

Professional streetlight luminaire for LED light sources.

TECHNICAL DATA

Mounting: on pillar ø60/76mm, on outriggers ø60/76mm

Body: high pressure die-cast aluminum

Lateral Surface Wind Exposed: 0.050 m²

Colour: gray, graphite

Diffuser: tempered glass

ELECTRICAL DATA

Power supply efficiency: >93%

Power: 220-240V 50/60Hz

Includes light source: yes

Type of equipment: DALI

Electrical connection: max 5x2,5 mm² wire, max 4x2,5 mm² wire

OPTICAL DATA

Light distribution: asymmetric

Way of lighting: direct

Type of optic: O65 - for express roads, O66 - for local roads, O67 - for town roads, O68 - for residential area roads, O69 - for area lighting, O70 - for town and local roads, O71 - for municipal and residential area roads, O58 - for express roads, O59 - for local roads, O60 - for town roads, O61 - for residential area roads, O62 - for area lighting, O63 - for town and local roads, O64 - for municipal and residential area roads

ULOR / DLOR: 0% / 100%

GENERAL DATA

Lifetime LED (L90): 100 000 h

Available on request: DIM 1..10V, LLOC, twilight sensor, 10kV surge protection

Additional information: Tilt adjustment: 5°, knife switch (for protection class I), NTC. The possibility of using one or more power supplies in the luminaire. CRI/Ra >70

Additional equipment: additional anti-corrosive protection (index extension: .985)

Other remarks: the pole and boom are not part of the luminaire

Warranty: 5 years

Application: freeways, express roads, local roads, town roads, residential area roads, area lighting, airports, parking areas



Code	Protection Class	IK	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
Type: Tilt adjustment (PLUS version): -90° to +15° (O65, O66, O67, O68, O69, O70, O71 optics)								
13019X.3L52.1X	I	IK08	198	30800	156	4000	>70	* max +50
13019X.3L52.2X	II	IK08	198	30800	156	4000	>70	* max +50
13019X.3L56.1X	I	IK08	253	38800	153	4000	>70	* max +50
13019X.3L56.2X	II	IK08	253	38800	153	4000	>70	* max +50
13019X.3L60.1X	I	IK08	302	44950	149	4000	>70	* max +50
13019X.3L60.2X	II	IK08	302	44950	149	4000	>70	* max +50
13019X.3L51.1X	I	IK08	198	30400	154	3000	>70	* max +50
13019X.3L51.2X	II	IK08	198	30400	154	3000	>70	* max +50
13019X.3L55.1X	I	IK08	253	38300	151	3000	>70	* max +50
13019X.3L55.2X	II	IK08	253	38300	151	3000	>70	* max +50
13019X.3L59.1X	I	IK08	302	44400	147	3000	>70	* max +50
13019X.3L59.2X	II	IK08	302	44400	147	3000	>70	* max +50
13019X.3L50.1X	I	IK08	198	27650	140	2700	>70	* max +50
13019X.3L50.2X	II	IK08	198	27650	140	2700	>70	* max +50
13019X.3L54.1X	I	IK08	253	34850	138	2700	>70	* max +50
13019X.3L54.2X	II	IK08	253	34850	138	2700	>70	* max +50

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).

Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).

In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.

Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

Up-to-date product info and General Warranty terms available on our website www.luglightfactory.com

Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

The parameters in the data sheet are given for Ta=25°C.

