

CORE — C S300 – 250 – 50 DT

Product Spec	Product Type	Colour Temperature	Lens Type
CS300: 300mm Socket (Standard)	250: 250 Type	50: 5000K (Standard)	DT : Transparent lens
CS180: 180mm Socket	400: 400 Type	40: 4000K	DK : Glare lens
CS400: 400mm Socket	700: 700 Type	30: 3000K	HT : 80 degree lens
CTU: Pendant	1000: 1000 Type	24: 2400K	
CNA: Flood-Style			
CFR: Eye bolt - Style			
	IP65	IP67	  
		TIS 1955-2551	

LAMP SPECIFICATIONS				
MODEL	High-bay LED250 CORE	High-bay LED400 CORE	High-bay LED700 CORE	High-bay LED1000 CORE
Power Consumption	50W	87W	135W	260W
Luminous	Transparent	7910lm / 158.2lm/W	13841lm / 159.1lm/W	22075lm / 163.5lm/W
	Glare	7130lm / 142.6lm/W	12580lm / 144.6lm/W	19278lm / 142.8lm/W
Colour Rendering Index (CRI)	Ra70	Ra70	Ra70	Ra70
Beam Angle	115°	115°/80°	115°/80°	115°/50°
Operating Temperature	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Colour Temperature	5000K/4000K/3000K/2400K	5000K/4000K/3000K/2400K	5000K/4000K/3000K/2400K	5000K/4000K/3000K/2400K
Life Span (70% Lumen maintenance)	60000h	60000h	60000h	60000h
IP Rating	IP65/IP67	IP65/IP67	IP65/IP67	IP65/IP67
Warranty	5 years	5 years	5 years	5 years

※ Operating temperature are the range in nstallation environment that does not interfere with the heat radiation
※ Specification updated in Jul 2016. Product specification may change without prior notice

DRIVER SPECIFICATIONS				
High-bayLED CORE				
Product name	50Driver	90 Driver	150Driver	280 Driver
Model name	NSP250-50	NSP400-90	NSP700-150	NSP1000-280
Constant AC Supply	AC100V/200V/220V	AC100V/200V/220V	AC100V/200V/220V	AC100V/200V/220V
Dimension	75mm×44mm×189mm	75mm×44mm×243mm	75mm×44mm×243mm	98mm×44mm×235mm
Weight	1100g	1400g	1450g	1950g
Input Voltage	AC100V~AC240V	AC100V~AC254V	AC100V~AC254V	AC100V~AC254V
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Input Current	0.50A(100V) 0.25A(200V)	0.90A(100V) 0.45A(200V)	1.50A(100V) 0.75A(200V)	2.80A(100V) 1.40A(200V)
Output Voltage	DC42V	DC42V	DC42V	DC150V
IP Rating	IP67	IP67	IP67	IP67
Power Efficiency	100V:99%/200V:98%	100V:99%/200V:98%	100V:99%/200V:98%	100V:99%/200V:98%

※ Specification updated in Jul 2016. Product specification may change without prior notice

Development & Manufacture



Kanto office

1503-1, Osone, Yashio-shi, Saitama-pref, Japan. P.O 340-0834
TEL.+81-48-951-1041 FAX.+81-48-951-1042

Head office

2-20, Motourayashiki, Kadonowakiaza, Ishinomaki-shi, Miyagi-pref, Japan. P.O 986-0853

URL

http://led-clair.jp/eng

Mail

enquiry@niinuma.jp

Contact Us

COOL CHOICE

未来のために、いま選ぼう。

NEW RELEASE



CLAIR HIGH-BAY LED

CORE

SERIES



http://led-clair.jp

CS Style

SOCKET Style (E39)

250 CORE

400 CORE

700 CORE

※ Do not have 1000 Type Socket



CS300-250-50DT
700g (Lamp body)



CS300-400-50DT
1030g (Lamp body)



CS300-700-50DT
1560g (Lamp body)

※ Required using included fall prevention wire
※ There are 180mm/300mm/400mm socket
※ In case of replacement an existing lighting,
please remove existing reflector

CTU Style

PENDANT Style

250 CORE

400 CORE

700 CORE

1000 CORE



CTU-250-50DT
2780 g (Arm & Driver combined)



CTU-400-50DT
2940 g (Arm & Driver combined)



CTU-700-50DT
3520 g (Arm & Driver combined)



CTU-1000-50DT
6230 g (Arm & Driver combined)

