UNISTREET GEN2 MICRO

BGP281 LED-HB/740 II DM32 4800 lm

Introduction

Designed for large-scale ledification projects, the UniStreet gen2 is the ideal 1:1 luminaire replacement for municipalities. Thanks to its high efficiency and low initial cost, the UniStreet gen2 luminaire enables a fast payback and significant savings in terms of energy consumption within a short period of time. The ease of installation and maintenance is enabled by the Philips Service tag and the Philips SR (System Ready) socket makes it future-ready and you can pair this luminaire with lighting control and software applications such as Interact City.;Available with a number of different optics and lumen packages that can even be tuned further to fit exact project requirements, UniStreet gen2 is a true point-to-point replacement solution for conventional light sources. The compact luminaire, using high-quality materials is also easy to dismantle and recycle at the end of its lifetime.

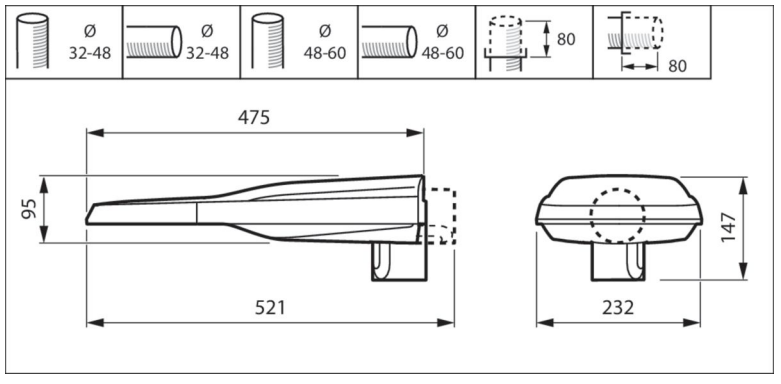
Product Information

Product Family Code	BGP281
Mechanical and Housing	
Housing Material	Aluminum die cast
Fixation material	Aluminum
Ingress protection code	IP66
Mech. impact protection code	IK08
Corrosion resistance	500 hours Salt Spray Test for standard version, 1.000 hours. Salt Spray Test optional Marine Salt Protection (MSP)
Certification	
CE mark	CE mark
ENEC mark	ENEC plus mark
RoHS mark	-
WEEE mark	-
Protection class IEC	II
Service	
Warranty period	5 years
Serviceability	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Light source replaceable	Yes
Operating ambient temperature range Tamb	-40 to +50 °C
Performance ambient temperature (Tq)	25 °C
L-Value	L90
Lifetime	100000 h
Surge protection	6KV in Common or Differential mode as standard, 10KV with optional Surge Protector Device (SPD)

IPEA - Energy classification

Road		Large area		Historical centers		Green areas		Cycle & pedestrian	
IPEA	**Class**	**IPEA**	**Class**	**IPEA**	**Class**	**IPEA**	**Class**	**IPEA**	**Class**
2	A9+	2.09	A9+	2.43	A13+	1.95	A8+	1.95	A8+

Dimensional drawing(s) - mm



Additional text

Optical cover/lens material: Tempered glass

Created Date: 05-10-2022

Light technical Report

Drivers

Description	Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt
12NC	929002165206
Number of driver(s)	1
Number of driver per MCB 16A	30
Inrush current	18 A
Inrush time	280 µs
Input Voltage	220V-240V
Input Frequency	50/60 Hz
Current	465 mA
System power (minimum)	30 W
System power (maximum)	30 W
System power (average)	30 W
Power consumption tolerance	+/-10%
Power Factor (100%)	0.98
Power Factor (50%)	0.93
Connectivity	No connectivity
Dimming	No dimming

Light engine

Light source engine type	LED
Number of LED	20
Initial LED luminaire efficacy (source)	160 lm/W
Initial LED luminaire efficacy (system)	146 lm/W
Light source colour	740 (Neutral White)
Init. colour Rendering Index	70
Init. CRI tolerance	+/-2
Init. Corr. colour Temperature	4000 K
Initial tolerance	+/- 180 K (5 SDCM)
End of life tolerance	+/- 255 K
Initial luminous flux (source)	4800 lm
Luminous flux tolerance	+/-7%
Initial luminous flux (system)	4380 lm
Photobiological risk	Risk group 0 (exempt) according to EN IEC 62471

Optics

Optical configuration	DM32
LOR	0.91
ULR at tilt=0°	0.00%
G* at tilt=0°	G*4
Imax (at 90° and above)	0 cd/klm
CIE code	37 77 99 100 91

Dimming range

Current percentage	Current (mA)	System power (minimum) (W)	System power (maximum) (W)	System power (average) (W)	Source flux (lm)	System flux (lm)
100	465	30	30	30	4800	4380
95	442	28.5	28.5	28.5	4585	4184
90	419	27	27	27	4367	3985
85	396	26	26	26	4147	3784
80	372	24.5	24.5	24.5	3924	3581
75	349	23	23	23	3699	3376
70	326	21.5	21.5	21.5	3472	3168
65	303	20	20	20	3243	2959
60	279	18.8	18.8	18.8	3012	2749
55	256	17.4	17.4	17.4	2778	2535
50	233	16	16	16	2543	2321
45	210	14.4	14.4	14.4	2305	2103
40	186	13.2	13.2	13.2	2066	1885
35	163	11.8	11.8	11.8	1824	1664
30	140	10.6	10.6	10.6	1580	1442
25	117	9.1	9.1	9.1	1335	1218
20	93	7.7	7.7	7.7	1088	993
15	70	6.4	6.4	6.4	839	766

Maintenance factor

Maintenance factor according ISO/CIE 22012 TS (2019)

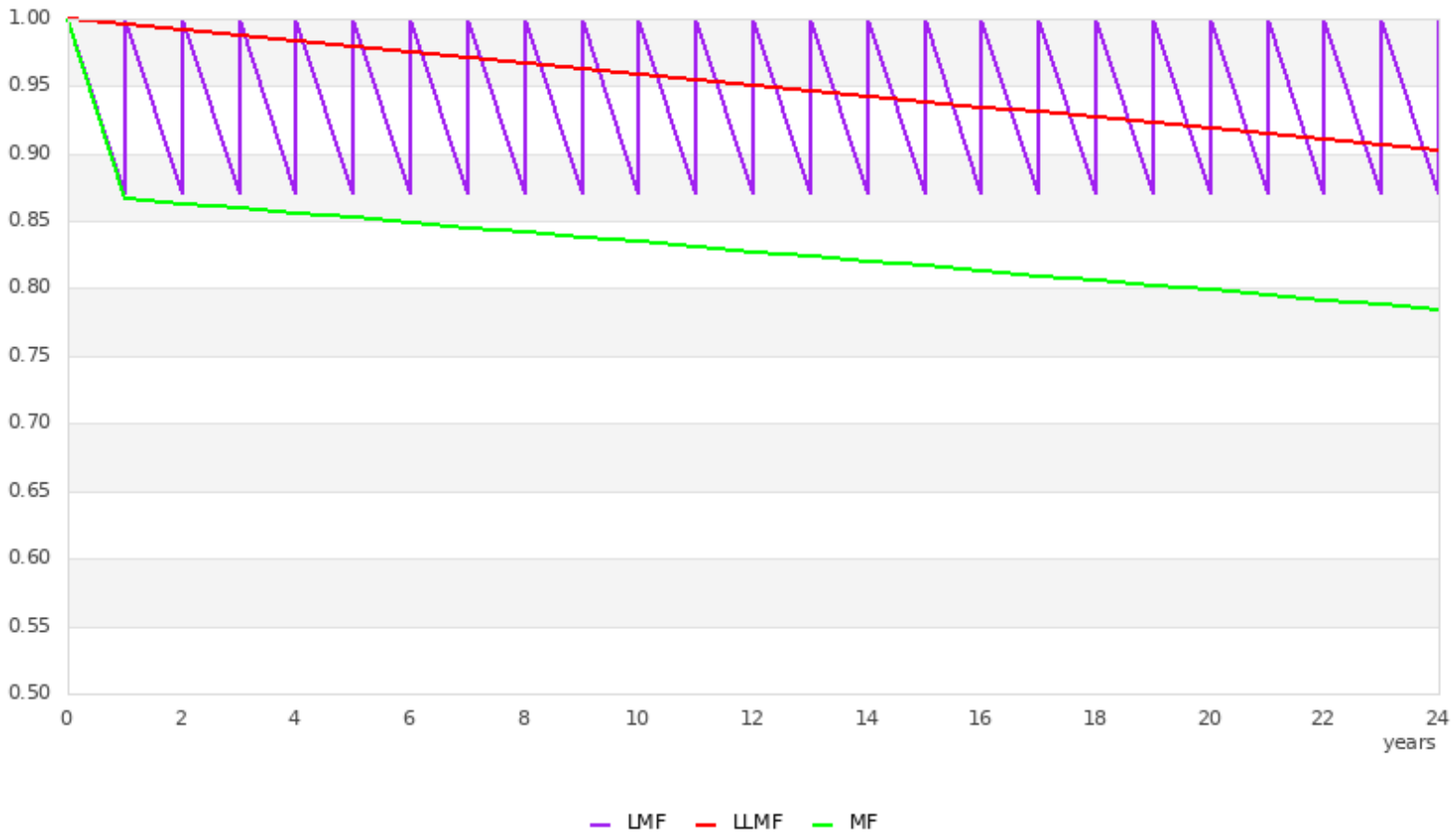
The maintenance factor MF is determined using:

MF = LLMF . SF . LMF . SMF

where
LLMF is the luminous flux factor
SF is the survival factor (=1 due to spot replacement regime)
LMF is the luminaire maintenance factor
SMF is the surface maintenance factor (=1 for outdoor lighting)

MF for 100000 hours (24.4 years) = 0.78

With
LLMF = 0.9
LMF = 0.87
and based on a cleaning cycle of 1 years and 4100 burning hours / year