Code	Protection Class	IK	Luminaire power [W]	Lumen luminaire [lm]	Efficacy [lm/W]	Colour temperature [K]	CRI/Ra	Operating temperature range [°C]
Type: Tilt adjustment (PLUS version): -90° to +15° (O65, O66, O67, O68, O69, O70, O71 optics)								
13019X.3L58.1X	I	IK08	302	40350	134	2700	>70	* max +50
13019X.3L58.2X	II	IK08	302	40350	134	2700	>70	* max +50
13019X.3L49.1X	I	IK08	198	25350	128	2200	>70	* max +50
13019X.3L49.2X	II	IK08	198	25350	128	2200	>70	* max +50
13019X.3L53.1X	I	IK08	253	31900	126	2200	>70	* max +50
13019X.3L53.2X	II	IK08	253	31900	126	2200	>70	* max +50
13019X.3L57.1X	I	IK08	302	36950	122	2200	>70	* max +50
13019X.3L57.2X	II	IK08	302	36950	122	2200	>70	* max +50
Type: Tilt adjustment (PLUS version): -90° to +15° (O58, O59, O60, O61, O62, O63, O64 optics)								
13019X.3L40.1X	I	IK08	200	28800	144	4000	>70	* max +50
13019X.3L40.2X	II	IK08	200	28800	144	4000	>70	* max +50
13019X.3L44.1X	I	IK08	253	36400	144	4000	>70	* max +50
13019X.3L44.2X	II	IK08	253	36400	144	4000	>70	* max +50
13019X.3L48.1X	I	IK08	302	41850	139	4000	>70	* max +50
13019X.3L48.2X	II	IK08	302	41850	139	4000	>70	* max +50
13019X.3L39.1X	I	IK08	200	26600	133	3000	>70	* max +50
13019X.3L39.2X	II	IK08	200	26600	133	3000	>70	* max +50
13019X.3L43.1X	I	IK08	253	33650	133	3000	>70	* max +50
13019X.3L43.2X	II	IK08	253	33650	133	3000	>70	* max +50
13019X.3L47.1X	I	IK08	302	38650	128	3000	>70	* max +50
13019X.3L47.2X	II	IK08	302	38650	128	3000	>70	* max +50
13019X.3L38.1X	I	IK08	200	24100	120	2700	>70	* max +50
13019X.3L38.2X	II	IK08	200	24100	120	2700	>70	* max +50
13019X.3L42.1X	I	IK08	253	30450	120	2700	>70	* max +50
13019X.3L42.2X	II	IK08	253	30450	120	2700	>70	* max +50
13019X.3L46.1X	I	IK08	302	35000	116	2700	>70	* max +50
13019X.3L46.2X	II	IK08	302	35000	116	2700	>70	* max +50
13019X.3L37.1X	I	IK08	200	21650	108	2200	>70	* max +50
13019X.3L37.2X	II	IK08	200	21650	108	2200	>70	* max +50
13019X.3L41.1X	I	IK08	253	27350	108	2200	>70	* max +50
13019X.3L41.2X	II	IK08	253	27350	108	2200	>70	* max +50
13019X.3L45.1X	I	IK08	302	31450	104	2200	>70	* max +50
13019X.3L45.2X	II	IK08	302	31450	104	2200	>70	* max +50

* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).

Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).

In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.

Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

Up-to-date product info and General Warranty terms available on our website www.luglightfactory.com

Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

The parameters in the data sheet are given for Ta=25°C.

Date of issue: 23-11-2020

The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires

13019 □ .3L37.1 □ . 985

Type of luminaires

985 Luminaire with an additional anti-corrosion protection on request

Type of optic

- 18 O58 - for express roads
- 19 O59 - for local roads
- 20 O60 - for town roads
- 21 O61 - for residential area roads
- 22 O62 - for area lighting
- 23 O63 - for town and local roads
- 24 O64 - for municipal and residential area roads
- 25 O65 - for express roads
- 26 O66 - for local roads
- 27 O67 - for town roads
- 28 O68 - for residential area roads
- 29 O69 - for area lighting
- 30 O70 - for town and local roads
- 31 O71 - for municipal and residential area roads

Colour

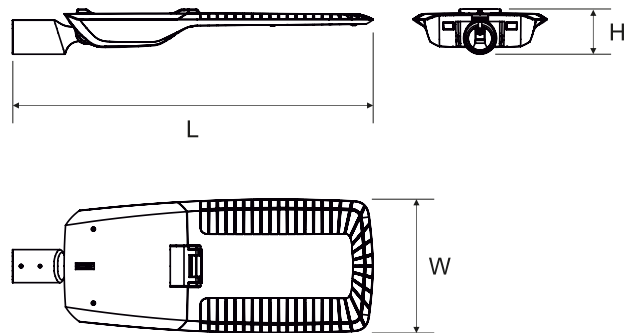
- 2 gray
- 5 graphite

Code	Dimensions [mm] LWH	Mounting dimensions [mm] ØS	Pallet quantity	Quantity in package	Net weight [kg]
Type: Tilt adjustment (PLUS version): -90° to +15° (O65, O66, O67, O68, O69, O70, O71 optics)					

