



E-CORE PAR20 / PAR30 / PAR38

The E-CORE PAR range's performance class, beam distribution characteristics and light quality leave no lighting wish unanswered. With its high efficiency, it provides the suitable way in to contemporary room lighting.

Application:

- + Accent Lighting
- + Display Lighting

Product details

- + Stylish lamp with E27 base
- + Highly efficient and energy saving
- + Dimmable
- + Focused light with different beam angles
- + Mercury free
- + Instant light
- + Reduction of energy consumption of up to 85%
- + Low IR or UV radiation
- + Life time up to 40,000 hours
- + Pleasant warm or cool white light
- + Good illumination thanks to precisely focussed light

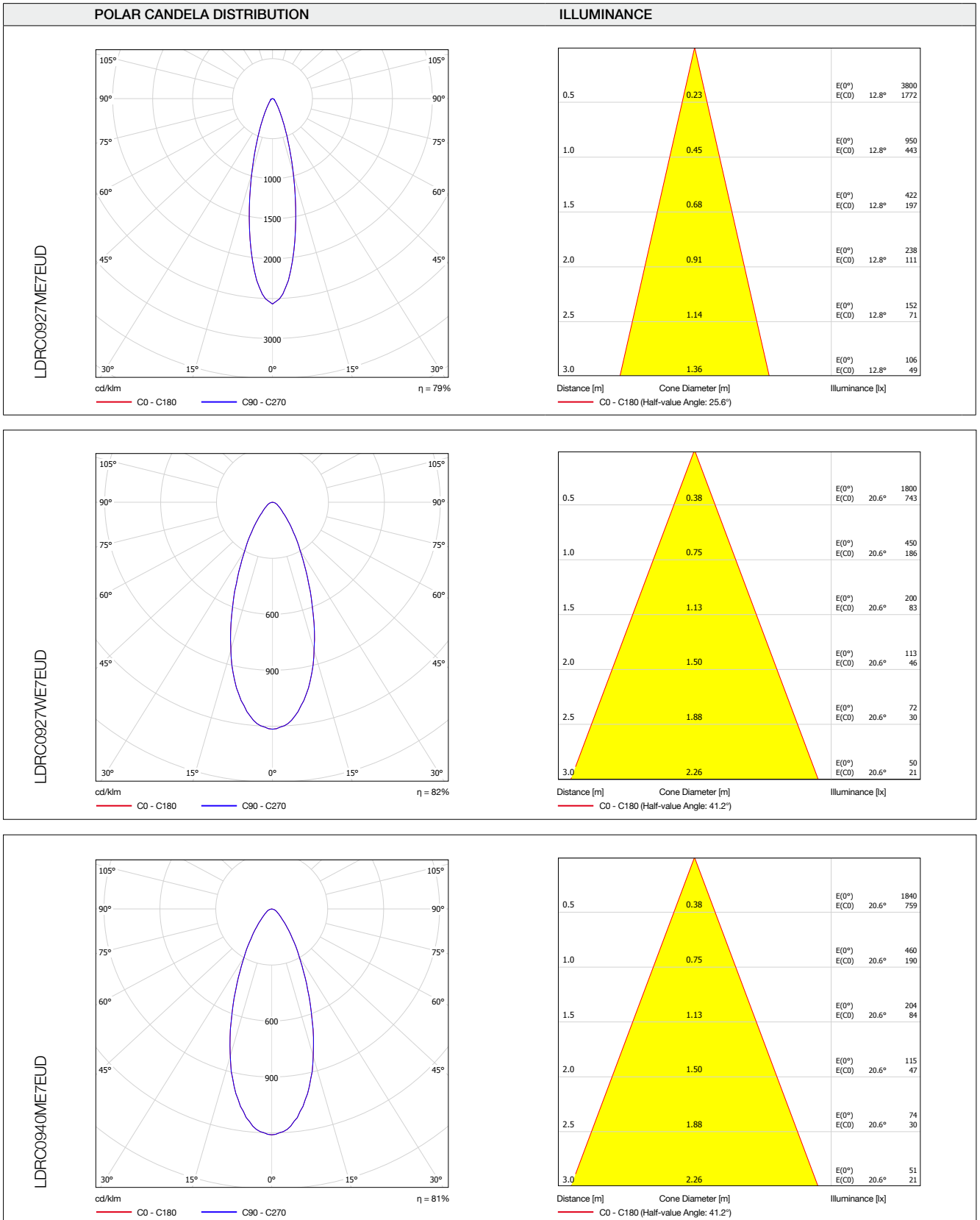
Optical parameters

MODEL NAME	E-CORE PAR20 9W		
Product code	LDRC0927ME7EUD	LDRC0927WE7EUD	LDRC0940ME7EUD
Luminous flux (lm)	370	370W	380
Colour description	Warm white	Warm white	Neutral white
Colour temperature (K)	2700	2700	4000
Colour rendering index (Ra)	80	80	80
Beam angle	25°	40°	40°
Luminous intensity (cd)	950	450	460
Lamp efficacy (lm/W)	41.1	41.1	42.2