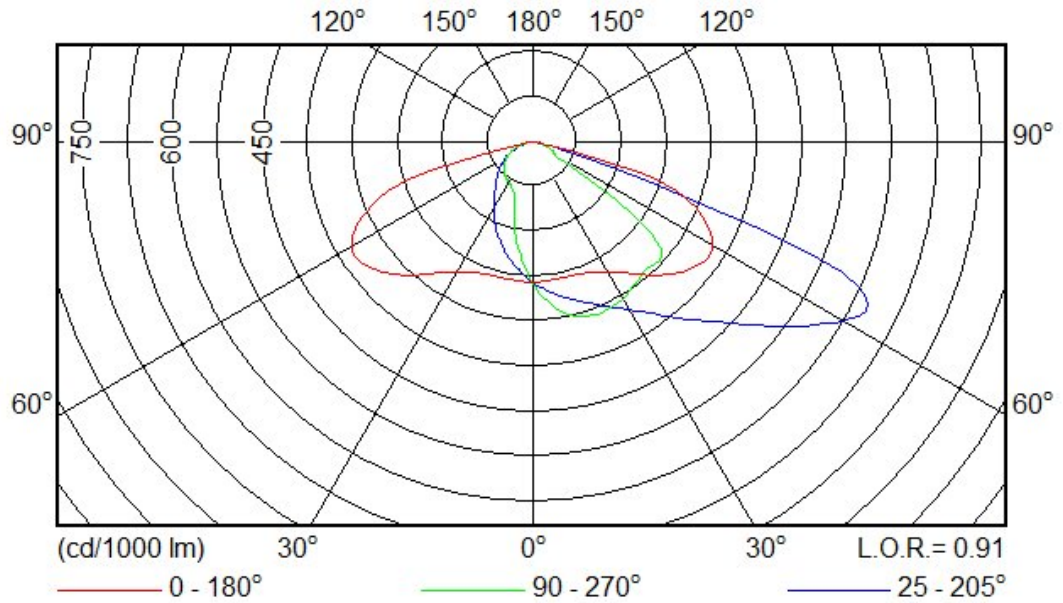


Created Date: 05-10-2022

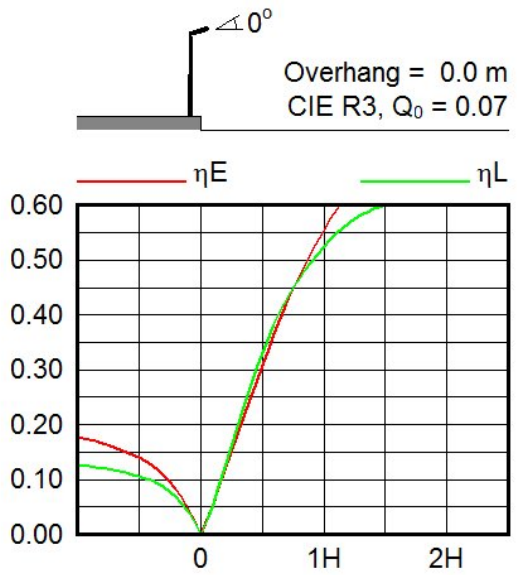
Created Date: 05-10-2022

Photometric Graphs

Polar intensity diagram



Utilisation factor curve and luminance yield diagram

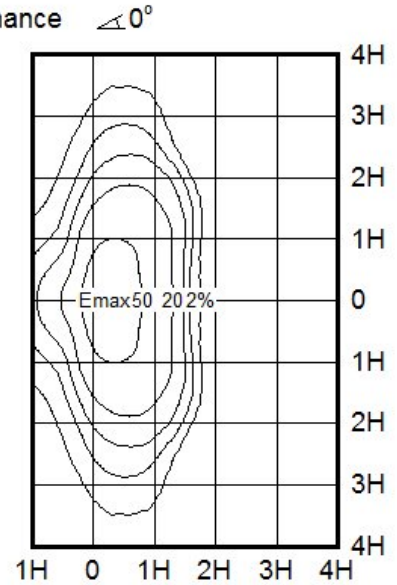


Relative isolux diagram

Horizontal Illuminance 0°

H	Emax
(m)	(lux)
4.0	82
6.0	37
8.0	21

M.F.= 1.0



Lab Information & Certification

Lab Information

Test standards

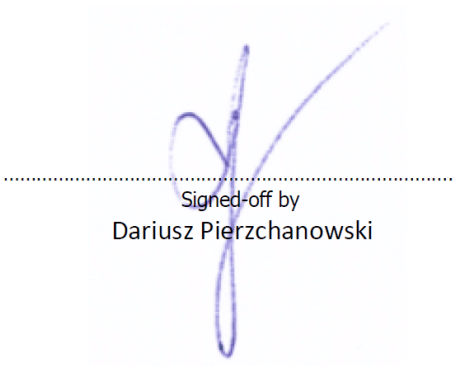
EN 13032-4:2015	Light and lighting. Measurement and presentation of photometric data of lamps and luminaires. Part 4: LED lamps, modules and luminaires
EN 13032-1:2014	Light and lighting. Measurement and presentation of photometric data of lamps and luminaires. Part 1: Measurement and file format
IEC 62717:2014+AMD1:2015	LED modules for general lighting - performance requirements
IES LM-79-08	IES Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products
IEC / EN 62722-1:2014	Luminaire performance - Part 1: General requirements
IEC / EN 62722-2-1:2014	Luminaire performance - Part 2-1: Particular requirements for LED luminaires

Test equipment

LMT GO-DS 2000 Goniometer (C/G)	☐
Yokogawa WT3000 power analyzer	☐
Chroma 6415 programmable AC source	☐
Agilent 6675A system DC power supply	☐
Integrating sphere U-101-A	☐
EM TEST NetWave3 AC/DC source	☐
FLUKE Norma 4000 power analyzer	☐
Sonopan L-100 luxmeter	☐
Gigahertz X1-3 hazard lightmeter	☐
Gigahertz XD-45-HB-4 Head	☐
Gigahertz XD-45-HUV-4 head	☐

MEASUREMENT UNCERTAINTIES

Type of test	**Uncertainties**
Luminous flux	+/- 2.2 %
Power	+/- 0.5 %
Imax	+/- 2.2 %
Beam angle of Imax	+/- 0.1°
Ambient temperature 0-50°C	+/- 0.1°C



Signed-off by
Dariusz Pierzchanowski

DISCLAIMER: *This photometry report is compiled based on real measurement done in Signify Laboratories during development and release of new products and calculation data pulled from PPS web-based tool and internal data. The values present in this report may differ from real values measured for specific product, but not more than +/-10 % on power and +/- 7% on lumen.*

Certification

CERTIFICATE

Ref.No. SMT/CTF-3/0001/3/2018

Supervised Manufacturers' Testing
SMT
Customer's Testing Facility
CTF - Stage 3

It is hereby confirmed that the laboratory

Laboratory of Quality
Philips Lighting Poland Sp. z o.o. Piła
O/Kętrzyn, ul. Chrobrego 8, 11-400 Kętrzyn
POLAND

is authorized by ITE PREDOM Division to perform testing
for the certified body ITE PREDOM Division in the framework ENEC, ENEC+,
CCA agreements, IECEE CB Scheme and national certification
for the products and standards as referred in the Appendix to this certificate and
under conditions as mentioned in the Contract No. SMT/01/12 dated 10.10.2012
This procedure is fully in accordance with the following operational documents
IECEE OD-2048
OD ECS 035

The technical competence of the laboratory
has been checked according to
EN ISO/IEC 17025:2005

the proof has been given in the assessment carried out by ITE PREDOM Division
This certificate is valid if the laboratory observes the requirements of the above mentioned standard and Operational Documents
and under conditions of the Contract No. No. SMT/01/12 dated 10.10.2012

Manager of Certification Office
ITE PREDOM Division
Joanna Wałczak- Złotkowska

Deputy Director of ITE PREDOM Division
Aleksander Piotrowski

Warsaw, 2018-11-28

PREDOM

Instytut Technologii Elektronowej Oddział PREDOM
Institute of Electron Technology PREDOM Division
ul. Krakowiaków 53, 02-255 WARSZAWA, POLSKA - POLAND

APPENDIX TO CERTIFICATE

SMT/CTF-3/0001/3/2018

Supervised Manufacturers' Testing SMT
Customer's Testing Facility CTF - Stage 3

List of products

for which the Laboratory of Quality Philips Lighting Poland Sp. z o.o. Piła O/Kętrzyn
is authorized to perform testing
for ITE PREDOM Division as a certification body in the framework
ENEC an CCA agreements and IECEE CB Scheme

CATEGORY	PRODUCTS*)	STANDARDS**)		
		For ENEC and CCA	For IECEE CB Scheme	For national certification
LITE	Fixed general purpose luminaires	EN 60598-1 EN 60598-2-1	IEC 60598-1 IEC 60598-2-1	EN 60598-1 EN 60598-2-1
LITE	Recessed luminaires	EN 60598-1 EN 60598-2-2	IEC 60598-1 IEC 60598-2-2	EN 60598-1 EN 60598-2-2
LITE	Luminaires for road and street lighting	EN 60598-1 EN 60598-2-3	IEC 60598-1 IEC 60598-2-3	EN 60598-1 EN 60598-2-3
LITE	Floodlights	EN 60598-1 EN 60598-2-5	IEC 60598-1 IEC 60598-2-5	EN 60598-1 EN 60598-2-5
LITE	Luminaires for emergency lighting	EN 60598-1 EN 60598-2-22	IEC 60598-1 IEC 60598-2-22	EN 60598-1 EN 60598-2-22
LITE	Luminaires with limited surface temperatures	EN 60598-1 EN 60598-2-24	IEC 60598-1 IEC 60598-2-24	EN 60598-1 EN 60598-2-24
LITE	LED modules for general lighting	EN 62031	IEC 62031	EN 62031
LITE (ENEC+)	LED modules for general lighting	EPRS 001/ IEC 62717	-	-
LITE (ENEC+)	Luminaires	EPRS 002 / IEC 62722-1	-	-
LITE (ENEC+)	LED Luminaires	EPRS 003/ IEC 62722-2-1	-	-
LITE	Lamp and luminaires	-	-	EN 13032-1
LITE	Lamp and luminaires	-	-	EN 13032-2
LITE	Lamp and luminaires	-	-	EN 13032-3
LITE	LED lamps, modules and luminaires	-	-	EN 13032-4
LITE	Solid-State Lighting Products	-	-	LM-79

**) – Name and address of manufacturing place of the products: Philips Lighting Poland Sp. z o.o. Piła, ul. Kossaka 150, O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn., Poland*

***) – newest edition of the standards/documents*

Manager of Certification Office
ITE PREDOM Division

Joanna Walczak- Złotkowska

Deputy Director of ITE PREDOM Division

Aleksander Piotrowski

Warsaw, 2018-11-28

Instytut Technologii Elektronowej Oddział PREDOM
Institute of Electron Technology PREDOM Division
ul. Krakowiaków 53, 02-255 WARSZAWA, POLSKA - POLAND

POLSKIE CENTRUM AKREDYTACJI

POLISH CENTRE FOR ACCREDITATION

Sygnatariusz EA MLA
EA MLA Signatory

CERTYFIKAT AKREDYTACJI

LABORATORIUM BADAWCZEGO

ACCREDITATION CERTIFICATE OF TESTING LABORATORY

Nr AB 003

Potwierdza się, że: / This is to confirm that:

INSTYTUT TECHNOLOGII ELEKTRONOWEJ
Al. Lotników 32/46, 02-668 Warszawa
INSTYTUT TECHNOLOGII ELEKTRONOWEJ ODDZIAŁ PREDOM
LABORATORIUM BADAWCZE
ul. Krakowiaków 53, 02-255 Warszawa

spełnia wymagania normy PN-EN ISO/IEC 17025:2005
meets requirements of the PN-EN ISO/IEC 17025:2005 standard

Akredytowana działalność jest określona w Zakresie Akredytacji Nr AB 003
Accredited activity is defined in the Scope of Accreditation No AB 003

Akredytacja pozostaje w mocy pod warunkiem przestrzegania wymagań jednostki akredytującej określonych w kontrakcie Nr AB 003
This accreditation remains in force provided the Laboratory observes the requirements of Accreditation Body defined in the Contract No AB 003

