4	6	39	8	0	0,5
		5	40	8	0	0,5
		4	40	8	0	0
		3	40	8	0	0
LEDRoadlight-Stratus 40W AS	P2	6	39	8	0	1
		5	40	8	0	0,5
		4	40	8	0	0,5
		3	40	8	0	0,5
	P4	6	50	9,5	0	0,5
		5	50	10	5	0,5
		4	50	10	5	0
		3	50	9,5	0	0

Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LEDRoadlight-Stratus 20W XAS	P2	6	21	6	0	1
		5	22	6	0	0,5
		4	22	6	0	0,5
		3	22	6	0	0
	P4	6	40	6,5	0	0,5
		5	40	6,5	0	0,5
		4	39	6,5	0	0
		3	39	6,5	0	0
LEDRoadlight-Stratus 40W XAS	P2	6	40	6,5	0	1
		5	40	6,5	0	0,5
		4	39	6,5	0	0,5
		3	39	6,5	0	0,5
	P4	6	50	9	10	0,5
		5	50	8	5	0,5
		4	50	8,5	10	0
		3	50	8,5	0	0

Possible pole distances

Roadlight Stratus

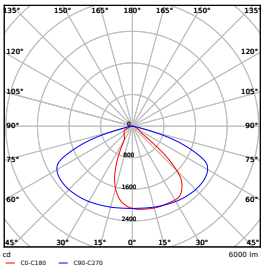
M-Class Roads

M-class = main road

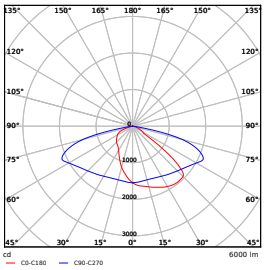
Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LED Roadlight Stratus 60W AS	M3	10	22	8	10	1
		9	26	6,5	10	0,5
		8	28	6,5	5	0,5
		7	30	7	0	1
	M4	10	30	7	10	0,5
		9	32	7,5	10	0,5
		8	34	8,5	0	1
		7	35	8,5	0	1
LED Roadlight Stratus 80W AS	M3	10	31	8	5	1
		9	33	8	5	1
		8	34	8	5	1
		7	35	9	0	1
	M4	10	38	9	10	1
		9	40	9,5	0	1
		8	41	10	0	1
		7	42	10	0	0,5

Luminaire	Illuminance Class	Street width [m]	Maximum pole distance[m]	Pole height [m]	Boom angle [°]	Light overhang [m]
LED Roadlight Stratus 120W AS	M3	10	41	10	0	0
		9	41	10	0	0
		8	41	10	0	0
		7	41	10	0	0
	M4	10	47	11,5	5	0,5
		9	48	12	0	0
		8	49	12	5	0
		7	51	12,5	0	0
LED Roadlight Stratus 150W AS	M3	10	46	11,5	5	1
		9	47	11,5	5	1
		8	49	12	0	1
		7	50	12,5	0	1
	M4	10	55	13,5	0	0,5
		9	57	14	0	1
		8	57	14,5	0	1
		7	57	14,5	0	1

Polar Diagrams



LED Roadlight Stratus AS



LED Roadlight Stratus XAS 20W/40W

Optimally lit streets and roads

Suppose you want to equip a 5-metre wide street with LED lighting. The maximum distance between the (existing) posts is 28 metres. If the application is for a footpath or cycle path, then class P2 requirements apply. Referring to the 'Luminaire' and 'Maximum post distance' columns, you will immediately see that the 40 W Streetlight luminaire is perfect for this application. In fact, the amount of light at street level still satisfies class P2 requirements with a post distance of 32 metres. The 20 W luminaire is not powerful enough as the maximum distance between the posts for this luminaire is 23 metres.

OPPLE LIGHTING.

STREETLIGHT G2

Item Code	Item Description
705000021000	LEDStreetlight-E2 20W-3000
705000021500	LEDStreetlight-E2 20W-4000
705000021100	LEDStreetlight-E2 40W-3000
705000021600	LEDStreetlight-E2 40W-4000
705000021200	LEDStreetlight-E2 60W-3000
705000021700	LEDStreetlight-E2 60W-4000

PS: Available in Daylight Detection versions

POST TOP

Item Code	Item Description
543016006000	LEDPostTop-P1- 33W-3000-W
543016005700	LEDPostTop-P1- 33W-3000-AS
543016006600	LEDPostTop-P1- 33W-4000-W
543016006300	LEDPostTop-P1- 33W-4000-AS
543016006100	LEDPostTop-P1- 50W-3000-W
543016005800	LEDPostTop-P1- 50W-3000-AS
543016006700	LEDPostTop-P1- 50W-4000-W
543016006400	LEDPostTop-P1- 50W-4000-AS

PS: Available in DALI versions

POST TOP POLARIS

Item Code	Item Description
718004001500	LEDPostTop-Po-P Rd550-15/35W-730/740-AS
718004001900	LEDPostTop-Po-P Rd550-15/35W-730/740-W
718004002100	LEDPostTop-Po-P Rd160-15/35W-730/740-W
718004002400	LEDPostTop-Po-P Rd160-15/35W-730/740-AS

PS: Available in DALI versions

ROADLIGHT STRATUS

Item Code	Item Description
705000098900	LEDRoad-St-P2 Re488-20W-730-XAS
705000095800	LEDRoad-St-P2 Re488-20W-730
705000099000	LEDRoad-St-P2 Re488-20W-740-XAS
705000095900	LEDRoad-St-P2 Re488-20W-740
705000097900	LEDRoad-St-P2 Re488-40W-730-XAS
705000096400	LEDRoad-St-P2 Re488-40W-730
705000098000	LEDRoad-St-P2 Re488-40W-740-XAS
705000096500	LEDRoad-St-P2 Re488-40W-740
705000067400	LEDRoad-St-P2 Re489-60W-730
705000068800	LEDRoad-St-P2 Re489-60W-740
705000066800	LEDRoad-St-P2 Re489-80W-730
705000068000	LEDRoad-St-P2 Re489-80W-740
705000068200	LEDRoad-St-P2 Re588-120W-730
705000066600	LEDRoad-St-P2 Re588-120W-740
705000067700	LEDRoad-St-P2 Re588-150W-730
705000068100	LEDRoad-St-P2 Re588-150W-740

PS: Available in DALI2 and D4i-Zhaga versions

ROADLIGHT ECOMAX

Item Code	Item Description
705000021800	LEDRoadlight-E 80W-4000
705000021900	LEDRoadlight-E 100W-4000

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The Netherlands
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CONTACT

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