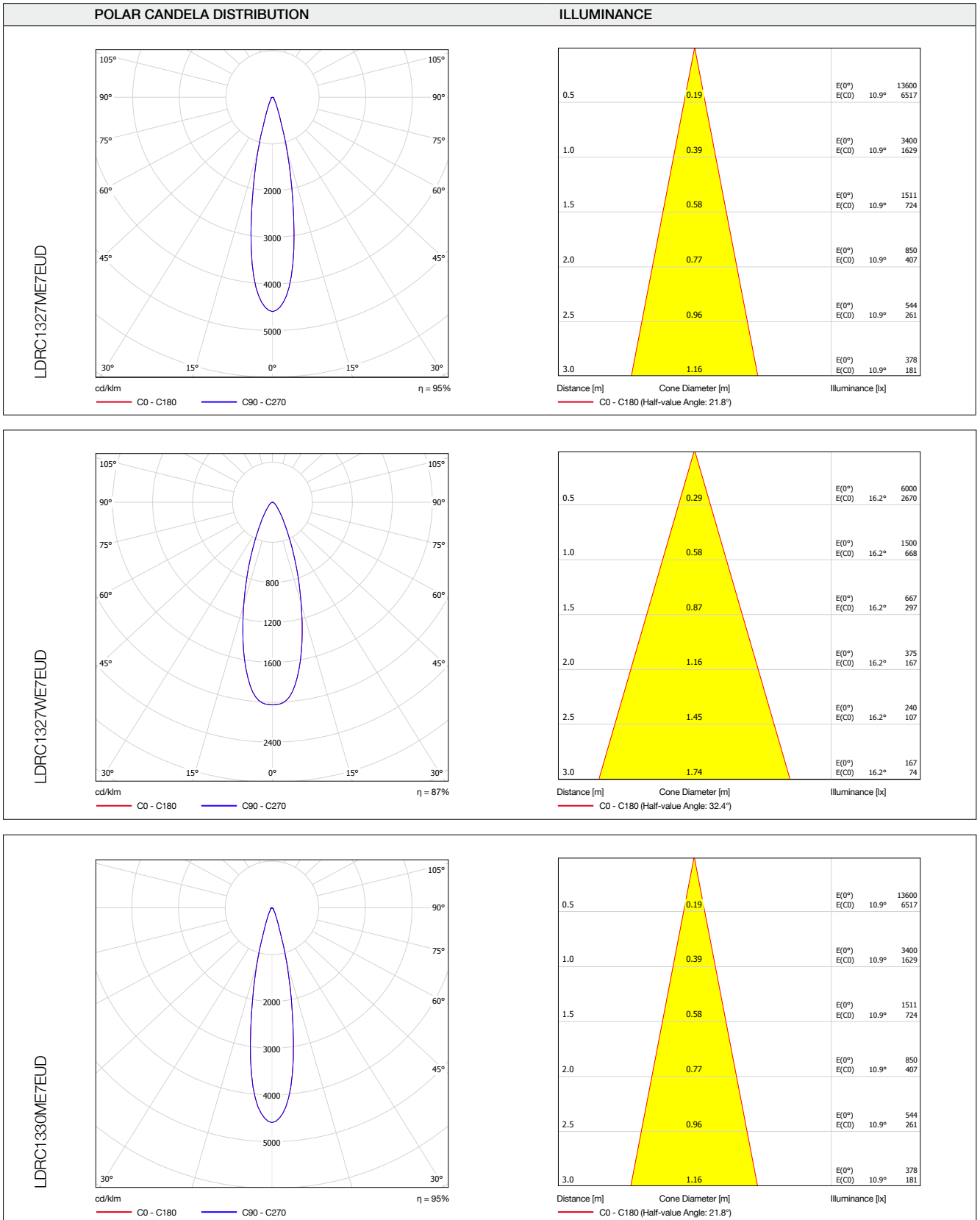
MODEL NAME	E-CORE PAR30 14W			
Product code	LDRC1327ME7EUD / LDRC1327WE7EUD	LDRC1330ME7EUD / LDRC1330WE7EUD	LDRC1340ME7EUD / LDRC1340WE7EUD	LDRC1365ME7EUD / LDRC1365WE7EUD
Luminous flux (lm)	770	780	780	780
Colour description	Warm white	Warm white	Neutral white	Cool white
Colour temperature (K)	2700	3000	4000	6500
Colour rendering index (Ra)	80	80	80	65
Beam angle	23° / 32°	23° / 32°	23° / 32°	23° / 32°
Luminous intensity (cd)	3,400 / 1,500	3,400 / 1,600	3,400 / 1,600	3,400 / 1,600
Lamp efficacy (lm/W)	55	55.7	55.7	55.7

MODEL NAME	E-CORE PAR38 18,8W			
Product code	LDRC1627ME7EUD2 / LDRC1627WE7EUD2	LDRC1630ME7EUD2 / LDRC1630WE7EUD2	LDRC1640ME7EUD2 / LDRC1640WE7EUD2	LDRC1665ME7EUD2 / LDRC1665WE7EUD2
Luminous flux (lm)	950	980	980	980
Colour description	Warm white	Warm white	Neutral white	Cool white
Colour temperature (K)	2700	3000	4000	6500
Colour rendering index (Ra)	80	80	80	65
Beam angle	25° / 35°	25° / 35°	25° / 35°	25° / 35°
Luminous intensity (cd)	3,200 / 1,650	3,300 / 1,700	3,300 / 1,700	3,300 / 1,700
Lamp efficacy (lm/W)	50.5	52.1	52.1	52.1

