



Toshiba New Lighting Systems

AKARI

*“Lighting the way to warmth and harmony
with people and environment”*

E - CORE™ LED Einbauleuchten Serie

DOWN LIGHT-Produktpalette

Professionelle LED-Einbauleuchten



E-CORE™ 500 - 900 - 2000



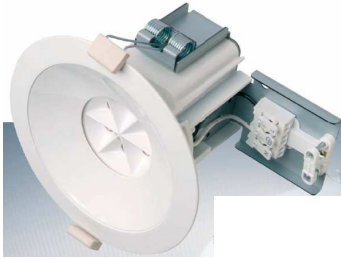



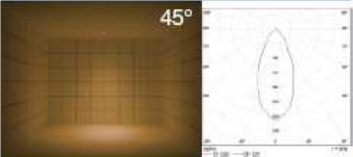

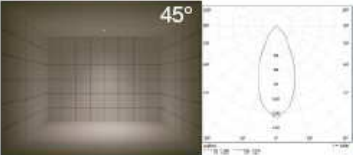

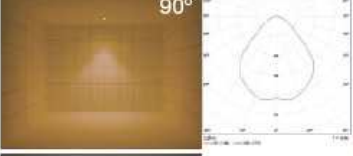

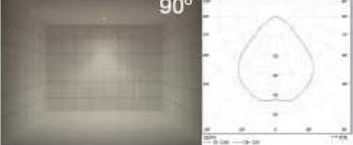
E-CORE™ 500, 900, 2000



TOSHIBA E-CORE DOWNLIGHT Series										
Modell	E-CORE 500				E-CORE 900				E-CORE 2000	
Artikel Bezeichnung	LEDD-66001L-LS24EU	LEDD-66001W-LS24EU	LEDD-66003L-LS24EU	LEDD-66003W-LS24EU	LEDD-70001L-LS24EU	LEDD-70001W-LS24EU	LEDD-70003L-LS24EU	LEDD-70003W-LS24EU	LEDD-20001L-LS924EU	LEDD-20001W-LS24EU
Farbtemperatur (K)	2.700	4.000	2.700	4.000	2.700	4.000	2.700	4.000	2.700	4.000
Lichtstrom (lm)	300	340	310	350	615	695	635	720	1.295	1.460
Farbwiedergabe (CRI)	80									
Durchmesser/Höhe Leuchte (mm)	φ125×100h				φ150×140h				φ150×80h	
Einbauloch (mm)	φ125				φ150				φ150	
Spannung / Leistungsaufnahme	220-240V 7.2 W				220-240V 14.1W				220-240V 26W	
Lebensdauer (h)	40.000				40.000				40.000	
T _a	30°C									
Gewicht (g)	600g				1300g				1400g	
Standards	RoHS, REACH, PFOS, EUP, WEEE, 2005/20/EC									
IP	IP20									
IK	Approval of IK03 level									
Insulation class	Class 1									
glow wire temperature	850°C (Front Cover)									
Abstrahlwinkel	90°		45°		85°		40°		85°	
Cut Off Angle	28°		40°		27°		43°		31°	