Akredytacji udzielono dnia 27.04.1993 r.
Accreditation was granted on 27.04.1993

015127

POLSKIE CENTRUM AKREDYTACJI • 1 •

DYREKTOR
POLSKIEGO CENTRUM AKREDYTACJI

LUCYNA OLBORSKA

Warszawa, 10 grudnia 2018 roku

Intensity Table

```
FORMAT=PHILLUM
VERSION=2.0
STATUS=R
MCOD=LVE170908C
DATE=2018-01-26
TXTS="L-TUNE 2022-10-05"
ORIG=WLD
BRAND=PHILIPS
FAMILY=UniStreet gen2 Micro
FAMCOD=BGP281
HOUSING=BGP281 T25
OPTICS=DM32
BLID=-
LAMP=LED-HB 4800 lm-4S L90@100kh
LAFLUX=4800
NLPS=1
LAMPCOL=740
INPW=30
INVO=230
GEOTYPE=3
GEOL1=0.095
GEOL2=0.232
GEOL3=0.52
OPTTYPE=3
OPTL1=0
OPTL2=0.198
OPTL3=0.173
SURF76=0.008
SURF85=0.003
PTYP=C
BANGLE=0.00
TLME=0.00
LUBA=1000
CORR=1
SYMCON=4
SYMPLANE=4
NCON=62
NPLA=145
CONA= 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 59 60 61 62 63 64
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90
PLANA= 0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5 40 42.5 45 47.5 50 52.5 55 57.5 60 62.5 65
67.5 70 72.5 75 77.5 80 82.5 85 87.5 90 92.5 95 97.5 100 102.5 105 107.5 110 112.5 115 117.5 120 122.5 125
127.5 130 132.5 135 137.5 140 142.5 145 147.5 150 152.5 155 157.5 160 162.5 165 167.5 170 172.5 175 177.5 180
182.5 185 187.5 190 192.5 195 197.5 200 202.5 205 207.5 210 212.5 215 217.5 220 222.5 225 227.5 230 232.5 235
237.5 240 242.5 245 247.5 250 252.5 255 257.5 260 262.5 265 267.5 270 272.5 275 277.5 280 282.5 285 287.5 290
292.5 295 297.5 300 302.5 305 307.5 310 312.5 315 317.5 320 322.5 325 327.5 330 332.5 335 337.5 340 342.5 345
347.5 350 352.5 355 357.5 360
ITABLE= 234.4 234 233 232.3 232.1 232.1 232.2 232.3 232.5 233.1 234.3 236.1 238.6 241.7 245.3 250 255.6 262.4
270.2 279 289.3 299.2 308.4 317.5 326.2 333.9 340.9 346.8 350.7 350.9 349.5 347 343.9 339.3 333.6 326.5 318
308.9 299.5 291 282.7 271.3 254.7 232.4 208.9 177.6 129.1 72.5 28.9 11.8 7.9 5.9 4.2 2.7 1.6 0.9 0.6 0.4 0.2
0.2 0.2 0
234.4 234.6 234.3 234.3 234.5 235.2 236.1 236.8 237.5 238.8 240.6 243.3 246.5 250.5 255 260.6 267.2 274.9
283.9 293.8 305.7 317 328 338.6 348.6 359.8 370.4 380.5 388.4 393.2 394.3 394.3 393 390.8 387 381.4 374.1
364.5 354.7 345.6 337 326.3 307.9 281.7 256.9 225.7 163.2 83.9 30.8 12.7 7.8 5.8 4 2.5 1.5 0.8 0.5 0.4 0.2
0.2 0.2 0
234.4 235.3 235.6 236.1 236.9 238 239.6 240.8 242.2 244 246.4 249.4 253.3 257.9 263.2 269.3 276.6 284.8 294.6
305.1 318.1 331 343.1 355.5 366.9 379.8 393.2 406.6 419 428.7 432.3 435 436.4 436.6 435.1 431.5 425.6 417.3
406.8 396 385.3 374.5 358.2 332.3 304.2 272.4 206.6 118.1 52.5 20.6 10 6.5 4.3 2.9 2 1.1 0.7 0.4 0.2 0.2 0.2 0
234.4 235.6 236.7 237.6 239 240.9 243 245 246.9 249.4 252.4 256.1 260.7 266.1 272 279.2 287.2 296.4 307.2
318.5 332.8 346.1 359.8 373 385.6 400.7 416.5 433.1 448.5 461.6 467.3 471.6 475 476.3 475.6 472.1 465.8 455.5
443.1 429.9 416 401.7 380.9 351.2 317.7 270.2 186.4 100.1 45.1 18.9 9.2 6 4 2.5 1.5 1 0.5 0.4 0.2 0.2 0.2 0
234.4 236.4 237.9 239.7 241.5 243.9 246.4 248.9 251.4 254.3 257.8 262 267.1 272.8 279.3 286.8 295.4 304.9
316.2 327.9 342.2 356.8 371 385.4 399.1 415.4 433 451.9 470.9 487.9 495.6 502.5 507.9 511.5 512.8 511.2 505.5
495.8 482.2 465.7 448 429.9 409 380.4 342 298.8 223.7 133.8 65.9 28.8 12.4 7.1 4.6 3 1.8 1.1 0.7 0.4 0.2 0.2
0.2 0
234.4 236.9 238.9 241.2 243.7 246.7 249.6 252.7 255.7 259.3 263.2 268.1 273.9 280.2 287.4 295.4 304.4 314.7
326.8 338.9 353.7 368.7 384 399.2 414.3 432.4 451.9 473.1 494.3 514.1 523.8 531.9 538.8 543.3 544.8 542.5
535.7 522.8 504.7 484.3 462.4 439.5 411.7 373.5 324.5 276 206.1 119.3 55.1 24.4 10.9 6.7 4.2 2.7 1.5 1 0.5
0.3 0.2 0.1 0.2 0
234.4 237.5 240.2 243 246.1 249.5 253.2 256.5 260.1 263.8 268.4 273.6 279.5 286.3 293.7 302 311.2 321.5 333.6
346.1 360.4 376.4 392.1 408.5 424.8 443.4 464.2 486.8 510.6 533.8 544.9 555.5 564.2 570.6 574 573.6 568.2
556.4 537.5 513.6 487.1 452.8 421.2 377.6 326.8 277.6 226.9 157.2 85.7 38.4 16.8 8.6 5.6 3.6 2 1.1 0.7 0.4
0.2 0.2 0.2 0
234.4 237.9 241.2 244.7 248.2 252.1 256.1 260.1 264.1 268.5 273.4 279.2 285.5 292.6 300.5 309.2 318.7 329.4
341.7 354.6 369.5 385.7 402.4 419 435.8 456.2 478.8 503 528.1 552.5 564.6 575.6 585.1 591.6 595.2 594.9 588.6
573.9 550.9 520.5 480.6 434.9 382.7 329.3 271.1 219.2 172.8 122.4 72.4 36.9 16.2 8.5 5.3 3.4 1.8 1 0.6 0.3
0.2 0.2 0.1 0
234.4 238.6 242.5 246.4 250.5 254.6 259.1 263.6 268.1 272.8 278 283.9 290.5 297.7 305.5 314.2 323.7 334.1
346.3 360.3 374.5 391.1 407.1 423.9 442 462.6 485.8 510.2 535.9 561.7 574.2 586.3 597.1 605.9 612.1 614.4
611.2 599.8 577.1 539.7 485 419.1 352 287.3 225.2 167.9 117.1 80.6 57.1 40.3 25.5 13 6.9 4.3 2.5 1.4 0.8 0.4
0.2 0.1 0.1 0
234.4 239 243.6 247.9 252.3 257 261.9 266.8 271.7 276.8 282.3 288.4 295.4 302.9 310.8 319.5 329 339.8 352
366.7 381 396.8 413.3 430.3 449 471.1 495 520 545.4 570.4 583.1 594.9 606 614.6 620.3 620.5 613.9 595.6 560.4
```