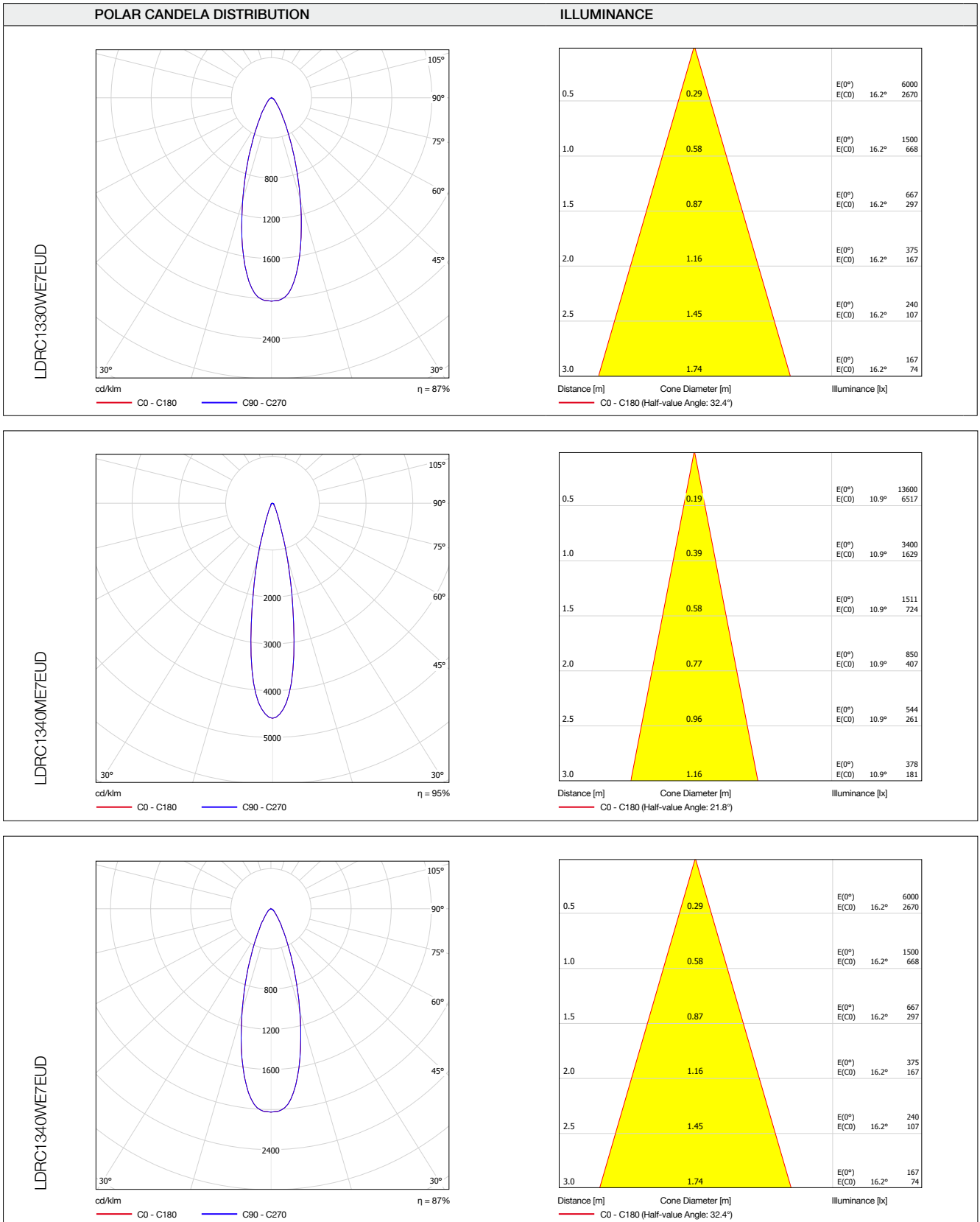
Optical parameters for E-CORE PAR20 9W



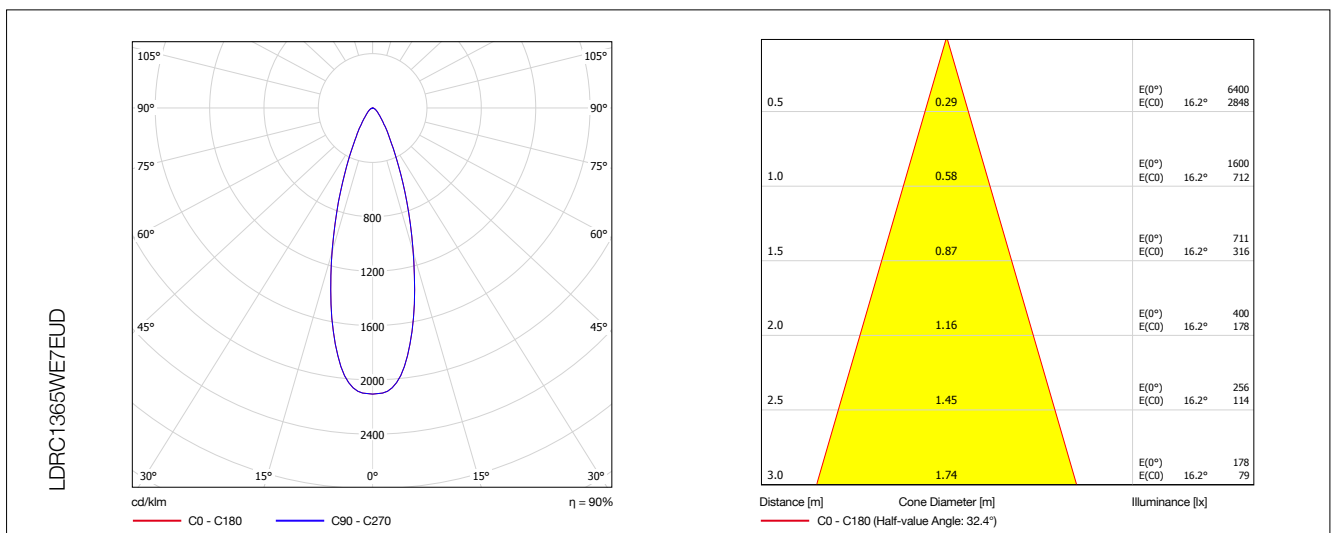
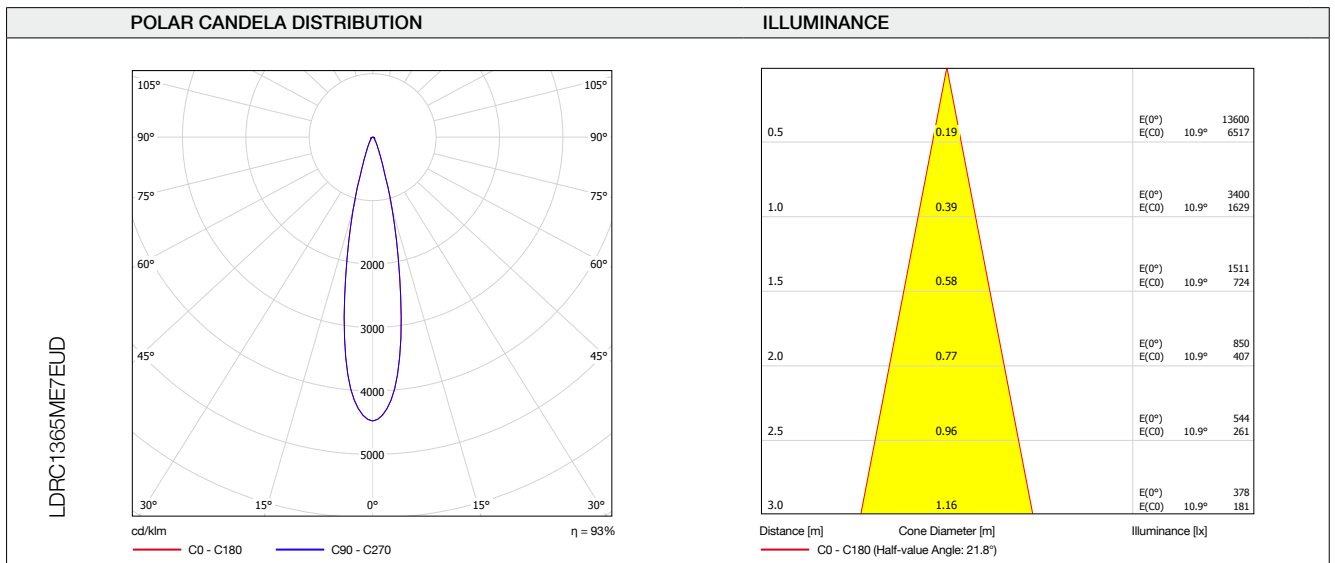
Optical parameters for E-CORE PAR30 14W