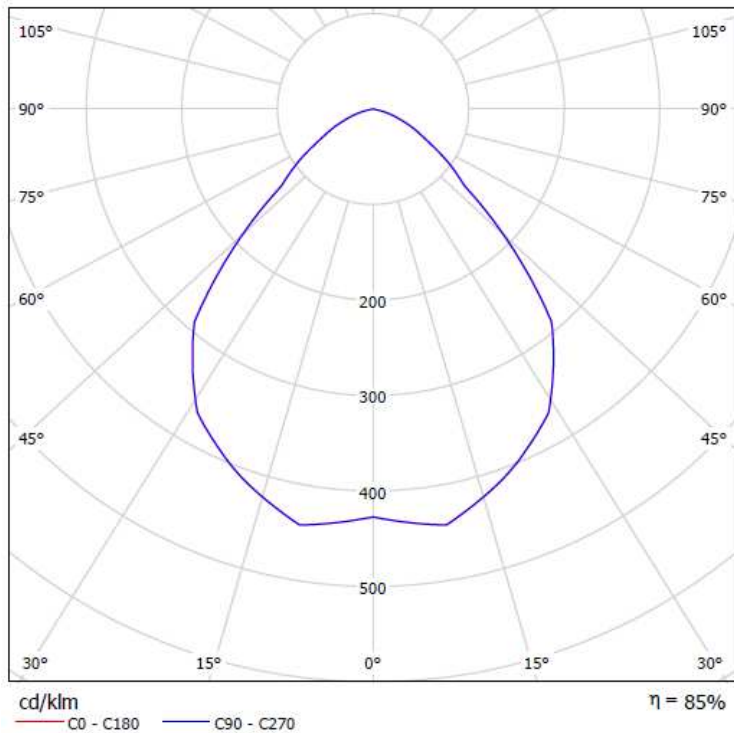
Spezifikation E-CORE™ 500



	Produktcode	Leistung	Farb-temperatur	Strahlwinkel	Strom	Lebensdauer	IRC
	E-core 500 2700/45 LEDD-66003L-LS24EU	7,2 W	2.700 °K	45° 	310 lm	40.000 h	80
	E-core 500 4000/45 LEDD-66003W-LS24EU	7,2 W	4.000 °K	45° 	350 lm	40.000 h	80
	E-core 500 2700/90 LEDD-66001L-LS24EU	7,2 W	2.700 °K	90° 	300 lm	40.000 h	80
	E-core 500 4000/90 LEDD-66001W-LS24EU	7,2 W	4.000 °K	90° 	340 lm	40.000 h	80

Spezifikation E-CORE™ 500

TOSHIBA LEDD-60001W-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



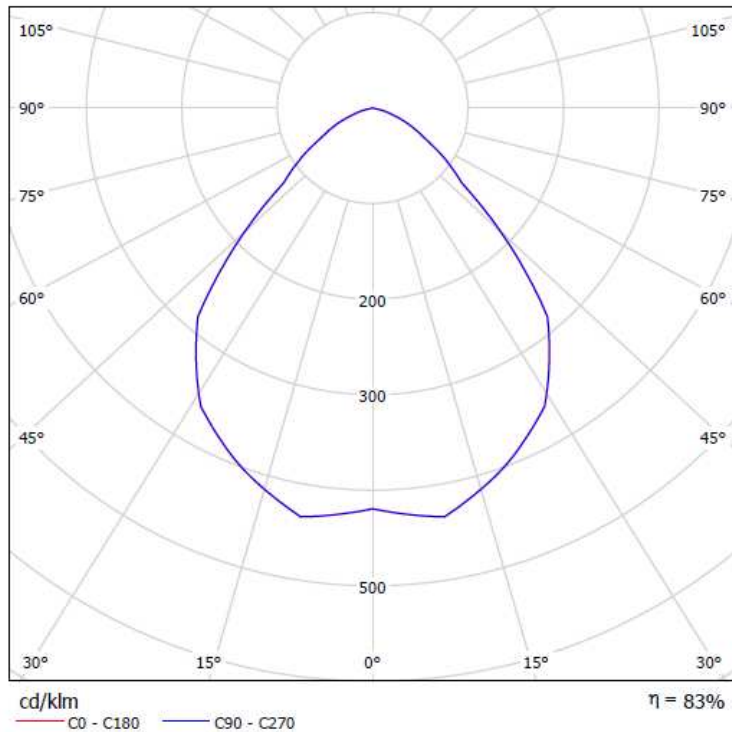
0.5	0.97	E(0°) E(C0)	44.1°	692 133
1.0	1.94	E(0°) E(C0)	44.1°	173 33
1.5	2.91	E(0°) E(C0)	44.1°	77 15
2.0	3.88	E(0°) E(C0)	44.1°	43 8
2.5	4.85	E(0°) E(C0)	44.1°	28 5
3.0	5.81	E(0°) E(C0)	44.1°	19 4