501.6 418.1 334.4 256 189.7 130 86 55.1 37.2 29 23.8 18.7 12.6 6.8 3.9 2 1.1 0.6 0.3 0.2 0.1 0 0
234.4 239.8 244.8 249.6 254.5 259.7 264.9 270.4 275.6 281 286.7 292.6 299.5 306.8 314.9 323.5 332.8 343.3
354.9 369.8 384.1 399.1 415 432.5 452 474.2 498.5 523.3 547.9 572.1 584.2 596.1 607.5 616.7 622 621.3 613.9
595.6 559.5 493.5 397 295.2 209.1 141.3 88.7 54.7 38.7 30.1 23.4 18.6 14.6 11.5 8.2 5.1 2.9 1.5 0.8 0.5 0.2
0.1 0.1 0
234.4 240.1 245.7 251 256.3 261.9 267.4 273.1 278.8 284.1 289.9 296.1 303 310.4 318.2 326.8 336 346.4 357.5
372.5 387.2 401 417.4 435.2 455.7 479.4 503.6 528.7 552.4 574 585 595.2 604.1 609 609.8 604.2 590.5 561.1
508.3 423 309.3 205.3 122.1 70.1 42.9 33.7 27.7 22.3 17.8 14.2 11.2 8.7 6.3 4.2 2.4 1.4 0.7 0.4 0.2 0.1 0 0
234.4 240.7 246.8 252.7 258.5 264.3 270.3 276.2 282 287.6 293.4 299.6 306.1 313.2 320.9 329.2 338.1 347.6
357.8 371.1 387.4 400.4 415.8 433.9 454.9 478.6 504 528.9 552.1 571.8 581 588.6 594.6 597.4 596.5 589.6 573.7
546.3 497.6 414.5 298.2 176.3 88.8 48.7 37.1 30.9 25.6 20.9 17.3 14.2 11.3 8.9 6.8 4.9 3.2 1.8 0.9 0.5 0.2
0.1 0.1 0
234.4 241.1 247.5 253.9 259.9 266.1 272.4 278.6 284.5 290.1 295.8 301.9 308.4 315.3 322.6 330.6 338.9 347.5
356.7 370.1 385.9 399.3 414.7 433.3 454.7 479.6 505 530.3 551.5 567.5 573.2 576.6 577 574.3 567.2 553.3 531.3
492.4 427.8 325.9 193.5 93.2 47.2 37.3 31.6 27 22.8 19.1 15.8 13.1 10.4 8.3 6.2 4.4 2.9 1.6 0.8 0.3 0.2 0.1 0
0
234.4 241.8 248.8 255.4 262.1 268.6 275.2 281.4 287.5 293.3 299 304.7 310.9 317.4 324.4 331.9 339.2 346.5
354.6 367.1 380.5 396.8 411.2 428.9 450.3 474.9 501.6 527 548.1 561.8 564.9 565.2 561.7 555.1 544.1 526.4
500.9 464.2 400.9 298.7 170.4 78.3 44.1 36.4 31.5 27.5 23.7 20.3 17.4 14.6 12 9.8 7.4 5.5 3.7 2.1 1.1 0.5 0.3
0.2 0 0
234.4 242 249.3 256.4 263.2 270.3 276.9 283.2 289.2 294.9 300.4 305.9 311.7 317.9 324.5 331 337.4 343.7 351.4
363.2 375.7 390.3 407.8 425.3 446.6 472.1 498.6 523.6 542.2 551.2 550.3 544.8 534.3 520.5 499.1 472.3 438.9
385.6 303.3 194.2 95 47.7 37.7 32.9 29.1 25.5 22.3 19.3 16.5 13.8 11.2 9.1 7.1 5.5 3.5 2 0.9 0.5 0.2 0.1 0 0
234.4 242.9 250.7 258.1 265.4 272.6 279.7 286.1 292.1 297.8 303.3 308.8 313.9 319.5 325.4 331.2 336.8 342
348.6 359.7 370.6 382.9 399.5 419 440.8 465.4 491.9 516.5 535.2 543 540.5 532.1 518.1 498.5 472.2 440.1 400.1
347.9 274 176.2 87.4 45.8 37.6 33.5 29.8 26.6 23.5 20.4 17.3 14.2 11.6 9.4 7.5 5.9 4.2 2.7 1.4 0.6 0.3 0.2 0 0
234.4 242.9 251.1 258.7 266.1 273.7 280.6 287.1 293 298.3 303.6 308.7 313.3 318.4 323.5 328.5 333 337.5 344.3
354.1 363.7 374.8 390.4 411.1 433.8 459.1 484.3 507.2 522.8 523.7 515.9 501.4 479.2 451.8 416.8 378 332.7
267.9 184.3 101.3 49.6 38.7 34.3 31.2 28.4 25.6 22.5 19.3 15.8 13.1 10.5 8.5 6.6 5.2 3.5 2.2 1.1 0.5 0.2 0.1
0 0
234.4 243.6 252.3 260.4 268.4 276.1 283.3 289.8 295.7 301 306.1 310.9 315.2 319.6 324 328.5 332.2 335.7 341.3
349.8 358 367.4 381.2 400 422.2 447.6 472.5 494.2 508.3 506.9 497.8 481.2 457.1 425.9 389.8 348.5 299.5 235.2
156.7 84.2 47 38.3 34.3 32.2 30.3 27.6 24.2 20.8 17.5 14.4 11.7 9.3 7.2 5.4 4.1 2.7 1.5 0.8 0.3 0.2 0.1 0
234.4 243.9 252.8 261 269.1 276.8 284.1 290.4 295.9 301 305.8 310.1 313.9 317.9 321.4 325.1 327.9 330.8 336.2
343.1 349.7 358.3 371.8 389.7 410.5 434.3 457.4 476.5 483.7 472 455.6 432.7 401.4 368.2 329 283 221.9 147.8
84.7 49.6 39 35.1 33.1 31.9 29.6 26.4 22.7 19.5 16.5 13.9 11 8.6 6.3 4.8 3.5 2.4 1.3 0.6 0.2 0.1 0 0
234.4 244.6 254 262.6 271.1 279.1 286.6 293 298.6 303.5 308.1 312.2 315.8 319.2 322.2 325 327 329.4 333.6
338.9 344 351 362 377.5 397.1 418 439 455.4 459.8 443 423.5 397.1 366.1 333.7 295.2 244.8 179 116.4 68.4 45.2
38.2 35.1 33.6 32.6 29.9 26.3 22.8 20.1 17.7 15 11.8 9.1 6.9 5.2 3.9 2.8 1.8 0.9 0.3 0.2 0.1 0
234.4 244.4 254 262.8 271.2 279.3 286.6 292.9 298.1 302.7 306.8 310.4 313.7 316.7 319 320.7 321.9 324 327.6
331.1 334.9 340.9 351 364.6 381.9 401.3 417.3 426.9 420.5 390.1 363.6 335.1 303.8 268.7 220 160 104.2 63.7
44.5 38.5 35.5 34.3 33.1 30.2 26.5 23.5 21.4 19.4 16.2 13.1 10.2 8 6.1 4.6 3.5 2.4 1.4 0.7 0.3 0.1 0 0
234.4 245.3 255.2 264.5 273.3 281.5 288.9 295.3 300.6 304.9 309 312.5 315.4 318.1 320 320.9 321.3 322.6 325
327.4 329.9 334.4 341.9 353.1 367.3 383.4 397.4 400.8 388 352.4 326.4 298.4 267.9 231.3 180.3 122.9 78.6 51.6
42 38.4 36.3 35.2 33 29.5 26.4 24.3 22.9 20.6 17.3 14 11.3 8.8 6.6 4.9 3.7 2.6 1.7 1 0.3 0.2 0 0
234.4 245.1 255.4 264.6 273.4 281.5 288.6 294.7 299.7 303.8 307.3 310.4 313 315.2 316.5 316.6 316.3 316.9
318.3 319.5 321.3 324.7 331.1 340.8 352.1 363.8 371.6 369.8 348.2 301.7 272.5 243 207.6 161.7 108.9 69.7 48.6
41.8 38.6 36.6 35.5 33 29.6 27.2 25.7 24.7 22.3 19.3 16.6 14.3 11.1 8.3 6.2 4.6 3.4 2.2 1.3 0.7 0.3 0.1 0 0
234.4 245.9 256.5 266.2 275.4 283.6 290.7 296.9 302.1 306 309.5 312.5 314.9 316.8 317.7 317.3 316.5 316.2
316.4 316.6 317.4 319.5 324 331.2 340.1 348.2 351 342.1 315.2 270.7 243.8 214.2 177.1 128.6 83.7 55.1 44.8
41.1 38.5 37.1 35.2 32.1 29.4 27.7 26.7 24.6 21.4 18.7 16.5 14.4 11.7 8.8 6.4 4.7 3.6 2.6 1.6 0.9 0.4 0.2 0 0
234.4 245.6 256.4 266.2 275.1 283.2 289.9 295.8 300.5 304.2 307.3 309.9 312.1 313.3 313.6 312.6 311.6 310.5
309.6 309.1 309.2 310.4 314.1 319.5 326 330.5 327.3 310.9 276.6 227.9 200 164.3 116.6 75.6 51.6 44.6 41.5
39.1 37.7 35.4 32.2 29.9 28.3 26.8 23.7 20.8 18.6 16.5 15.2 13.3 10.7 8 5.7 4.2 3.2 2.2 1.3 0.7 0.3 0.2 0 0
234.4 246.4 257.5 267.6 277.1 285.3 292.1 297.8 302.7 306.5 309.5 312.1 314 315 315 313.8 312.3 310.7 308.8
307.6 306.8 306.9 309.1 312.9 317.9 320.3 315 297.3 261.9 210.5 182.2 143.6 97.7 63.1 48.4 44.2 41.5 40 38.1
35.1 32.2 30.4 29 26.7 23.4 20.6 18.4 16.4 15.1 13.7 11.5 8.8 6.6 4.8 3.7 2.5 1.6 0.9 0.5 0.2 0 0
234.4 246.1 257.4 267.5 276.7 284.7 291 296.4 300.9 304.4 307.3 309.4 311.1 311.7 311.1 309.3 307.3 304.9 303
301.5 299.8 299.6 301.1 304.3 307.7 306.9 297.7 274.4 230.6 177.3 141.6 98.3 62 47.9 43.7 41.2 39.8 37.9 35
32.4 30.7 29.5 27.3 24.2 21.2 19.1 16.9 15.1 13.9 12.6 10.3 8.1 6.1 4.7 3.5 2.3 1.3 0.7 0.3 0.2 0 0
234.4 246.8 258.4 269 278.6 286.8 293.5 298.7 303.1 306.7 309.6 311.8 313 313.4 312.7 311 308.6 305.8 303.5
301.5 299.3 298.3 298.9 301.6 304.2 302.7 292.6 269.2 223.3 166.4 128.7 86.6 56.5 46.6 43.3 41.1 39.5 37.7 35
32.7 31.4 30.2 27.5 24.5 21.9 19.7 17.4 15.4 13.9 12.6 10.7 8.6 6.7 5.4 4.2 2.9 1.7 0.9 0.4 0.2 0 0
234.4 246.5 258.1 268.5 277.8 286 292.2 297.1 301.1 304.4 307.1 308.9 309.7 309.7 308.8 306.5 303.8 300.7
298.1 295.9 293.5 292.6 293.1 295.8 297 292.9 279.6 249.1 196.4 133.5 92.2 59.4 46.7 43.7 41.3 39.8 38.2 35.7
33.4 32 31.1 28.8 25.7 23.1 20.7 18.6 16.5 14.6 13 11.4 9.6 7.8 6.1 5 3.8 2.5 1.4 0.7 0.3 0.2 0 0
234.4 247.1 258.9 269.9 279.4 287.8 294.4 299.4 303.3 306.7 309.4 311.2 311.7 311.6 310.6 308.4 305.4 302.3
299.4 296.8 294 292.7 292.7 295.1 295.8 292 278.6 247.7 192.7 127.3 87.5 56.2 46.4 43.9 41.9 40.3 38.7 36.3
34.2 33.1 32.2 29.6 26.5 23.8 21.5 19.3 17.1 15.2 13.4 11.8 10 8.2 6.8 5.4 4.2 3 1.8 1.1 0.4 0.2 0 0
234.4 246.7 258.8 269.4 278.9 286.8 293 297.8 301.5 304.6 306.9 308.5 308.6 308 306.7 304.4 301.4 297.9 295.3
292.5 289.7 288.4 288.9 291.1 290.6 284.5 267.4 228.3 169.9 99.4 62.9 47.2 43.7 41.9 40.8 39.5 37.4 35 33.6
32.9 30.9 28.2 25.1 22.7 20.5 18.4 16.3 14.3 12.7 10.9 9.1 7.7 6.1 4.9 3.8 2.6 1.6 0.8 0.3 0.2 0 0
234.4 247.3 259.4 270.6 280.2 288.5 295.1 299.9 303.8 306.7 309.2 310.8 311.1 310.3 308.8 306.4 303.7 300.3
297.6 295.2 292.6 291.4 291.7 293.5 292.4 286.2 269.5 231.4 172 100.4 64.6 48.3 44.7 42.8 41.7 40.6 38.5 36.4
34.5 33.5 31.6 29.1 26.2 23.7 21.3 19.2 17 15 13.2 11.5 9.8 8 6.5 5.1 4.2 3 1.8 1.1 0.4 0.2 0 0
234.4 247 259 269.9 279.2 287.4 293.4 298.1 301.8 304.5 306.8 308 307.9 307 305.3 302.9 299.7 296.4 293.8
290.9 288.3 287.6 288.5 289.8 288.1 280.6 260.7 215.8 153.8 80.2 52.9 45.8 43 41.6 40.7 39.5 37.5 35.6 34.1
32.5 30.1 27.5 25.1 22.6 20.4 18.3 16.2 14.2 12.6 11 9.1 7.5 5.8 4.7 3.6 2.4 1.4 0.7 0.2 0.2 0 0
234.4 247.6 259.8 270.8 280.9 289.1 295.6 300.4 304.1 307.2 309.6 310.9 310.8 309.9 308.1 305.7 302.8 299.2
296.1 293.1 290.1 289.1 290.3 292.1 291.4 285 265.9 223.1 160.9 86 55.9 46.8 43.9 41.9 40.8 39.7 37.6 36 34.9
33.5 31 28.3 25.9 23.5 21.3 19.2 16.9 14.9 13.2 11.6 9.8 8 6.4 5 4 2.8 1.6 1 0.4 0.2 0 0
234.4 246.9 259.3 270.1 279.7 287.6 293.7 298.4 301.9 304.9 307 308.1 307.7 306.6 304.7 302.3 299.2 295.5
292.6 289.3 286.5 285.7 287.6 289.3 288 279.9 257.7 209.5 145.8 70.6 49.8 45.3 42.7 41 39.7 38.2 36.2 34.6
33.6 32.1 29.4 27 24.9 22.6 20.4 18.1 16 14.1 12.6 11 9 7.3 5.7 4.5 3.5 2.3 1.3 0.7 0.2 0.2 0 0
234.4 247.6 259.3 270.3 279.7 287.5 293.6 298.1 301.5 304.5 306.6 307.5 307.2 306 304.2 301.7 298.4 294.9
291.9 288.6 285.8 285.2 287.5 289 287.5 278.8 254.4 205.6 140.3 65.4 48.4 44.7 42.2 40.8 39.7 37.3 35.2 34.1
33.3 31.6 29.2 26.7 24.6 22.3 20.1 18 15.9 14 12.5 10.6 8.7 7 5.6 4.3 3.3 2.1 1.3 0.6 0.2 0.2 0 0
234.4 246.9 259.3 270.1 279.7 287.6 293.7 298.4 301.9 304.9 307 308.1 307.7 306.6 304.7 302.3 299.2 295.5
292.6 289.3 286.5 285.7 287.6 289.3 288 279.9 257.7 209.5 145.8 70.6 49.8 45.3 42.7 41 39.7 38.2 36.2 34.6
33.6 32.1 29.4 27 24.9 22.6 20.4 18.1 16 14.1 12.6 11 9 7.3 5.7 4.5 3.5 2.3 1.3 0.7 0.2 0.2 0 0
234.4 247.6 259.8 270.8 280.9 289.1 295.6 300.4 304.1 307.2 309.6 310.9 310.8 309.9 308.1 305.7 302.8 299.2
296.1 293.1 290.1 289.1 290.3 292.1 291.4 285 265.9 223.1 160.9 86 55.9 46.8 43.9 41.9 40.8 39.7 37.6 36 34.9
33.5 31 28.3 25.9 23.5 21.3 19.2 16.9 14.9 13.2 11.6 9.8 8 6.4 5 4 2.8 1.6 1 0.4 0.2 0 0
234.4 247 259 269.9 279.2 287.4 293.4 298.1 301.8 304.5 306.8 308 307.9 307 305.3 302.9 299.7 296.4 293.8
290.9 288.3 287.6 288.5 289.8 288.1 280.6 260.7 215.8 153.8 80.2 52.9 45.8 43 41.6 40.7 39.5 37.5 35.6 34.1
32.5 30.1 27.5 25.1 22.6 20.4 18.3 16.2 14.2 12.6 11 9.1 7.5 5.8 4.7 3.6 2.4 1.4 0.7 0.2 0.2 0 0
234.4 247.3 259.4 270.6 280.2 288.5 295.1 299.9 303.8 306.7 309.2 310.8 311.1 310.3 308.8 306.4 303.7 300.3
297.6 295.2 292.6 291.4 291.7 293.5 292.4 286.2 269.5 231.4 172 100.4 64.6 48.3 44.7 42.8 41.7 40.6 38.5 36.4