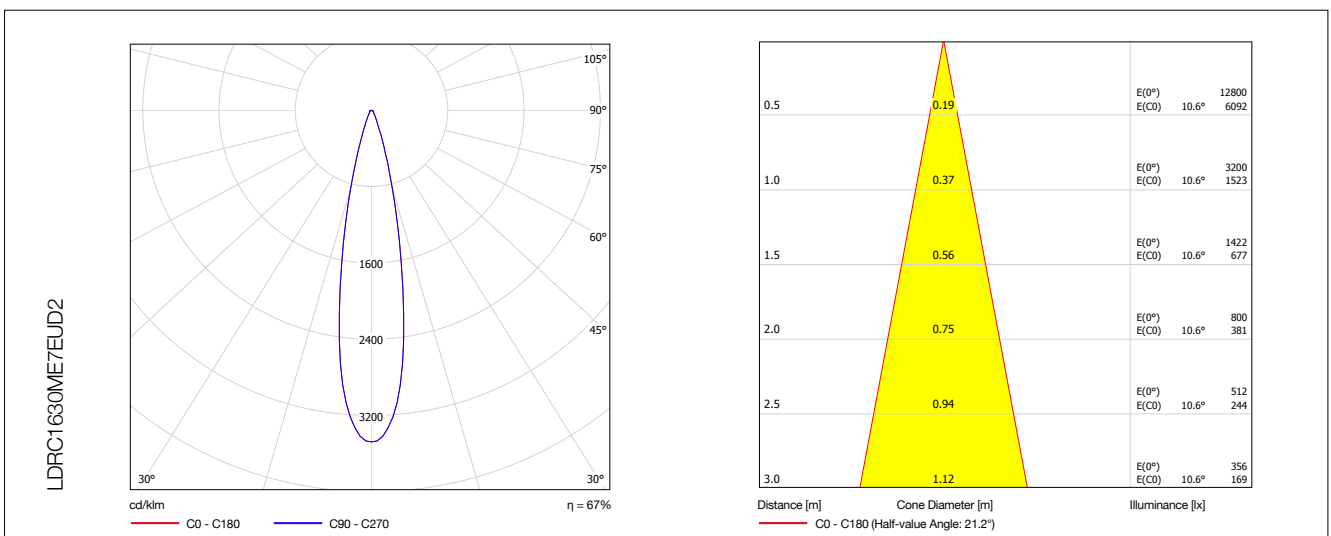
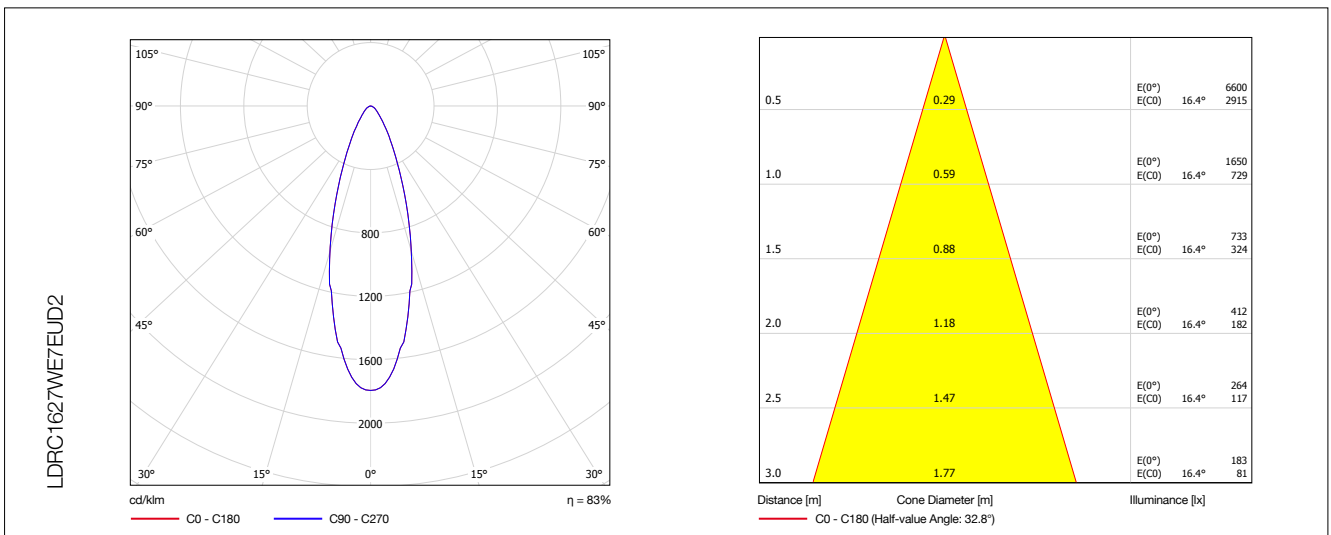
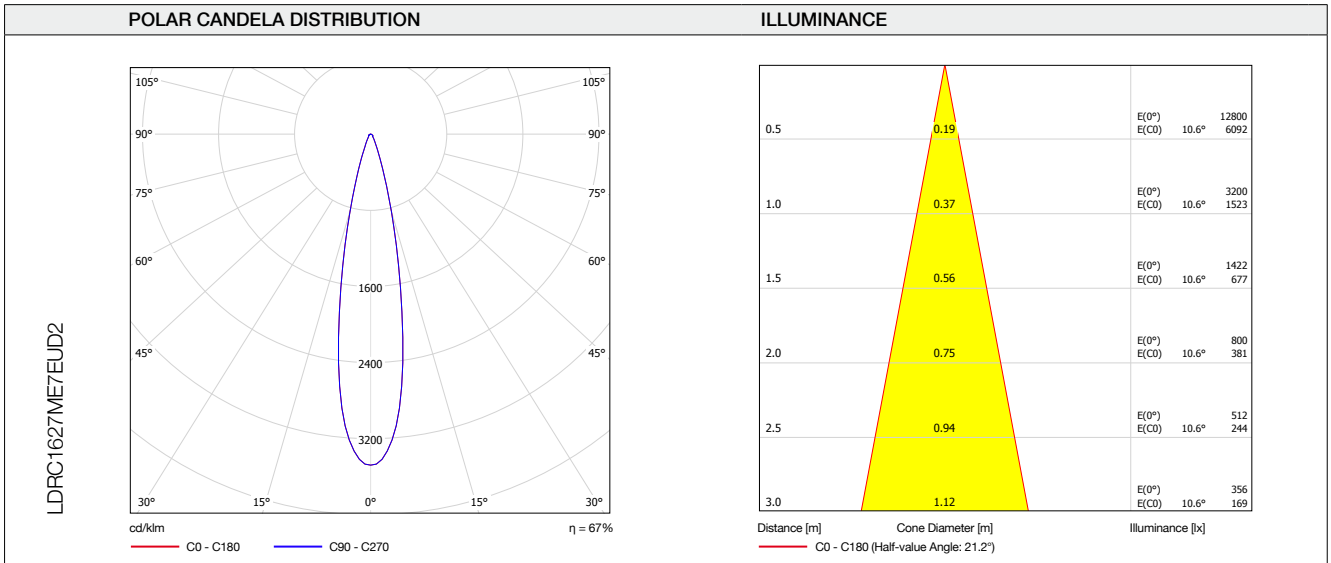
Optical parameters for E-CORE PAR30 14W