Distance [m] Cone Diameter [m] Illuminance [lx]
 — C0 - C180 (Half-value Angle: 88.2°)

Luminaire classification according to UTE: 0.85C
 CIE flux code: 67 93 99 100 85

Spezifikation E-CORE™ 500

TOSHIBA LEDD-60001L-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.97	E(0°) E(C0)	44.1°	604 116
1.0	1.94	E(0°) E(C0)	44.1°	151 29
1.5	2.91	E(0°) E(C0)	44.1°	67 13
2.0	3.88	E(0°) E(C0)	44.1°	38 7
2.5	4.85	E(0°) E(C0)	44.1°	24 5
3.0	5.81	E(0°) E(C0)	44.1°	17 3

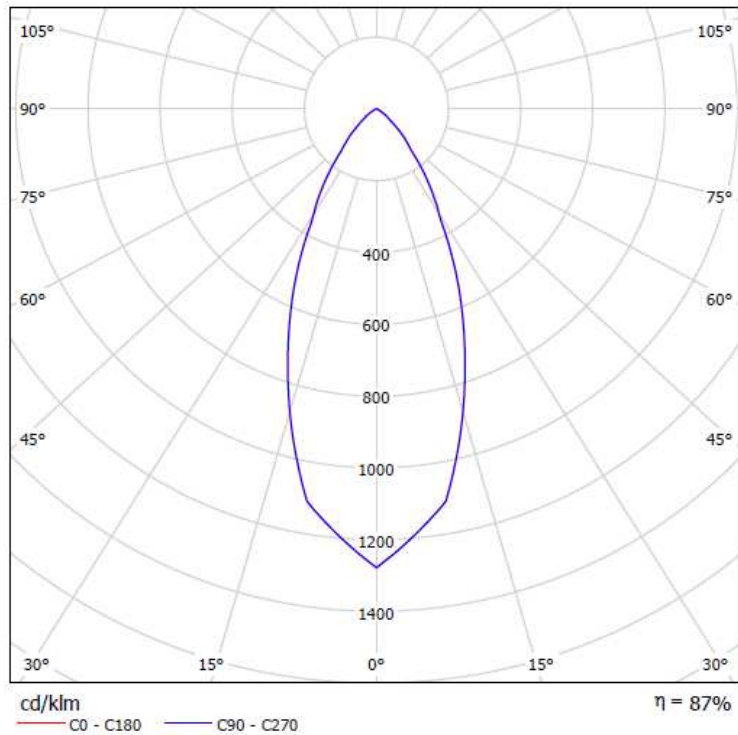
Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 88.2°)

Luminaire classification according to UTE: 0.83C
CIE flux code: 67 93 99 100 84

Spezifikation E-CORE™ 500

TOSHIBA LEDD-60003W-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.41	E(0°) E(C0)	22.1°	2070 824
1.0	0.81	E(0°) E(C0)	22.1°	518 206
1.5	1.22	E(0°) E(C0)	22.1°	230 92
2.0	1.62	E(0°) E(C0)	22.1°	129 52
2.5	2.03	E(0°) E(C0)	22.1°	83 33
3.0	2.44	E(0°) E(C0)	22.1°	58 23