13019X.3L52.1X	890 390 111	76	20	1	15.3
13019X.3L52.2X	890 390 111	76	20	1	15.3
13019X.3L56.1X	890 390 111	76	20	1	17.2
13019X.3L56.2X	890 390 111	76	20	1	17.2
13019X.3L60.1X	890 390 111	76	20	1	17.2
13019X.3L60.2X	890 390 111	76	20	1	17.2
13019X.3L51.1X	890 390 111	76	20	1	15.3
13019X.3L51.2X	890 390 111	76	20	1	15.3
13019X.3L55.1X	890 390 111	76	20	1	17.2
13019X.3L55.2X	890 390 111	76	20	1	17.2
13019X.3L59.1X	890 390 111	76	20	1	17.2
13019X.3L59.2X	890 390 111	76	20	1	17.2
13019X.3L50.1X	890 390 111	76	20	1	15.3
13019X.3L50.2X	890 390 111	76	20	1	15.3
13019X.3L54.1X	890 390 111	76	20	1	17.2
13019X.3L54.2X	890 390 111	76	20	1	17.2
13019X.3L58.1X	890 390 111	76	20	1	17.2
13019X.3L58.2X	890 390 111	76	20	1	17.2
13019X.3L49.1X	890 390 111	76	20	1	15.3
13019X.3L49.2X	890 390 111	76	20	1	15.3
13019X.3L53.1X	890 390 111	76	20	1	17.2
13019X.3L53.2X	890 390 111	76	20	1	17.2
13019X.3L57.1X	890 390 111	76	20	1	17.2
13019X.3L57.2X	890 390 111	76	20	1	17.2

Type: Tilt adjustment (PLUS version): -90° to +15° (O58, O59, O60, O61, O62, O63, O64 optics)

13019X.3L40.1X	890 390 111	76	20	1	15.3
13019X.3L40.2X	890 390 111	76	20	1	15.3
13019X.3L44.1X	890 390 111	76	20	1	17.2
13019X.3L44.2X	890 390 111	76	20	1	17.2



* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).

Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).

In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.

Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

Up-to-date product info and General Warranty terms available on our website www.luglightfactory.com

Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

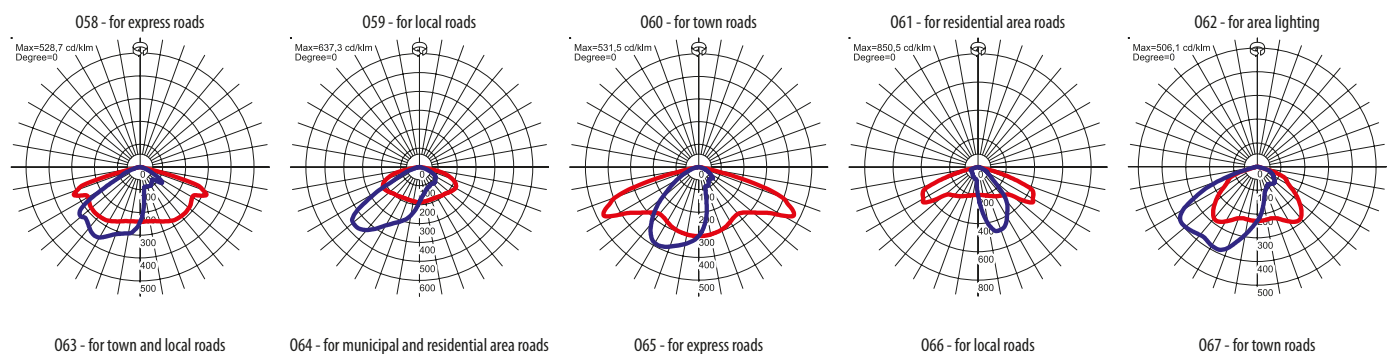
The parameters in the data sheet are given for Ta=25°C.

Code	Dimensions [mm] L W H	Mounting dimensions [mm] ØS	Pallet quantity	Quantity in package	Net weight [kg]
Type: Tilt adjustment (PLUS version): -90° to +15° (O58, O59, O60, O61, O62, O63, O64 optics)					
13019X.3L48.1X	890 390 111	76	20	1	17.2
13019X.3L48.2X	890 390 111	76	20	1	17.2
13019X.3L39.1X	890 390 111	76	20	1	15.3
13019X.3L39.2X	890 390 111	76	20	1	15.3
13019X.3L43.1X	890 390 111	76	20	1	17.2
13019X.3L43.2X	890 390 111	76	20	1	17.2
13019X.3L47.1X	890 390 111	76	20	1	17.2
13019X.3L47.2X	890 390 111	76	20	1	17.2
13019X.3L38.1X	890 390 111	76	20	1	15.3
13019X.3L38.2X	890 390 111	76	20	1	15.3
13019X.3L42.1X	890 390 111	76	20	1	17.2
13019X.3L42.2X	890 390 111	76	20	1	17.2
13019X.3L46.1X	890 390 111	76	20	1	17.2
13019X.3L46.2X	890 390 111	76	20	1	17.2
13019X.3L37.1X	890 390 111	76	20	1	15.3
13019X.3L37.2X	890 390 111	76	20	1	15.3
13019X.3L41.1X	890 390 111	76	20	1	17.2
13019X.3L41.2X	890 390 111	76	20	1	17.2
13019X.3L45.1X	890 390 111	76	20	1	17.2
13019X.3L45.2X	890 390 111	76	20	1	17.2