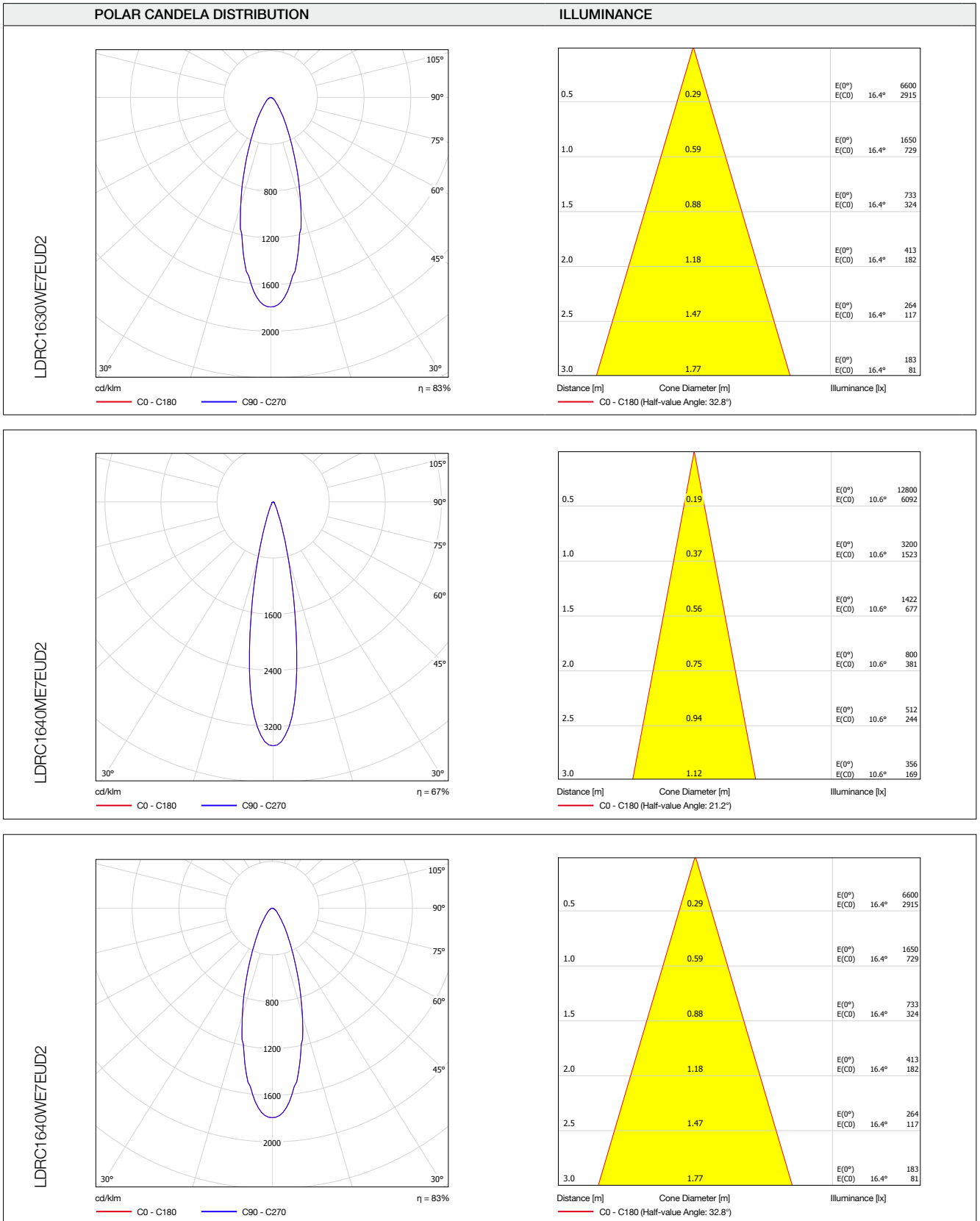
Optical parameters for E-CORE PAR30 14W



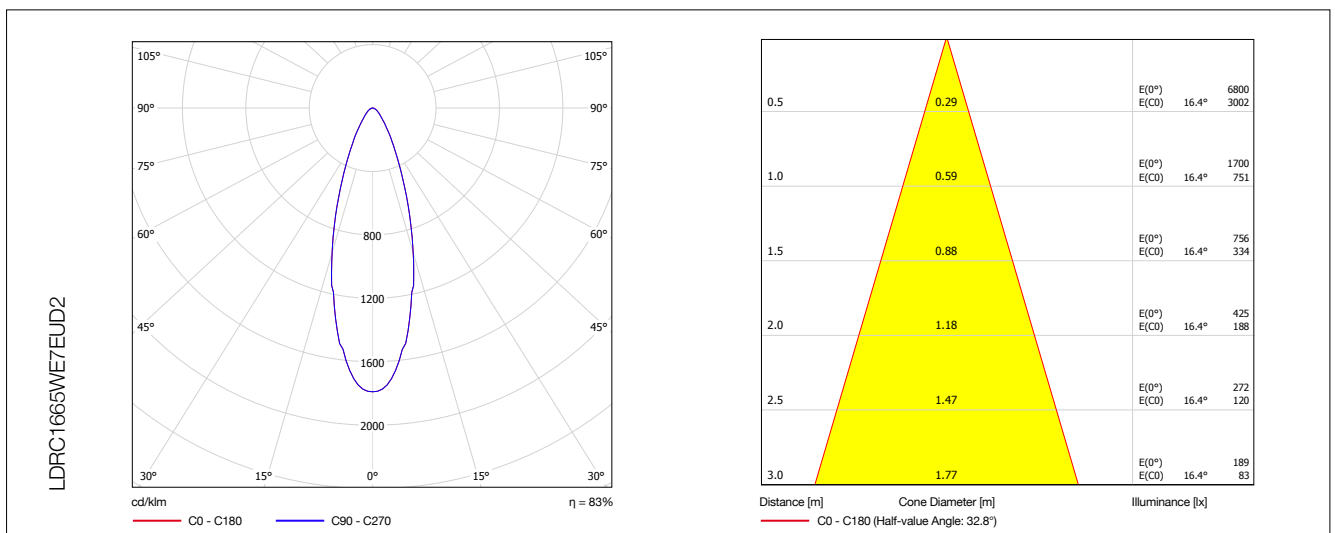
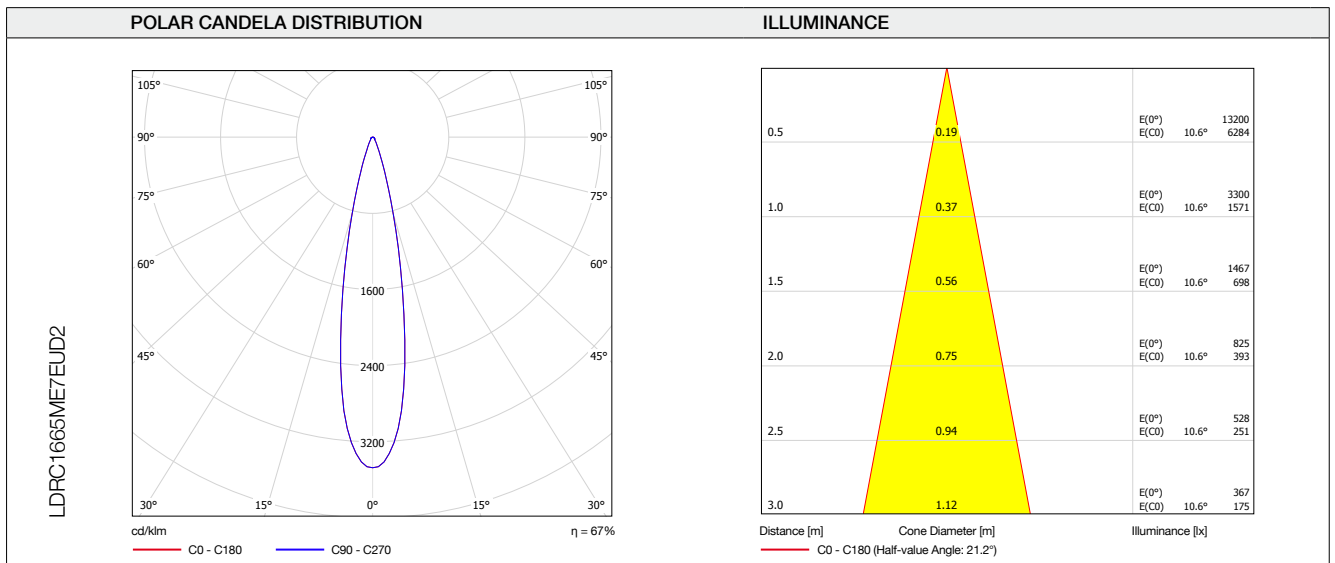
Optical parameters for E-CORE PAR38 18,8W



Optical parameters for E-CORE PAR38 18,8W



Optical parameters for E-CORE PAR38 18,8W



Electrical parameters

MODEL NAME	E-CORE PAR20 9W		
Product code	LDRC0927ME7EUD	LDRC0927WE7EUD	LDRC0940ME7EUD
Rated voltage (V)	220-240 V	220-240 V	220-240 V
Rated wattage (W)	9	9	9
Frequency (Hz)	50 / 60	50 / 60	50 / 60
Rated input current (mA)	49	49	49
Power factor	0.80	0.80	0.80
Switch-on time (s)	<0.5	<0.5	<0.5
Switching cycles	>20,000	>20,000	>20,000
Rated lifetime (h)	40,000	40,000	40,000
Dimming*	Yes, 10-100%	Yes, 10-100%	Yes, 10-100%

MODEL NAME	E-CORE PAR30 14W			
Product code	LDRC1327ME7EUD / LDRC1327WE7EUD	LDRC1330ME7EUD / LDRC1330WE7EUD	LDRC1340ME7EUD / LDRC1340WE7EUD	LDRC1365ME7EUD / LDRC1365WE7EUD
Rated voltage (V)	220-240 V	220-240 V	220-240 V	220-240 V