34.5 33.5 31.6 29.1 26.2 23.7 21.3 19.2 17 15 13.2 11.5 9.8 8 6.5 5.1 4.2 3 1.8 1.1 0.4 0.2 0 0
234.4 246.7 258.8 269.4 278.9 286.8 293 297.8 301.5 304.6 306.9 308.5 308.6 308 306.7 304.4 301.4 297.9 295.3
292.5 289.7 288.4 288.9 291.1 290.6 284.5 267.4 228.3 169.9 99.4 62.9 47.2 43.7 41.9 40.8 39.5 37.4 35 33.6

32.9 30.9 28.2 25.1 22.7 20.5 18.4 16.3 14.3 12.7 10.9 9.1 7.7 6.1 4.9 3.8 2.6 1.6 0.8 0.3 0.2 0 0
234.4 247.1 258.9 269.9 279.4 287.8 294.4 299.4 303.3 306.7 309.4 311.2 311.7 311.6 310.6 308.4 305.4 302.3
299.4 296.8 294 292.7 292.7 295.1 295.8 292 278.6 247.7 192.7 127.3 87.5 56.2 46.4 43.9 41.9 40.3 38.7 36.3

34.2 33.1 32.2 29.6 26.5 23.8 21.5 19.3 17.1 15.2 13.4 11.8 10 8.2 6.8 5.4 4.2 3 1.8 1.1 0.4 0.2 0 0
234.4 246.5 258.1 268.5 277.8 286 292.2 297.1 301.1 304.4 307.1 308.9 309.7 309.7 308.8 306.5 303.8 300.7
298.1 295.9 293.5 292.6 293.1 295.8 297 292.9 279.6 249.1 196.4 133.5 92.2 59.4 46.7 43.7 41.3 39.8 38.2 35.7

33.4 32 31.1 28.8 25.7 23.1 20.7 18.6 16.5 14.6 13 11.4 9.6 7.8 6.1 5 3.8 2.5 1.4 0.7 0.3 0.2 0 0
234.4 246.8 258.4 269 278.6 286.8 293.5 298.7 303.1 306.7 309.6 311.8 313 313.4 312.7 311 308.6 305.8 303.5
301.5 299.3 298.3 298.9 301.6 304.2 302.7 292.6 269.2 223.3 166.4 128.7 86.6 56.5 46.6 43.3 41.1 39.5 37.7 35

32.7 31.4 30.2 27.5 24.5 21.9 19.7 17.4 15.4 13.9 12.6 10.7 8.6 6.7 5.4 4.2 2.9 1.7 0.9 0.4 0.2 0 0
234.4 246.1 257.4 267.5 276.7 284.7 291 296.4 300.9 304.4 307.3 309.4 311.1 311.7 311.1 309.3 307.3 304.9 303
301.5 299.8 299.6 301.1 304.3 307.7 306.9 297.7 274.4 230.6 177.3 141.6 98.3 62 47.9 43.7 41.2 39.8 37.9 35

32.4 30.7 29.5 27.3 24.2 21.2 19.1 16.9 15.1 13.9 12.6 10.3 8.1 6.1 4.7 3.5 2.3 1.3 0.7 0.3 0.2 0 0
234.4 246.4 257.5 267.6 277.1 285.3 292.1 297.8 302.7 306.5 309.5 312.1 314 315 315 313.8 312.3 310.7 308.8
307.6 306.8 306.9 309.1 312.9 317.9 320.3 315 297.3 261.9 210.5 182.2 143.6 97.7 63.1 48.4 44.2 41.5 40 38.1

35.1 32.2 30.4 29 26.7 23.4 20.6 18.4 16.4 15.1 13.7 11.5 8.8 6.6 4.8 3.7 2.5 1.6 0.9 0.5 0.2 0 0
234.4 245.6 256.4 266.2 275.1 283.2 289.9 295.8 300.5 304.2 307.3 309.9 312.1 313.3 313.6 312.6 311.6 310.5
309.6 309.1 309.2 310.4 314.1 319.5 326 330.5 327.3 310.9 276.6 227.9 200 164.3 116.6 75.6 51.6 44.6 41.5

39.1 37.7 35.4 32.2 29.9 28.3 26.8 23.7 20.8 18.6 16.5 15.2 13.3 10.7 8 5.7 4.2 3.2 2.2 1.3 0.7 0.3 0.2 0 0
234.4 245.9 256.5 266.2 275.4 283.6 290.7 296.9 302.1 306 309.5 312.5 314.9 316.8 317.7 317.3 316.5 316.2
316.4 316.6 317.4 319.5 324 331.2 340.1 348.2 351 342.1 315.2 270.7 243.8 214.2 177.1 128.6 83.7 55.1 44.8

41.1 38.5 37.1 35.2 32.1 29.4 27.7 26.7 24.6 21.4 18.7 16.5 14.4 11.7 8.8 6.4 4.7 3.6 2.6 1.6 0.9 0.4 0.2 0 0
234.4 245.1 255.4 264.6 273.4 281.5 288.6 294.7 299.7 303.8 307.3 310.4 313 315.2 316.5 316.6 316.3 316.9
318.3 319.5 321.3 324.7 331.1 340.8 352.1 363.8 371.6 369.8 348.2 301.7 272.5 243 207.6 161.7 108.9 69.7 48.6

41.8 38.6 36.6 35.5 33 29.6 27.2 25.7 24.7 22.3 19.3 16.6 14.3 11.1 8.3 6.2 4.6 3.4 2.2 1.3 0.7 0.3 0.1 0 0
234.4 245.3 255.2 264.5 273.3 281.5 288.9 295.3 300.6 304.9 309 312.5 315.4 318.1 320 320.9 321.3 322.6 325
327.4 329.9 334.4 341.9 353.1 367.3 383.4 397.4 400.8 388 352.4 326.4 298.4 267.9 231.3 180.3 122.9 78.6 51.6

42 38.4 36.3 35.2 33 29.5 26.4 24.3 22.9 20.6 17.3 14 11.3 8.8 6.6 4.9 3.7 2.6 1.7 1 0.3 0.2 0 0
234.4 244.4 254 262.8 271.2 279.3 286.6 292.9 298.1 302.7 306.8 310.4 313.7 316.7 319 320.7 321.9 324 327.6
331.1 334.9 340.9 351 364.6 381.9 401.3 417.3 426.9 420.5 390.1 363.6 335.1 303.8 268.7 220 160 104.2 63.7

44.5 38.5 35.5 34.3 33.1 30.2 26.5 23.5 21.4 19.4 16.2 13.1 10.2 8 6.1 4.6 3.5 2.4 1.4 0.7 0.3 0.1 0 0
234.4 244.6 254 262.6 271.1 279.1 286.6 293 298.6 303.5 308.1 312.2 315.8 319.2 322.2 325 327 329.4 333.6
338.9 344 351 362 377.5 397.1 418 439 455.4 459.8 443 423.5 397.1 366.1 333.7 295.2 244.8 179 116.4 68.4 45.2

38.2 35.1 33.6 32.6 29.9 26.3 22.8 20.1 17.7 15 11.8 9.1 6.9 5.2 3.9 2.8 1.8 0.9 0.3 0.2 0.1 0
234.4 243.9 252.8 261 269.1 276.8 284.1 290.4 295.9 301 305.8 310.1 313.9 317.9 321.4 325.1 327.9 330.8 336.2
343.1 349.7 358.3 371.8 389.7 410.5 434.3 457.4 476.5 483.7 472 455.6 432.7 401.4 368.2 329 283 221.9 147.8

84.7 49.6 39 35.1 33.1 31.9 29.6 26.4 22.7 19.5 16.5 13.9 11 8.6 6.3 4.8 3.5 2.4 1.3 0.6 0.2 0.1 0 0
234.4 243.6 252.3 260.4 268.4 276.1 283.3 289.8 295.7 301 306.1 310.9 315.2 319.6 324 328.5 332.2 335.7 341.3
349.8 358 367.4 381.2 400 422.2 447.6 472.5 494.2 508.3 506.9 497.8 481.2 457.1 425.9 389.8 348.5 299.5 235.2

156.7 84.2 47 38.3 34.3 32.2 30.3 27.6 24.2 20.8 17.5 14.4 11.7 9.3 7.2 5.4 4.1 2.7 1.5 0.8 0.3 0.2 0.1 0
234.4 242.9 251.1 258.7 266.1 273.7 280.6 287.1 293 298.3 303.6 308.7 313.3 318.4 323.5 328.5 333 337.5 344.3
354.1 363.7 374.8 390.4 411.1 433.8 459.1 484.3 507.2 522.8 523.7 515.9 501.4 479.2 451.8 416.8 378 332.7
267.9 184.3 101.3 49.6 38.7 34.3 31.2 28.4 25.6 22.5 19.3 15.8 13.1 10.5 8.5 6.6 5.2 3.5 2.2 1.1 0.5 0.2 0.1
0 0
234.4 242.9 250.7 258.1 265.4 272.6 279.7 286.1 292.1 297.8 303.3 308.8 313.9 319.5 325.4 331.2 336.8 342
348.6 359.7 370.6 382.9 399.5 419 440.8 465.4 491.9 516.5 535.2 543 540.5 532.1 518.1 498.5 472.2 440.1 400.1

347.9 274 176.2 87.4 45.8 37.6 33.5 29.8 26.6 23.5 20.4 17.3 14.2 11.6 9.4 7.5 5.9 4.2 2.7 1.4 0.6 0.3 0.2 0 0
234.4 242 249.3 256.4 263.2 270.3 276.9 283.2 289.2 294.9 300.4 305.9 311.7 317.9 324.5 331 337.4 343.7 351.4
363.2 375.7 390.3 407.8 425.3 446.6 472.1 498.6 523.6 542.2 551.2 550.3 544.8 534.3 520.5 499.1 472.3 438.9

385.6 303.3 194.2 95 47.7 37.7 32.9 29.1 25.5 22.3 19.3 16.5 13.8 11.2 9.1 7.1 5.5 3.5 2 0.9 0.5 0.2 0.1 0 0
234.4 241.8 248.8 255.4 262.1 268.6 275.2 281.4 287.5 293.3 299 304.7 310.9 317.4 324.4 331.9 339.2 346.5
354.6 367.1 380.5 396.8 411.2 428.9 450.3 474.9 501.6 527 548.1 561.8 564.9 565.2 561.7 555.1 544.1 526.4
500.9 464.2 400.9 298.7 170.4 78.3 44.1 36.4 31.5 27.5 23.7 20.3 17.4 14.6 12 9.8 7.4 5.5 3.7 2.1 1.1 0.5 0.3
0.2 0 0
234.4 241.1 247.5 253.9 259.9 266.1 272.4 278.6 284.5 290.1 295.8 301.9 308.4 315.3 322.6 330.6 338.9 347.5
356.7 370.1 385.9 399.3 414.7 433.3 454.7 479.6 505 530.3 551.5 567.5 573.2 576.6 577 574.3 567.2 553.3 531.3
492.4 427.8 325.9 193.5 93.2 47.2 37.3 31.6 27 22.8 19.1 15.8 13.1 10.4 8.3 6.2 4.4 2.9 1.6 0.8 0.3 0.2 0.1 0
0
234.4 240.7 246.8 252.7 258.5 264.3 270.3 276.2 282 287.6 293.4 299.6 306.1 313.2 320.9 329.2 338.1 347.6
357.8 371.1 387.4 400.4 415.8 433.9 454.9 478.6 504 528.9 552.1 571.8 581 588.6 594.6 597.4 596.5 589.6 573.7
546.3 497.6 414.5 298.2 176.3 88.8 48.7 37.1 30.9 25.6 20.9 17.3 14.2 11.3 8.9 6.8 4.9 3.2 1.8 0.9 0.5 0.2
0.1 0.1 0
234.4 240.1 245.7 251 256.3 261.9 267.4 273.1 278.8 284.1 289.9 296.1 303 310.4 318.2 326.8 336 346.4 357.5
372.5 387.2 401 417.4 435.2 455.7 479.4 503.6 528.7 552.4 574 585 595.2 604.1 609 609.8 604.2 590.5 561.1

508.3 423 309.3 205.3 122.1 70.1 42.9 33.7 27.7 22.3 17.8 14.2 11.2 8.7 6.3 4.2 2.4 1.4 0.7 0.4 0.2 0.1 0 0
234.4 239.8 244.8 249.6 254.5 259.7 264.9 270.4 275.6 281 286.7 292.6 299.5 306.8 314.9 323.5 332.8 343.3
354.9 369.8 384.1 399.1 415 432.5 452 474.2 498.5 523.3 547.9 572.1 584.2 596.1 607.5 616.7 622 621.3 613.9
595.6 559.5 493.5 397 295.2 209.1 141.3 88.7 54.7 38.7 30.1 23.4 18.6 14.6 11.5 8.2 5.1 2.9 1.5 0.8 0.5 0.2
0.1 0.1 0
234.4 239 243.6 247.9 252.3 257 261.9 266.8 271.7 276.8 282.3 288.4 295.4 302.9 310.8 319.5 329 339.8 352
366.7 381 396.8 413.3 430.3 449 471.1 495 520 545.4 570.4 583.1 594.9 606 614.6 620.3 620.5 613.9 595.6 560.4

501.6 418.1 334.4 256 189.7 130 86 55.1 37.2 29 23.8 18.7 12.6 6.8 3.9 2 1.1 0.6 0.3 0.2 0.1 0 0
234.4 238.6 242.5 246.4 250.5 254.6 259.1 263.6 268.1 272.8 278 283.9 290.5 297.7 305.5 314.2 323.7 334.1
346.3 360.3 374.5 391.1 407.1 423.9 442 462.6 485.8 510.2 535.9 561.7 574.2 586.3 597.1 605.9 612.1 614.4
611.2 599.8 577.1 539.7 485 419.1 352 287.3 225.2 167.9 117.1 80.6 57.1 40.3 25.5 13 6.9 4.3 2.5 1.4 0.8 0.4
0.2 0.1 0.1 0
234.4 237.9 241.2 244.7 248.2 252.1 256.1 260.1 264.1 268.5 273.4 279.2 285.5 292.6 300.5 309.2 318.7 329.4
341.7 354.6 369.5 385.7 402.4 419 435.8 456.2 478.8 503 528.1 552.5 564.6 575.6 585.1 591.6 595.2 594.9 588.6
573.9 550.9 520.5 480.6 434.9 382.7 329.3 271.1 219.2 172.8 122.4 72.4 36.9 16.2 8.5 5.3 3.4 1.8 1 0.6 0.3
0.2 0.2 0.1 0
234.4 237.5 240.2 243 246.1 249.5 253.2 256.5 260.1 263.8 268.4 273.6 279.5 286.3 293.7 302 311.2 321.5 333.6
346.1 360.4 376.4 392.1 408.5 424.8 443.4 464.2 486.8 510.6 533.8 544.9 555.5 564.2 570.6 574 573.6 568.2
556.4 537.5 513.6 487.1 452.8 421.2 377.6 326.8 277.6 226.9 157.2 85.7 38.4 16.8 8.6 5.6 3.6 2 1.1 0.7 0.4
0.2 0.2 0.2 0
234.4 236.9 238.9 241.2 243.7 246.7 249.6 252.7 255.7 259.3 263.2 268.1 273.9 280.2 287.4 295.4 304.4 314.7
326.8 338.9 353.7 368.7 384 399.2 414.3 432.4 451.9 473.1 494.3 514.1 523.8 531.9 538.8 543.3 544.8 542.5
535.7 522.8 504.7 484.3 462.4 439.5 411.7 373.5 324.5 276 206.1 119.3 55.1 24.4 10.9 6.7 4.2 2.7 1.5 1 0.5
0.3 0.2 0.1 0.2 0
234.4 236.4 237.9 239.7 241.5 243.9 246.4 248.9 251.4 254.3 257.8 262 267.1 272.8 279.3 286.8 295.4 304.9
316.2 327.9 342.2 356.8 371 385.4 399.1 415.4 433 451.9 470.9 487.9 495.6 502.5 507.9 511.5 512.8 511.2 505.5
495.8 482.2 465.7 448 429.9 409 380.4 342 298.8 223.7 133.8 65.9 28.8 12.4 7.1 4.6 3 1.8 1.1 0.7 0.4 0.2 0.2
0.2 0
234.4 235.6 236.7 237.6 239 240.9 243 245 246.9 249.4 252.4 256.1 260.7 266.1 272 279.2 287.2 296.4 307.2
318.5 332.8 346.1 359.8 373 385.6 400.7 416.5 433.1 448.5 461.6 467.3 471.6 475 476.3 475.6 472.1 465.8 455.5

443.1 429.9 416 401.7 380.9 351.2 317.7 270.2 186.4 100.1 45.1 18.9 9.2 6 4 2.5 1.5 1 0.5 0.4 0.2 0.2 0.2 0
234.4 235.3 235.6 236.1 236.9 238 239.6 240.8 242.2 244 246.4 249.4 253.3 257.9 263.2 269.3 276.6 284.8 294.6