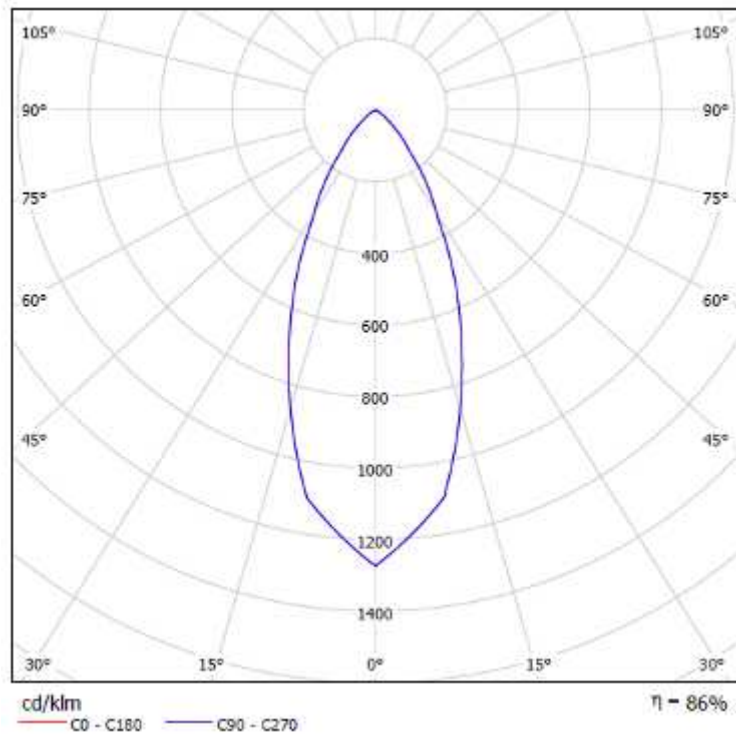
Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 44.2°)

Luminaire classification according to UTE: 0.87A
CIE flux code: 88 98 100 100 90

Spezifikation E-CORE™ 500

TOSHIBA LEDD-60003L-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.40	E(0°)	1835
		E(C0)	21.8° 738
1.0	0.80	E(0°)	459
		E(C0)	21.8° 184
1.5	1.20	E(0°)	204
		E(C0)	21.8° 82
2.0	1.60	E(0°)	115
		E(C0)	21.8° 46
2.5	2.00	E(0°)	73
		E(C0)	21.8° 30
3.0	2.40	E(0°)	51
		E(C0)	21.8° 20

Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 43.6°)

Luminaire classification according to UTE: 0.86A
 CIE flux code: 88 98 100 100 89