Rated wattage (W)	14	14	14	14
Frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Rated input current (mA)	78	78	78	78
Power factor	0.78	0.78	0.78	0.78
Switch-on time (s)	<0.5	<0.5	<0.5	<0.5
Switching cycles	>20,000	>20,000	>20,000	>20,000
Rated lifetime (h)	40,000	40,000	40,000	40,000
Dimming*	Yes, 10-100%	Yes, 10-100%	Yes, 10-100%	Yes, 10-100%

MODEL NAME	E-CORE PAR38 18,8W			
Product code	LDRC1627ME7EUD2 / LDRC1627WE7EUD2	LDRC1630ME7EUD2 / LDRC1630WE7EUD2	LDRC1640ME7EUD2 / LDRC1640WE7EUD2	LDRC1665ME7EUD2 / LDRC1665WE7EUD2
Rated voltage (V)	220-240 V	220-240 V	220-240 V	220-240 V
Rated wattage (W)	18.8	18.8	18.8	18.8
Frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Rated input current (mA)	100	100	100	100
Power factor	0.82	0.82	0.82	0.82
Switch-on time (s)	<0.5	<0.5	<0.5	<0.5
Switching cycles	>20,000	>20,000	>20,000	>20,000
Rated lifetime (h)	40,000	40,000	40,000	40,000
Dimming*	Yes, 10-100%	Yes, 10-100%	Yes, 10-100%	Yes, 10-100%

* Dimmable on suitable dimmers.