OTHER PICTURES



LIGHT BEAM CURVES



* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).

Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).

In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.

Luminous flux tolerance +/- 10%.

Power tolerance +/- 5%.

Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.

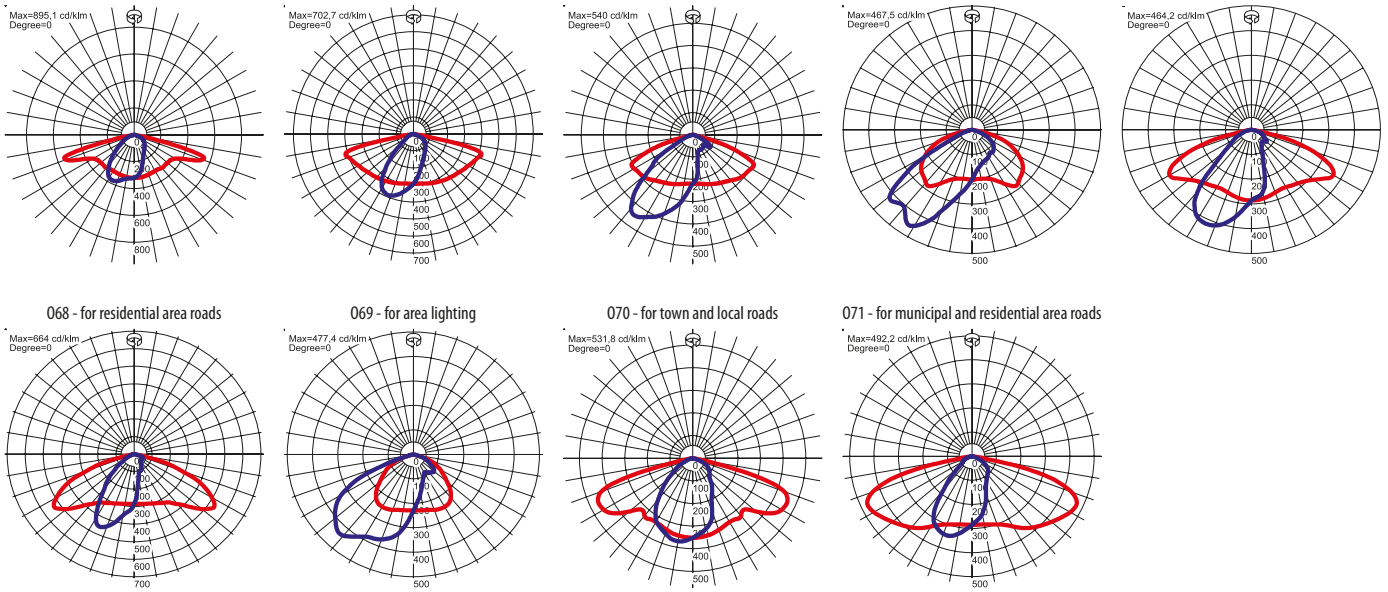
Up-to-date product info and General Warranty terms available on our website www.luglightfactory.com

Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.

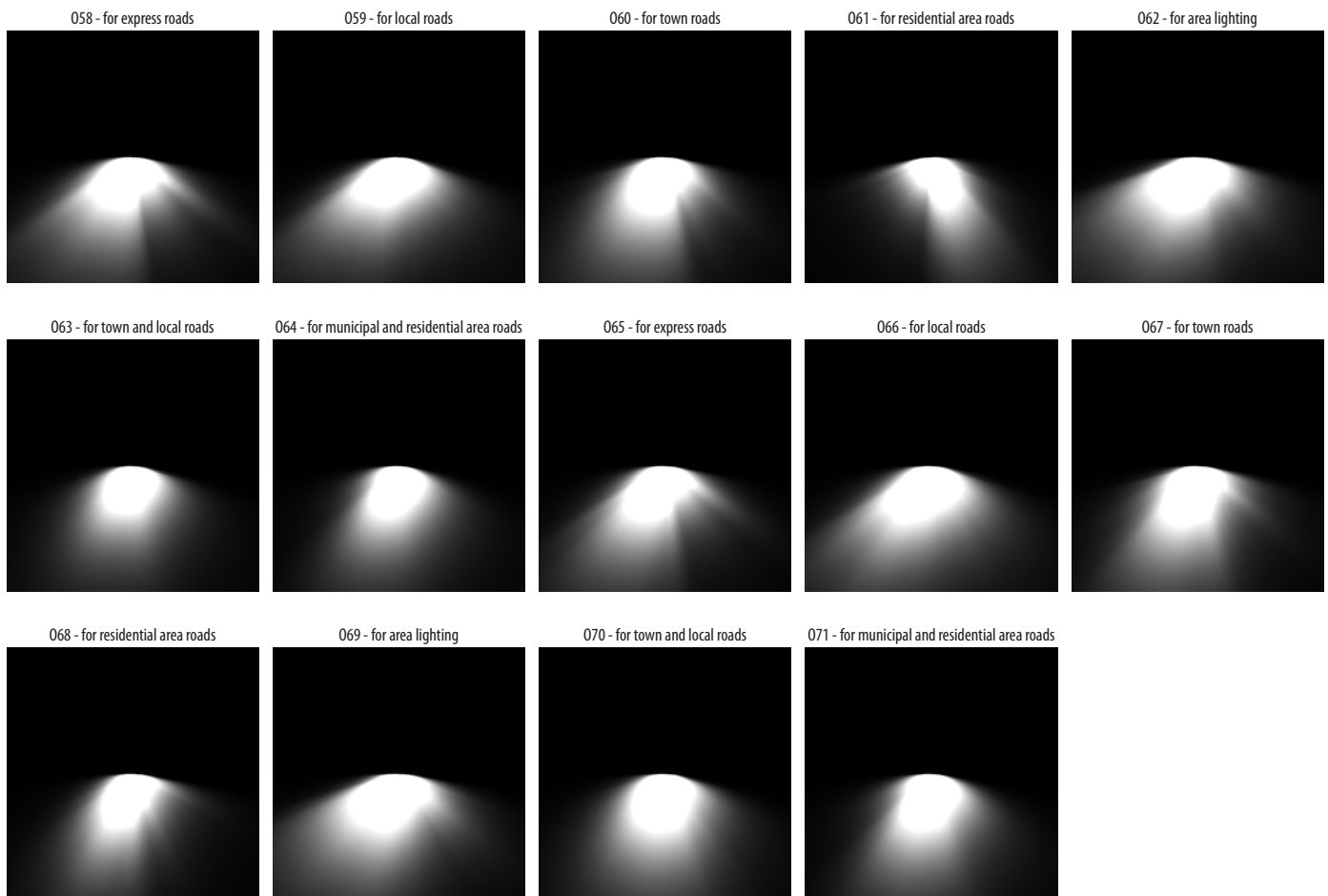
The parameters in the data sheet are given for Ta=25°C.

Date of issue: 23-11-2020

The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires



WAY OF LIGHTING



* Lower temperature range: -40°C to -20°C, depending on the type of power supply used (consultation with the LUG Technical Preparation of Production Branch is required).
 Please note that the standard luminaire is not intended for use in an environment with an increased corrosivity category. The use of the luminaire for work in an environment for which additional corrosion protection is necessary requires the use of an index with the extension .985 (on request).
 In order to apply the luminaire in an aggressive environment, for example with an increased concentration of sulfur, salt or other aggressive substances, a consultation with the LUG Technical Preparation of Production Branch is required.
 Luminous flux tolerance +/- 10%.
 Power tolerance +/- 5%.
 Lighting beam, light intensity distribution and light efficiency were examined in accordance with the EN ISO 17025:2005 norm for EN13032 norm series and the LM-79 norm.
 Up-to-date product info and General Warranty terms available on our website www.luglightfactory.com
 Detailed information on luminous fluxes and powers for individual indexes are indicated on the product data sheet.
 The parameters in the data sheet are given for Ta=25°C.