Spezifikation E-CORE™ 900

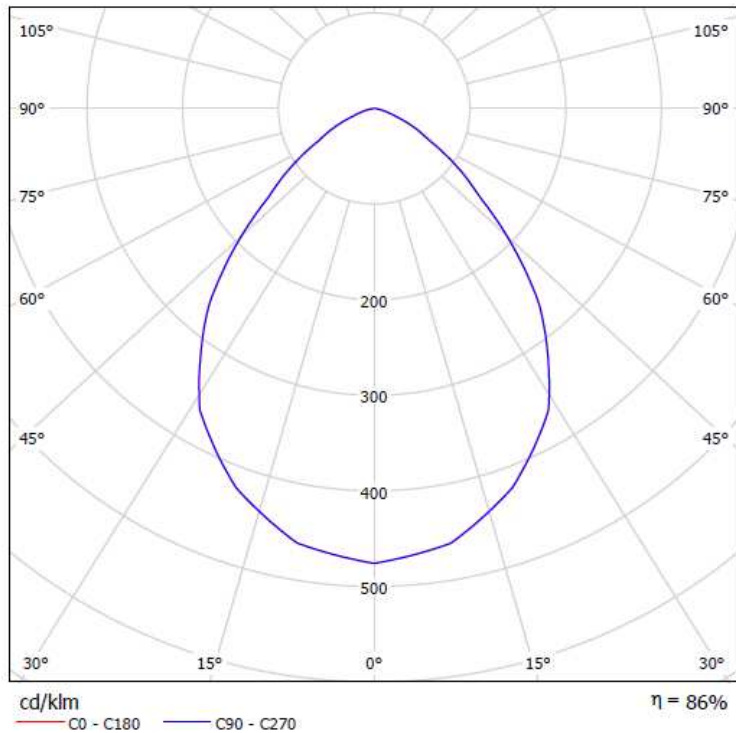


E-CORE™ 900

		Produktcode	Leistung	Farb-temperatur	Strahlwinkel	Strom	Lebensdauer	IRC
	E-core 900 2700/40 LEDD-70003L-LS24EU	392730	14,1 W	2.700 °K	40° 	635 lm	40.000 h	80
	E-core 900 4000/40 LEDD-70003W-LS24EU	392723	14,1 W	4.000 °K	40° 	720 lm	40.000 h	80
	E-core 900 2700/85 LEDD-70001L-LS24EU	392716	14,1 W	2.700 °K	85° 	615 lm	40.000 h	80
	E-core 900 4000/85 LEDD-70001W-LS24EU	392709	14,1 W	4.000 °K	85° 	695 lm	40.000 h	80

Spezifikation E-CORE™ 900

TOSHIBA LEDD-70001W-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.91	E(0°) E(C0)	42.4°	1551 313
1.0	1.83	E(0°) E(C0)	42.4°	388 78
1.5	2.74	E(0°) E(C0)	42.4°	172 35
2.0	3.65	E(0°) E(C0)	42.4°	97 20
2.5	4.57	E(0°) E(C0)	42.4°	62 13
3.0	5.48	E(0°) E(C0)	42.4°	43 9

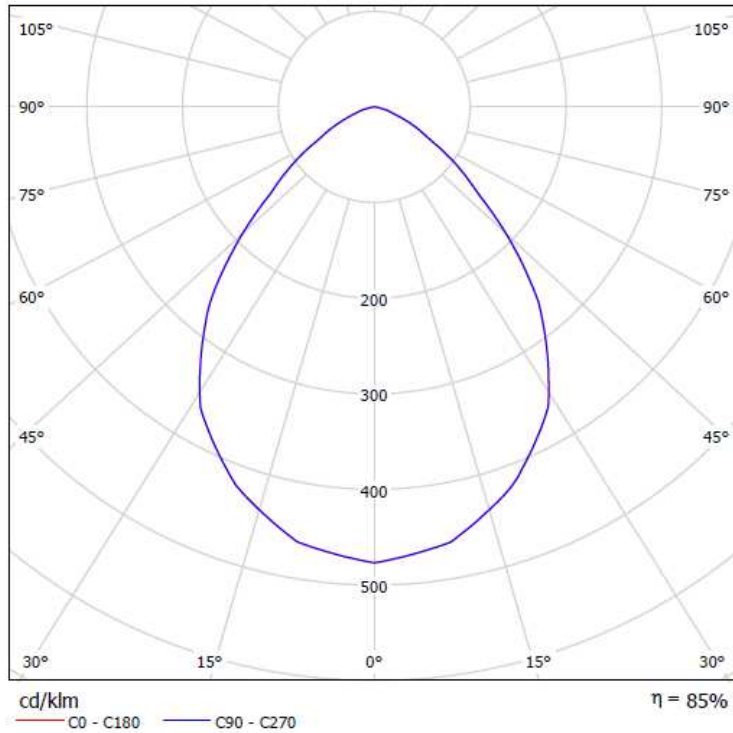
Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 84.8°)

Luminaire classification according to UTE: 0.86C
CIE flux code: 67 93 99 100 87

Spezifikation E-CORE™ 900

TOSHIBA LEDD-70001L-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.91	E(0°) E(C0)	42.2°	1374 280
1.0	1.81	E(0°) E(C0)	42.2°	343 70
1.5	2.72	E(0°) E(C0)	42.2°	153 31
2.0	3.63	E(0°) E(C0)	42.2°	86 17
2.5	4.53	E(0°) E(C0)	42.2°	55 11
3.0	5.44	E(0°) E(C0)	42.2°	38 8

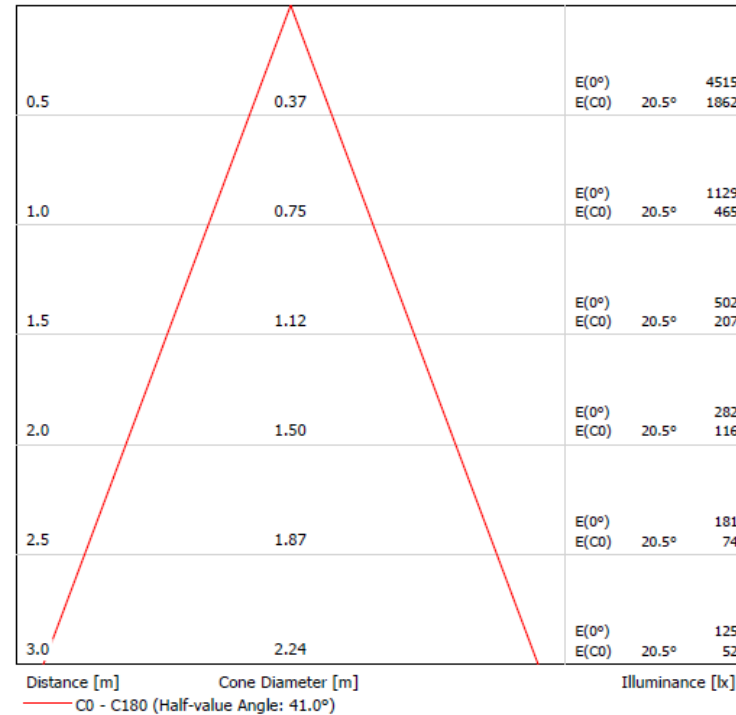
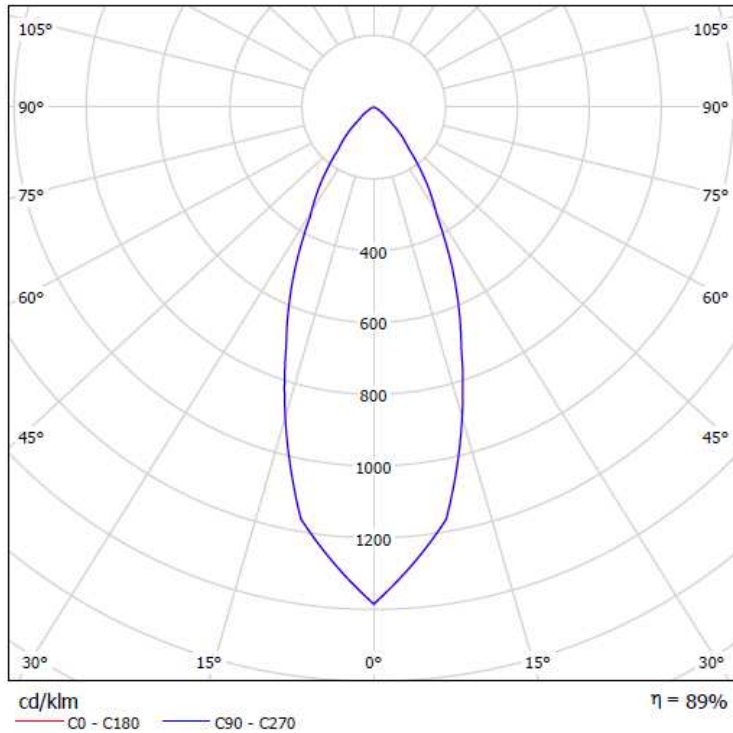
Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 84.4°)

Luminaire classification according to UTE: 0.85C
CIE flux code: 67 93 99 100 86

Spezifikation E-CORE™ 900

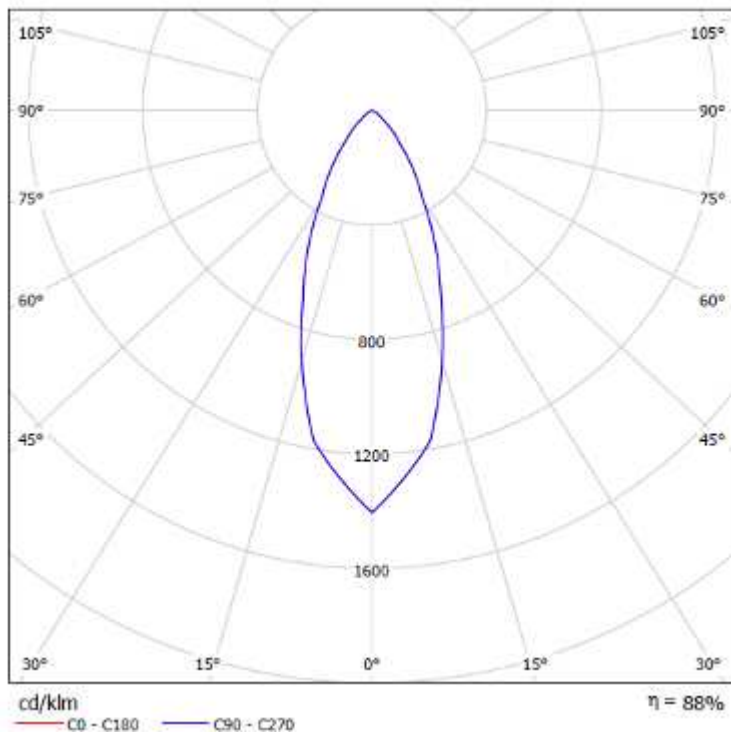
TOSHIBA LEDD-70003W-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



Luminaire classification according to UTE: 0.89A
 CIE flux code: 88 98 100 100 92

Spezifikation E-CORE™ 900

TOSHIBA LEDD-70003L-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.36	E(0°)	4048
		E(C0)	20.0° 1682
1.0	0.73	E(0°)	1012
		E(C0)	20.0° 421
1.5	1.09	E(0°)	450
		E(C0)	20.0° 187
2.0	1.46	E(0°)	253
		E(C0)	20.0° 105
2.5	1.82	E(0°)	162
		E(C0)	20.0° 67
3.0	2.18	E(0°)	112
		E(C0)	20.0° 47

Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 40.0°)

Luminaire classification according to UTE: 0.88A
 CIE flux code: 88 98 100 100 91

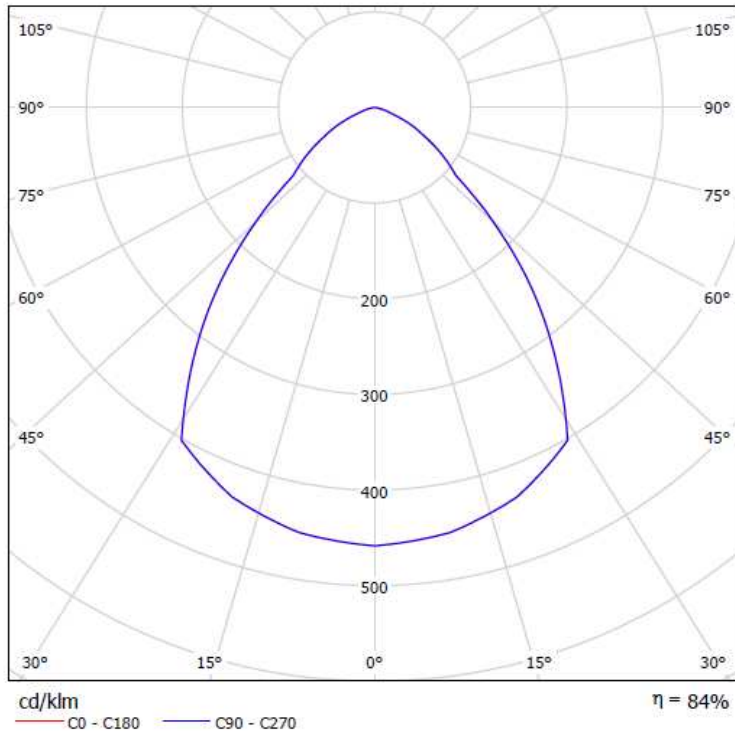
Spezifikation E-CORE™ 2000



	Produktcode	Leistung	Farb-temperatur	Strahlwinkel	Strom	Lebensdauer	IRC	
	E-core 2000 2700/85 LEDD-20001L-LS24EU	392754	26 W	2.700 °K	85°	1.295 lm	40.000 h	80
	E-core 2000 4000/85 LEDD-20001W-LS24EU	392747	26 W	4.000 °K	85°	1.460 lm	40.000 h	80

Spezifikation E-CORE™ 2000

TOSHIBA LEDD-20001W-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.91	E(0°)	3191
		E(C0)	649
1.0	1.81	E(0°)	798
		E(C0)	162
1.5	2.72	E(0°)	355
		E(C0)	72
2.0	3.63	E(0°)	199
		E(C0)	41
2.5	4.53	E(0°)	128
		E(C0)	26
3.0	5.44	E(0°)	89
		E(C0)	18

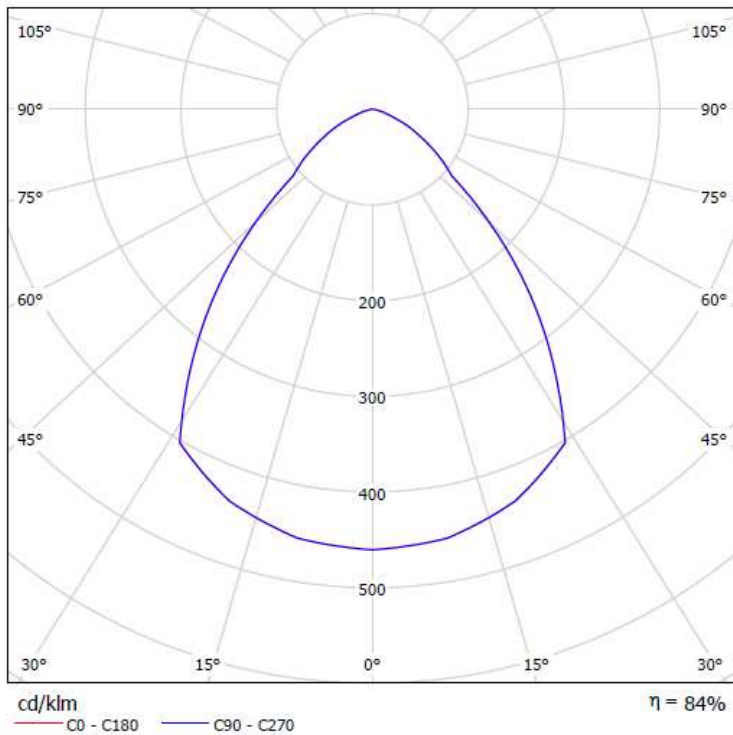
Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 84.4°)

Luminaire classification according to UTE: 0.84B
 CIE flux code: 70 94 99 100 85

Spezifikation E-CORE™ 2000

TOSHIBA LEDD-20001L-LS24EU LED DOWNLIGHT “E-CORE” / Luminaire Data Sheet



0.5	0.90	E(0°) E(C0)	41.9°	2855 591
1.0	1.79	E(0°) E(C0)	41.9°	714 148
1.5	2.69	E(0°) E(C0)	41.9°	317 66
2.0	3.59	E(0°) E(C0)	41.9°	178 37
2.5	4.49	E(0°) E(C0)	41.9°	114 24
3.0	5.38	E(0°) E(C0)	41.9°	79 16

Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 83.8°)

Luminaire classification according to UTE: 0.84B
CIE flux code: 71 94 99 100 84

TOSHIBA
Leading Innovation >>

AKARI

"Lighting the Way to Warmth and Harmony with People and Environment"



1890
Toshiba's first light bulb
"Manda" in Japan



2009
E-CORE LED light bulb 41W
As bright as a conventional 67W bulb