Mechanical parameters

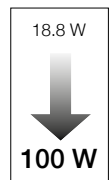
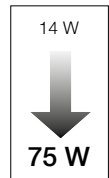
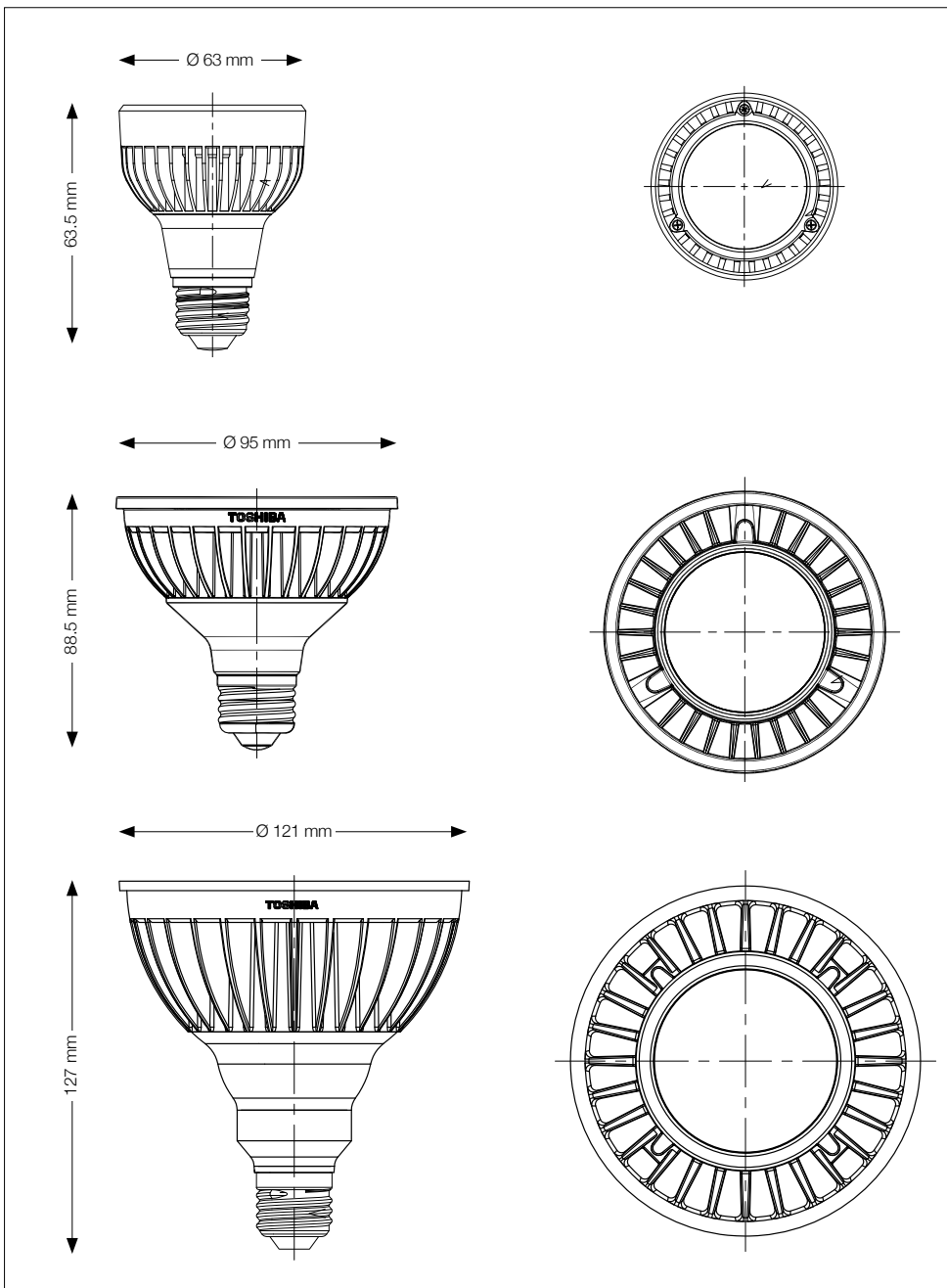
MODEL NAME	E-CORE PAR20 9W		
Product code	LDRC0927ME7EUD	LDRC0927WE7EUD	LDRC0940ME7EUD
Overall length (mm)	63.5	63.5	63.5
Diameter (mm)	63	63	63
Net weight (g)	200	200	200
Cap	E27	E27	E27

MODEL NAME	E-CORE PAR30 14W			
Product code	LDRC1327ME7EUD / LDRC1327WE7EUD	LDRC1330ME7EUD / LDRC1330WE7EUD	LDRC1340ME7EUD / LDRC1340WE7EUD	LDRC1365ME7EUD / LDRC1365WE7EUD
Overall length (mm)	88.5	88.5	88.5	88.5
Diameter (mm)	95	95	95	95
Net weight (g)	310	310	310	310
Cap	E27	E27	E27	E27

MODEL NAME	E-CORE PAR38 18,8W			
Product code	LDRC1627ME7EUD2 / LDRC1627WE7EUD2	LDRC1630ME7EUD2 / LDRC1630WE7EUD2	LDRC1640ME7EUD2 / LDRC1640WE7EUD2	LDRC1665ME7EUD2 / LDRC1665WE7EUD2
Overall length (mm)	122	122	122	122
Diameter (mm)	135	135	135	135
Net weight (g)	525	525	525	525
Cap	E27	E27	E27	E27

* Dimmable on suitable dimmers.