CNA Style

FLOOD Style

250 CORE

400 CORE

700 CORE

1000 CORE



CNA-250-50DK
2920g(Arm & Driver combined)



CNA-400-50DK
3260g(Arm & Driver combined)



CNA-700-50DK
3840g(Arm & Driver combined)



CNA-1000-50DK
7560g (Arm & Driver combined)

CFR Style

EYE BOLT Style

250 CORE

400 CORE

700 CORE

1000 CORE

φ 164mm

φ 224mm

φ 299mm

φ 430mm



CFR-250-50DK
650g (Lamp body)



CFR-400-50DK
980g (Lamp body)



CFR-700-50DK
1510g (Lamp body)



CFR-1000-50DK
3220 g (Lamp body)

※ Required using included fall prevention wire ※ Chain sold separately

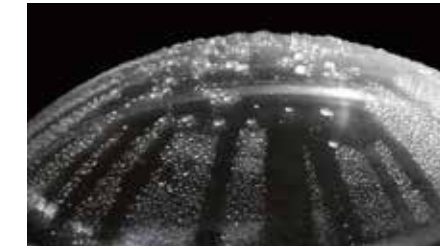
Various Options

Colour Temperature



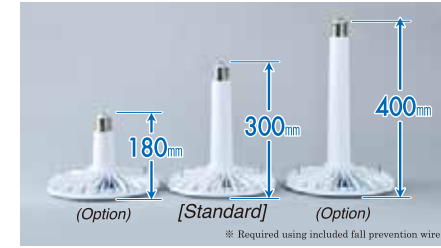
*Pre-order required beside 5000K

Lens Coating



Water/ Oil repellent, anti-fouling

Sockets



Socket Shade

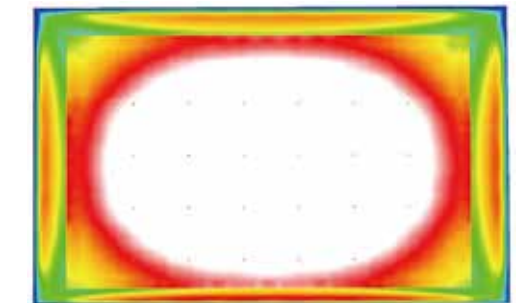


Lens



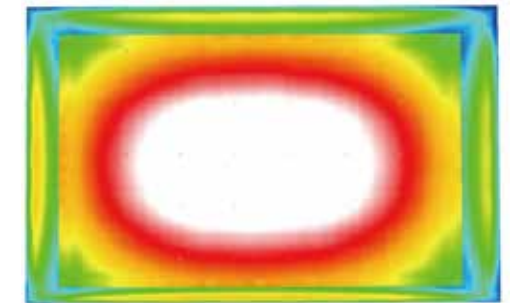
Illuminance Simulation

700 Type Transparent lens (40 sets)



	100	200	300	400	500	600	700	800	900 lx
Surface									
Workplane									
Floor									
Ceiling									
Walls (4)									

700 Type Glare lens (40 sets)



	100	200	300	400	500	600	700	800	900 lx
Surface									
Workplane									
Floor									
Ceiling									
Walls (4)									

Mounting Guide

By HID Lamp

Substitute Product Guide

High-bayLED [CORE]	Existing HID Lamp			
250(46W)	Self-Ballasted 300W [BHRF300W]	Mercury 250W [HF250X]	Metal Halide 200W [MF200]	High-pressure Sodium 180W [NH180]
400(87W)	Self-Ballasted 500W [BHRF500W]	Mercury 400W [HF400X]	Metal Halide 250W/300W [MF250/MF300]	High-pressure Sodium 220W [NH220]
700(135W)		Mercury 700W [HF700X]	Metal Halide 400W [MF400]	High-pressure Sodium 360W [NH360]
1000(260W)		Mercury 1000W [HF1000X]	Metal Halide 700W [MF700]	High-pressure Sodium 660W [NH660]

(Indoor) By Ceiling Height

Ceiling height	High-bayLED [CORE]	
H:~3m	250 Glare	
H:3m~5m	250 Transparent	400 Glare
H:5m~9m	400 Transparent	700 Glare
H:9m~15m	700 Transparent	1000 Glare
H:15m~	1000 Transparent	

(Outdoor) By Mounting Height

Mounting height	High-bayLED [CORE]		
H:~5m	250 Glare	400 Glare	
H:5m~10m	400 Transparent	700 Glare	1000 Glare
H:10m~20m	700 Transparent	1000 Transparent	