305.1 318.1 331 343.1 355.5 366.9 379.8 393.2 406.6 419 428.7 432.3 435 436.4 436.6 435.1 431.5 425.6 417.3
406.8 396 385.3 374.5 358.2 332.3 304.2 272.4 206.6 118.1 52.5 20.6 10 6.5 4.3 2.9 2 1.1 0.7 0.4 0.2 0.2 0.2 0
234.4 234.6 234.3 234.3 234.5 235.2 236.1 236.8 237.5 238.8 240.6 243.3 246.5 250.5 255 260.6 267.2 274.9
283.9 293.8 305.7 317 328 338.6 348.6 359.8 370.4 380.5 388.4 393.2 394.3 394.3 393 390.8 387 381.4 374.1
364.5 354.7 345.6 337 326.3 307.9 281.7 256.9 225.7 163.2 83.9 30.8 12.7 7.8 5.8 4 2.5 1.5 0.8 0.5 0.4 0.2
0.2 0.2 0
234.4 234 233 232.3 232.1 232.1 232.2 232.3 232.5 233.1 234.3 236.1 238.6 241.7 245.3 250 255.6 262.4 270.2
279 289.3 299.2 308.4 317.5 326.2 333.9 340.9 346.8 350.7 350.9 349.5 347 343.9 339.3 333.6 326.5 318 308.9
299.5 291 282.7 271.3 254.7 232.4 208.9 177.6 129.1 72.5 28.9 11.8 7.9 5.9 4.2 2.7 1.6 0.9 0.6 0.4 0.2 0.2
0.2 0
234.4 233.4 232.1 230.6 229.6 229.2 228.7 228.1 227.5 227.5 228 229.1 230.6 233 236 239.5 244.2 249.6 255.8
263.4 271.9 279.9 286.7 293.6 300 304.9 308.3 310 309.1 304.3 300.7 295.5 290.2 283.4 276.3 267.8 258.7 249.8
241 232.3 224.5 212.8 196.3 173.1 152.2 122.7 79.2 41.7 17.6 10 7.8 6 4.1 2.6 1.5 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 232.6 230.6 228.7 227.1 226 224.9 223.5 222.3 221.6 221.4 221.7 222.7 224.1 226.1 228.8 232.2 236.6
241.5 247.2 253.6 259.2 263.4 267.7 271.4 272.7 271.7 268.2 261.7 251.8 245.8 238.9 231.3 223.4 214.8 206.2
197.9 189.9 182.4 175.8 167.6 154.8 136.4 115.4 92.4 62.9 34.3 16.9 11.1 8.7 7 5.2 3.6 2.3 1.3 0.7 0.5 0.4
0.3 0.2 0.2 0
234.4 232.1 229.4 226.9 224.6 222.7 220.8 219.1 217 215.5 214.5 213.9 213.9 214.3 215 216.4 218.4 221 224.1
227.8 231.9 234.9 236.6 237.9 238.6 236.3 231.1 224.1 214.9 203.7 195.8 190 183.1 175 167.3 159.5 152.3 145.9
140.1 134 127.5 116.2 100.8 80.6 60.5 38.1 21.2 13.7 10.8 8.7 7 5.3 3.8 2.4 1.4 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 231.5 228.2 225 222.1 219.7 217.2 214.4 211.8 209.6 207.9 206.5 205.4 204.9 204.5 204.6 205.2 206.2
207.3 208.9 210.6 210.7 209.5 207.5 204.6 199.6 192.7 184.2 174.1 162.7 156.3 149.6 142.7 135.8 128.9 122.6
116.9 111.7 106.6 101.3 93.7 82 65.3 47.3 31.6 20.4 14.6 11.8 9.5 7.8 6.3 4.6 3.2 2 1.3 0.7 0.5 0.4 0.3 0.2
0.2 0
234.4 230.8 227.1 223.1 219.6 216.4 213.2 209.9 206.6 203.6 200.9 198.5 196.5 194.8 192.9 191.5 190.3 189.5
188.6 187.7 187.1 184.9 181.2 176.9 172.3 167.4 160.8 152.8 143.1 132.2 126.8 120.5 114.9 108.8 103.5 98.1
93.1 88.7 84.4 79.2 72 61.1 47.4 33.8 23.7 17.4 14 11.9 9.7 7.9 6.3 4.8 3.4 2.2 1.4 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 230.2 225.9 221.4 217 213.3 209.5 205.4 201.3 197.5 194.2 190.7 187.6 184.5 181.5 178.7 175.8 173.2
170.6 167.7 164.4 160.1 154.8 149.5 144.6 139.3 132.8 125 116 106.5 101.6 96.5 91.6 87 82.4 78.2 74.3 70.1
65.7 59.8 51.6 41 30.8 23 18.2 15.1 12.6 10.5 8.8 7.2 5.6 4.2 2.9 1.8 1.2 0.7 0.5 0.4 0.3 0.2 0.3 0
234.4 229.6 224.7 219.7 214.7 210.2 205.6 201 196.1 191.4 187.2 182.7 178.6 174.2 169.9 165.4 161.2 156.9
152.6 147.8 142.9 137.6 132.5 127 121.6 116.4 110.3 103.6 95.8 87.6 84 79.6 76 72.2 68.6 65 61.4 57.9 53.9
47.9 40.8 33 26.1 21 17.7 15 12.5 10.5 8.5 6.7 5.4 4.2 3.1 2 1.3 0.8 0.5 0.4 0.3 0.2 0.2 0
234.4 229.1 223.5 217.7 212.3 207 201.9 196.4 190.8 185.4 180 174.7 169.3 163.7 158.2 152.6 146.8 141.2 135.3
129.5 123.8 118.5 113.1 107.9 102.7 97.2 91.4 84.9 78.2 71.6 68.7 65.7 62.6 59.9 56.9 54.1 51 47.6 43.4 38
32.2 26.5 22 18.5 15.4 12.8 10.6 8.7 7.3 6.1 4.9 3.9 2.8 1.7 1.1 0.7 0.5 0.4 0.3 0.2 0.3 0
234.4 228.6 222.2 216.1 209.9 204 198.2 192.2 185.8 179.4 173.2 166.8 160.6 154.1 147.2 140.5 133.6 126.9
120.2 113.8 108.1 102.9 97.9 92.9 87.9 82.6 77.4 71.9 66.2 61 58.4 55.8 53.6 51 48.5 45.8 43 40 36.6 31.5
27.5 23.7 20.7 17.5 15 12.7 10.9 9.4 7.9 6.3 5.2 4.1 3.1 2 1.3 0.8 0.5 0.4 0.3 0.2 0.2 0
234.4 228.1 221.1 214.1 207.4 201.1 194.5 187.6 180.4 173.3 166.1 159 151.7 144.1 136.2 128.6 120.8 113.5
106.5 100.5 95.2 90.4 85.7 81.2 76.7 71.8 66.9 62.3 57.7 53.4 51.3 49.1 46.9 44.6 42.2 39.8 37.1 33.7 30.6
27.7 24.8 21.9 19.3 16.7 14.3 12.5 10.7 9.3 7.8 6.4 5 3.9 2.9 1.9 1.3 0.8 0.5 0.4 0.3 0.2 0.3 0
234.4 227.5 220.4 212.7 205.2 198 190.9 183.7 175.8 167.8 159.9 151.8 143.8 135.4 126.7 118.5 110.4 103 96.4
90.8 86.1 81.7 77.4 73.3 69.3 65 61 57.2 53.3 49.5 47.6 45.5 43.7 41.6 39.5 36.9 34.2 31.7 29.3 26.6 24.1
21.4 19.1 16.6 14.6 12.7 11.2 9.8 8.5 7.1 5.9 4.4 3.4 2.2 1.4 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 226.8 218.9 210.8 202.9 195.1 187.2 179.1 170.5 161.7 153 144.1 135.1 125.9 116.9 108.5 100.6 93.9 88.2
83.5 79.4 75.6 71.7 68 64.5 61 57.4 54.1 50.7 47 45.3 43.2 41.3 38.9 36.6 34.3 31.9 29.7 27.4 24.7 22.2 19.9
17.8 15.7 14 12.3 10.9 9.5 8.3 7.1 5.8 4.5 3.3 2 1.3 0.8 0.5 0.4 0.2 0.2 0.2 0
234.4 226.4 218.1 209.6 200.9 192.4 183.8 175.4 166.2 156.7 147.2 137.5 128.1 118.5 109.4 101.1 93.8 87.8
82.8 78.9 75.3 71.9 68.6 65.1 61.7 58.7 55.6 52.5 49.3 45.8 44 41.9 39.7 37.4 35.3 33 30.8 28.7 26.5 24.1
21.9 19.8 17.9 16.1 14.4 12.7 11 9.8 8.5 7.2 6.1 4.7 3.5 2.2 1.4 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 225.9 216.9 207.6 198.5 189.4 180.2 170.8 161.2 151.1 140.6 130.5 120.2 110.6 101.9 94.4 88.1 83.1 79
75.7 72.5 69.5 66.3 62.9 59.8 56.8 54 51 47.8 44.4 42.1 40 37.8 35.8 33.7 31.5 29.3 27.3 25.1 22.9 20.9 19.1
17.3 15.5 13.8 12.3 10.6 9.1 7.6 6.3 5 4 3 1.9 1.3 0.8 0.5 0.3 0.2 0.2 0.2 0
234.4 225.4 216.1 206.4 196.5 187 177.2 167.5 157.4 146.5 135.8 124.7 114.4 104.9 96.6 89.9 84.3 80.1 76.6
73.6 70.9 68.1 65.1 61.8 58.8 55.8 52.9 50 46.9 43.1 41.1 39 37.3 35.1 33.2 31.1 29.1 27 25.1 23 21.2 19.4
17.7 15.9 14.4 12.6 11 9.4 8 6.7 5.5 4.2 3.2 2.2 1.4 0.9 0.5 0.4 0.2 0.2 0.2 0
234.4 225 214.9 204.6 194.5 184.2 173.9 163.4 152.6 141.2 129.6 118.3 107.8 99 91.8 86.2 81.6 78.1 75.2 72.5
69.9 67.1 64 61.1 58.1 55.2 52.3 49.3 45.8 41.8 39.9 38 35.9 34 32 30 28.2 26.3 24.4 22.7 21 19.3 17.6 15.9
14.2 12.5 10.9 9.3 7.9 6.6 5.3 4.2 3 2.1 1.3 0.8 0.5 0.3 0.2 0.2 0.2 0
234.4 224.4 214.2 203.7 192.6 181.9 171 160.4 149.1 137.2 125.1 113.4 103.5 95.2 88.4 83.5 79.7 76.8 74 71.6
69.2 66.5 63.5 60.6 57.8 54.9 51.9 48.9 45.1 41.3 39.5 37.4 35.6 33.6 31.8 29.9 28.1 26.4 24.8 23 21.3 19.9
18.3 16.4 14.9 13.2 11.4 9.9 8.4 7.1 5.8 4.5 3.4 2.3 1.4 0.9 0.5 0.3 0.2 0.2 0.2 0
234.4 224 213.1 201.9 190.5 179.3 167.9 156.5 144.5 132.1 119.4 108.2 98.5 91.4 85.9 81.8 78.6 75.9 73.6 71.4
68.9 66.1 63.2 60.4 57.5 54.5 51.7 48.1 44.3 40.6 38.7 36.8 34.9 33 31.1 29.5 27.8 26.1 24.4 22.8 21.3 19.8
18.2 16.4 14.7 13.1 11.5 10 8.5 7 5.6 4.2 3.2 2.1 1.3 0.8 0.5 0.2 0.2 0.2 0.2 0
234.4 223.6 212.5 201.1 189.1 177.5 165.6 154.1 141.7 128.6 115.8 104.3 95.7 89 84.1 80.6 77.7 75.3 73.1 70.8
68.4 65.7 63 60.3 57.3 54.2 51.4 47.6 44.2 40.4 38.6 36.6 34.8 33 31.4 29.8 28.2 26.6 25.1 23.3 21.9 20.3
18.6 16.9 15.3 13.6 12 10.7 9.1 7.5 6 4.6 3.5 2.4 1.6 1 0.5 0.3 0.2 0.2 0.2 0
234.4 223.2 211.7 199.5 187.3 175.1 162.7 150.3 137.3 123.8 111.2 100.6 92.6 87 83.1 79.9 77.4 75.3 73.1 71
68.5 65.8 62.9 60.3 57.2 54.3 51.1 47.4 43.8 40.1 38.2 36.4 34.5 33 31.4 29.7 28.2 26.7 25.1 23.5 21.7 20.1
18.4 16.7 15.1 13.5 12.1 10.6 9 7.2 5.6 4.2 3.2 2.2 1.5 0.8 0.5 0.2 0.2 0.2 0.2 0
234.4 222.7 211.1 198.6 185.9 173.3 160.7 148.2 134.7 120.8 108.1 98 90.7 85.7 81.9 79.2 76.8 74.7 72.6 70.6
68.3 65.7 62.8 60.3 57.3 54.3 50.7 47.3 43.8 40.3 38.6 36.7 35.3 33.7 32.1 30.6 29.2 27.5 26 24.2 22.5 20.7
19.1 17.4 15.8 14.3 12.6 11.2 9.6 7.8 6 4.6 3.7 2.5 1.6 1 0.5 0.3 0.2 0.2 0.2 0
234.4 222.5 210.2 197.1 184.1 171.1 158.1 144.5 130.6 116.5 104.2 95.2 89 84.8 81.6 79.2 77 74.8 72.8 70.8
68.6 65.9 63.1 60.6 57.5 54.3 50.8 47.2 43.9 40.3 38.8 37.2 35.7 34.2 32.7 31.2 29.7 28.1 26.5 24.7 22.9 21.2
19.5 17.9 16.3 14.7 12.9 11.2 9.3 7.4 5.8 4.5 3.4 2.4 1.5 0.8 0.5 0.2 0.2 0.2 0.2 0
234.4 222.1 209.8 196.6 183.1 169.9 156.5 142.9 128.8 114.2 102.3 93.4 87.8 83.8 81 78.8 76.7 74.5 72.5 70.6
68.5 66.1 63.3 60.7 57.8 54.2 50.9 47.4 44 40.7 39.2 37.6 36.3 34.7 33.2 31.8 30.1 28.8 27.2 25.4 23.7 21.9
20.5 18.9 17.5 15.8 13.9 12.4 10.4 8.3 6.6 5 3.8 2.8 1.8 1 0.5 0.3 0.2 0.2 0.2 0
234.4 221.8 208.9 195.3 181.6 168 154.2 139.8 125 110.8 99.4 91.8 87 83.6 81.1 79 76.9 74.9 72.9 71 69 66.5
63.7 61.3 58.1 54.5 51.1 47.5 44.1 41.1 39.6 38 36.6 34.9 33.3 31.7 30.2 28.6 26.8 25.1 23.3 21.7 20.3 18.9
17.4 15.6 13.9 12.1 10.3 8.4 6.9 5.3 3.9 2.7 1.7 1 0.5 0.2 0.2 0.2 0.2 0
234.4 221.4 208.6 194.9 180.7 166.8 153 138.6 123.5 108.9 97.8 90.4 85.9 82.8 80.4 78.5 76.4 74.5 72.7 71 69
66.5 64 61.7 58.3 54.8 51.4 47.9 44.7 41.7 40.2 38.5 37 35.4 33.9 32.2 30.5 28.9 27 25.2 23.6 22 20.6 19.1
17.4 15.6 13.7 12.1 10.4 8.8 7.3 5.8 4.5 3.2 2.2 1.3 0.6 0.3 0.2 0.2 0.2 0
234.4 221.2 207.8 193.5 179.2 165.1 150.8 135.7 120 106 95.9 89.6 85.6 82.8 80.7 78.9 76.9 75.1 73.4 71.7
69.7 67.2 64.8 62.2 58.6 55.2 51.7 48.4 45.4 42.3 40.7 39.2 37.5 35.8 34.1 32.4 30.7 28.8 27 25.3 23.5 22
20.5 18.9 16.9 15 13.1 11.4 9.7 8.1 6.7 5.3 4.2 3 2 1.2 0.5 0.2 0.2 0.2 0.2 0
234.4 220.9 207.6 193.4 178.9 164.4 150 135 119.4 105 95 88.6 84.9 82.2 80.1 78.4 76.4 74.7 73.3 71.6 69.8
67.5 65.2 62.8 59.2 55.6 52.1 49 46.2 43.2 41.6 39.8 38.3 36.5 35 33.3 31.4 29.4 27.7 26 24.3 22.5 21 19.3
17.4 15.5 13.4 11.8 10.2 8.6 7.1 5.7 4.5 3.4 2.3 1.4 0.7 0.3 0.2 0.2 0.2 0
234.4 220.9 206.9 192.4 177.6 162.9 148.2 132.4 116.3 103 94 88.2 85 82.4 80.4 78.8 76.9 75.2 73.8 72.4 70.5
68.2 67 64.6 60.6 56.6 53 50.2 47.3 44.1 42.5 40.7 39.1 37.4 35.7 33.8 31.7 29.8 28.2 26.2 24.6 22.9 21 19.3
17.4 15.4 13.6 11.8 10.2 8.5 7 5.6 4.3 3.2 2.1 1.4 0.6 0.2 0.2 0.2 0.2 0
234.4 220.5 206.7 192.2 177.3 162.6 147.9 132.2 116.1 102.3 93.1 87.6 84.3 81.9 79.8 78.2 76.4 74.8 73.5 72.1
70.4 68.3 67.2 65.4 62 58.1 54.8 52.2 49.2 45.7 44.2 42.2 40.7 38.9 37.3 35.4 33 31.1 29.2 27.3 25.6 23.9

22.1 20.1 18.3 16.3 14.4 12.7 11.1 9.4 7.6 5.9 4.6 3.7 2.6 1.6 0.8 0.3 0.2 0.2 0.2 0.2
234.4 220.5 206.1 191.1 176.2 161.3 146 129.9 113.5 100.7 92.6 87.5 84.4 82.1 80.2 78.5 76.8 75.4 74.1 72.7
70.9 68.8 68 65.5 62.5 58.9 54 51 47.6 45.9 44.4 42.8 41.1 38.8 36.4 34.1 31.9 29.9 28.1 26.3 24.4 22.4
20.5 18.6 16.6 14.8 12.9 10.9 8.8 7.3 6.2 4.7 3.7 2.5 1.5 0.7 0.2 0.2 0.1 0.2 0
234.4 220.3 206.2 191.4 176.3 161.4 146.1 130.2 113.7 100.4 92.1 87.1 84.1 81.7 79.8 78.2 76.4 75 73.8 72.6
70.8 68.5 67.4 65.1 62.2 58.9 56.4 54.3 51.8 48.4 46.9 45.2 43.8 42.1 40.2 37.6 35.3 33.3 31.4 29.2 27.5 25.7
23.6 21.4 19.5 17.6 15.6 13.4 11.6 9.2 7.8 6.4 5.1 4.2 2.9 1.7 0.7 0.3 0.2 0.2 0.2 0.2
234.4 220.5 206.1 191.1 176.2 161.3 146 129.9 113.5 100.7 92.6 87.5 84.4 82.1 80.2 78.5 76.8 75.4 74.1 72.7
70.9 68.8 68 65.5 62.5 58.9 56.2 54 51 47.6 45.9 44.4 42.8 41.1 38.8 36.4 34.1 31.9 29.9 28.1 26.3 24.4 22.4
20.5 18.6 16.6 14.8 12.9 10.9 8.8 7.2 6 4.7 3.7 2.5 1.5 0.7 0.2 0.2 0.1 0.2 0
234.4 220.5 206.7 192.2 177.3 162.6 147.9 132.2 116.1 102.3 93.1 87.6 84.3 81.9 79.8 78.2 76.4 74.8 73.5 72.1
70.4 68.3 67.2 65.4 62 58.1 54.8 52.2 49.2 45.7 44.2 42.2 40.7 38.9 37.3 35.4 33 31.1 29.2 27.3 25.6 23.9
22.1 20.1 18.3 16.3 14.4 12.7 11.1 9.4 7.6 5.9 4.6 3.7 2.6 1.6 0.8 0.3 0.2 0.2 0.2 0
234.4 220.9 206.9 192.4 177.6 162.9 148.2 132.4 116.3 103.94 88.2 85 82.4 80.4 78.8 76.9 75.2 73.8 72.4 70.5
68.2 67 64.6 60.6 56.6 53 50.2 47.3 44 41.2 42.5 40.7 39.1 37.4 35.7 33.8 31.7 29.8 28.8 26.2 24.6 22.9 21 19.3
17.4 15.4 13.6 11.8 10.2 8.5 7 5.6 4.3 3.2 2.1 1.4 0.6 0.2 0.2 0.2 0
234.4 220.9 207.6 193.4 178.9 164.4 150 135 119.4 105 95 88.6 84.9 82.2 80.1 78.4 76.4 74.7 73.3 71.6 69.8
67.5 65.2 62.8 59.2 55.6 52.1 49 46.2 43.2 41.6 39.8 38.3 36.5 35 33.3 31.4 29.4 27.7 26 24.3 22.5 21 19.3
17.4 15.5 13.4 11.8 10.2 8.6 7.1 5.7 4.5 3.4 2.3 1.4 0.7 0.3 0.2 0.2 0
234.4 221.2 207.8 193.5 179.2 165.1 150.8 135.7 120 106 95.9 89.6 85.6 82.8 80.7 78.9 76.9 75.1 73.4 71.7
69.7 67.2 64.8 62.2 58.6 55 51.7 48.8 45.4 42.3 40.7 39.2 37.5 35.8 34.1 32.4 30.7 28.8 27 25.3 23.5 22

234.4 228.1 221.1 214.1 207.4 201.1 194.5 187.6 180.4 173.3 166.1 159 151.7 144.1 136.2 128.6 120.8 113.5
106.5 100.5 95.2 90.4 85.7 81.2 76.7 71.8 66.9 62.3 57.7 53.4 51.3 49.1 46.9 44.6 42.2 39.8 37.1 33.7 30.6
27.7 24.8 21.9 19.3 16.7 14.3 12.5 10.7 9.3 7.8 6.4 5 3.9 2.9 1.9 1.3 0.8 0.5 0.4 0.3 0.2 0.3 0
234.4 228.6 222.2 216.1 209.9 204 198.2 192.2 185.8 179.4 173.2 166.8 160.6 154.1 147.2 140.5 133.6 126.9
120.2 113.8 108.1 102.9 97.9 92.9 87.9 82.6 77.4 71.9 66.2 61 58.4 55.8 53.6 51 48.5 45.8 43 40 36.6 31.5
27.5 23.7 20.7 17.5 15 12.7 10.9 9.4 7.9 6.3 5.2 4.1 3.1 2 1.3 0.8 0.5 0.4 0.3 0.2 0.2 0
234.4 229.1 223.5 217.7 212.3 207 201.9 196.4 190.8 185.4 180 174.7 169.3 163.7 158.2 152.6 146.8 141.2 135.3
129.5 123.8 118.5 113.1 107.9 102.7 97.2 91.4 84.9 78.2 71.6 68.7 65.7 62.6 59.9 56.9 54.1 51 47.6 43.4 38
32.2 26.5 22 18.5 15.4 12.8 10.6 8.7 7.3 6.1 4.9 3.9 2.8 1.7 1.1 0.7 0.5 0.4 0.3 0.2 0.3 0
234.4 229.6 224.7 219.7 214.7 210.2 205.6 201 196.1 191.4 187.2 182.7 178.6 174.2 169.9 165.4 161.2 156.9
152.6 147.8 142.9 137.6 132.5 127 121.6 116.4 110.3 103.6 95.8 87.6 84 79.6 76 72.2 68.6 65 61.4 57.9 53.9
47.9 40.8 33 26.1 21 17.7 15 12.5 10.5 8.5 6.7 5.4 4.2 3.1 2 1.3 0.8 0.5 0.4 0.3 0.2 0.2 0
234.4 230.2 225.9 221.4 217 213.3 209.5 205.4 201.3 197.5 194.2 190.7 187.6 184.5 181.5 178.7 175.8 173.2
170.6 167.7 164.4 160.1 154.8 149.5 144.6 139.3 132.8 125 116 106.5 101.6 96.5 91.6 87 82.4 78.2 74.3 70.1
65.7 59.8 51.6 41 30.8 23 18.2 15.1 12.6 10.5 8.8 7.2 5.6 4.2 2.9 1.8 1.2 0.7 0.5 0.4 0.3 0.2 0.3 0
234.4 230.8 227.1 223.1 219.6 216.4 213.2 209.9 206.6 203.6 200.9 198.5 196.5 194.8 192.9 191.5 190.3 189.5
188.6 187.7 187.1 184.9 181.2 176.9 172.3 167.4 160.8 152.8 143.1 132.2 126.8 120.5 114.9 108.8 103.5 98.1
93.1 88.7 84.4 79.2 72 61.1 47.4 33.8 23.7 17.4 14 11.9 9.7 7.9 6.3 4.8 3.4 2.2 1.4 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 231.5 228.2 225 222.1 219.7 217.2 214.4 211.8 209.6 207.9 206.5 205.4 204.9 204.5 204.6 205.2 206.2
207.3 208.9 210.6 210.7 209.5 207.5 204.6 199.6 192.7 184.2 174.1 162.7 156.3 149.6 142.7 135.8 128.9 122.6
116.9 111.7 106.6 101.3 93.7 82 65.3 47.3 31.6 20.4 14.6 11.8 9.5 7.8 6.3 4.6 3.2 2 1.3 0.7 0.5 0.4 0.3 0.2
0.2 0
234.4 232.1 229.4 226.9 224.6 222.7 220.8 219.1 217 215.5 214.5 213.9 213.9 214.3 215 216.4 218.4 221 224.1
227.8 231.9 234.9 236.6 237.9 238.6 236.3 231.1 224.1 214.9 203.7 195.8 190 183.1 175 167.3 159.5 152.3 145.9
140.1 134 127.5 116.2 100.8 80.6 60.5 38.1 21.2 13.7 10.8 8.7 7 5.3 3.8 2.4 1.4 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 232.6 230.6 228.7 227.1 226 224.9 223.5 222.3 221.6 221.4 221.7 222.7 224.1 226.1 228.8 232.2 236.6
241.5 247.2 253.6 259.2 263.4 267.7 271.4 272.7 271.7 268.2 261.7 251.8 245.8 238.9 231.3 223.4 214.8 206.2
197.9 189.9 182.4 175.8 167.6 154.8 136.4 115.4 92.4 62.9 34.3 16.9 11.1 8.7 7 5.2 3.6 2.3 1.3 0.7 0.5 0.4
0.3 0.2 0.2 0
234.4 233.4 232.1 230.6 229.6 229.2 228.7 228.1 227.5 227.5 228 229.1 230.6 233 236 239.5 244.2 249.6 255.8
263.4 271.9 279.9 286.7 293.6 300 304.9 308.3 310 309.1 304.3 300.7 295.5 290.2 283.4 276.3 267.8 258.7 249.8
241 232.3 224.5 212.8 196.3 173.1 152.2 122.7 79.2 41.7 17.6 10 7.8 6 4.1 2.6 1.5 0.9 0.5 0.4 0.3 0.2 0.2 0
234.4 234 233 232.3 232.1 232.1 232.2 232.3 232.5 233.1 234.3 236.1 238.6 241.7 245.3 250 255.6 262.4 270.2
279 289.3 299.2 308.4 317.5 326.2 333.9 340.9 346.8 350.7 350.9 349.5 347 343.9 339.3 333.6 326.5 318 308.9
299.5 291 282.7 271.3 254.7 232.4 208.9 177.6 129.1 72.5 28.9 11.8 7.9 5.9 4.2 2.7 1.6 0.9 0.6 0.4 0.2 0.2
0.2 0

Created Date: 05-10-2022