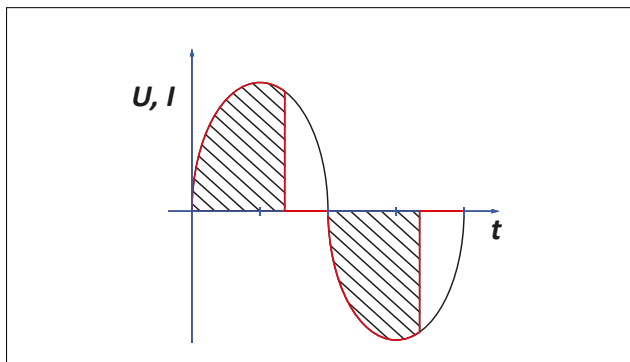
Drawings



According to
ErP 1194/2012

Dimmability

The LED-Lamps can be dimmed in a range of 10%-100% by Trailing-edge dimmers. A general compatibility to all dimmers can't be granted. A list of recommended dimmers can be found on our website www.toshiba.eu/lighting.



RECOMMENDED DIMMERS FOR MAX. 8 LAMPS WITH A DIMMING OF 10 %-100 %:

Busch-Jäger 6513U-102 40-420W
RVE RV5

Hager EV100 1000W

Jung 225T DE

LED lamps are not resistive loads for the dimmers and therefore the power rating of the dimmer can't be directly converted. Incompatibilities between LED lamp and dimmer are expressed as flickering and restrictions in the dimming range.

Logistic data

PRODUCT CODE / PAR20 9W	EAN/ITF CODE	PACKAGING TYPE	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LDRC0927ME7EUD	4974550426756	Gift box (1pce)	72 x 72 x 110	240
	24974550426740	Carton (10pcs)	367 x 151 x 110	2,600
LDRC0927WE7EUD	4974550426763	Gift box (1pce)	72 x 72 x 110	240
	24974550426767	Carton (10pcs)	367 x 151 x 110	2,600
LDRC0940ME7EUD	4974550426770	Gift box (1pce)	72 x 72 x 110	240
	24974550426774	Carton (10pcs)	367 x 151 x 110	2,600

* Some Dimmers may cause flickering and no dimming at lower level. When the dimmer is connected to numerous lamps, it may not be possible to dim the light to the lowest possible levels. Respective timing on dimming each lamp may differ. When turning on the lamp from 100% dimming, the lamp may not turn back on. Increase dimmer to higher level until lamp turns on.

Logistic data

PRODUCT CODE / PAR30 16W	EAN/ITF CODE	PACKAGING TYPE	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LDRC1327ME7EUD	4974550459778	Gift box (1pce)	112 x 112 x 113	390
	24974550459772	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459775	Carton (12pcs)	354 x 242 x 265	5,600
LDRC1327WE7EUD	4974550459785	Gift box (1pce)	112 x 112 x 113	390
	24974550459789	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459782	Carton (12pcs)	354 x 242 x 265	5,600
LDRC1330ME7EUD	4974550459792	Gift box (1pce)	112 x 112 x 113	390
	24974550459796	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459799	Carton (12pcs)	354 x 242 x 265	5,600
LDRC1330WE7EUD	4974550459808	Gift box (1pce)	112 x 112 x 113	390
	24974550459802	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459805	Carton (12pcs)	354 x 242 x 265	5,600
LDRC1340ME7EUD	4974550459815	Gift box (1pce)	112 x 112 x 113	390
	24974550459819	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459812	Carton (12pcs)	354 x 242 x 265	5,600
LDRC1340WE7EUD	4974550459822	Gift box (1pce)	112 x 112 x 113	390
	24974550459826	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459829	Carton (12pcs)	354 x 242 x 265	5,600
LDRC1365ME7EUD	4974550459839	Gift box (1pce)	112 x 112 x 113	390
	24974550459833	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459836	Carton (12pcs)	354 x 242 x 265	5,600
LDRC1365WE7EUD	4974550459846	Gift box (1pce)	112 x 112 x 113	390
	24974550459840	Carton (6pcs)	343 x 231 x 123	2,600
	14974550459843	Carton (12pcs)	354 x 242 x 265	5,600

PRODUCT CODE / PAR38 18.8W	EAN/ITF CODE	PACKAGING TYPE	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LDRC1627ME7EUD2	4974550459853	Gift box (1pce)	137 x 137 x 146	640
	24974550459857	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459850	Carton (12pcs)	429 x 292 x 329	8,800
LDRC1627WE7EUD2	4974550459860	Gift box (1pce)	137 x 137 x 146	640
	24974550459864	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459867	Carton (12pcs)	429 x 292 x 329	8,800
LDRC1630ME7EUD2	4974550459877	Gift box (1pce)	137 x 137 x 146	640
	24974550459871	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459874	Carton (12pcs)	429 x 292 x 329	8,800
LDRC1630WE7EUD2	4974550459884	Gift box (1pce)	137 x 137 x 146	640
	24974550459888	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459881	Carton (12pcs)	429 x 292 x 329	8,800
LDRC1640ME7EUD2	4974550459891	Gift box (1pce)	137 x 137 x 146	640
	24974550459895	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459898	Carton (12pcs)	429 x 292 x 329	8,800
LDRC1640WE7EUD2	4974550459907	Gift box (1pce)	137 x 137 x 146	640
	24974550459901	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459904	Carton (12pcs)	429 x 292 x 329	8,800
LDRC1665ME7EUD2	4974550459914	Gift box (1pce)	137 x 137 x 146	640
	24974550459918	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459911	Carton (12pcs)	429 x 292 x 329	8,800
LDRC1665WE7EUD2	4974550459921	Gift box (1pce)	137 x 137 x 146	640
	24974550459925	Carton (6pcs)	418 x 281 x 155	4,200
	14974550459928	Carton (12pcs)	429 x 292 x 329	8,800

Handling and safety information

- + Do not cover the lamp with paper, cloth or other easily flammable materials
- + Do not expose the lamp to water or high humidity
- + Avoid additional mechanical stress on the lamp
- + Do not touch the lamp during or shortly after usage. Risk of burn!
- + Use only with recommended drivers
- + Ambient temperature range: +5 °C to +40 °C
- + Do not look directly into the lamp
- + Do not spray pesticide on this lamp
- + Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting