

# NLTH-41TW

## 4" Theia LED Downlight with Selectable CCT

Source: 10W

Up to 950lm

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

Theia LED luminaires are commercial grade downlights designed for easy installation into new construction or remodel applications. Tunable white luminaires include an integral color temperature switch located on the junction box of each luminaire with a quick connect that allows for easy disconnect and mounting in the ceiling.

### FEATURES

- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- No housing required and includes junction box with class 2 driver
- Quick installation and cost savings
- IC Air-Tight rated
- cETLus Listed for Wet Locations
- 5-year limited warranty

### SPECIFICATION

**Construction:** Aluminum luminaire with spring clips for easy installation. Gasket included for air-tight and wet location listing without additional caulking.

**Air Flow Restriction:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**Junction Box:** Pre-wired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes four 1/2" knockouts, two keyhole slots and snap on cover. Maximum of 6 No. 12 AWG or Maximum of 8 No. 14 AWG through branch circuit conductor suitable for 90°C permitted in box. [Fixture wire length: 7-1/2" and Junction box wire length: 10-1/2"]

**Mounting:** No housing is required, two tensions steel spring clips secure luminaires to the ceiling. Luminaires accept ceiling thicknesses from 3/8" to 5/8". New construction frame-in or plate are available (ordered separately), not required.

**Minimum clearance:** "IC" Insulated ceiling luminaires are direct contact rated; no minimum clearance is required.

### ELECTRICAL

**Voltage:** 120VAC (blank) or 120-277VAC (LE4), must specify

**Lumens / Wattage:** Up to 950lm / 10W

**Color Temperature:** Selectable CCT: 2700K / 3000K / 3500K / 4000K / 5000K (*Note: Preset to 3000K*)

**Color Rendering Index:** 90+ CRI

**Beam Spread:** 94° Wide Flood

**Operating Temperature:** 0°C to 35°C ambient temperature

**Lifetime:** 50,000 hours @ L70

**Dimming:** Triac/ELV (blank) or 0-10V (LE4), must specify

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

### OPTIONAL ACCESSORIES

[NF-R246](#): Universal New Construction Frame-In

[NFP-R413](#): New Construction Plate

[NEPK-20LEDUNV](#): 20W Emergency LED Driver with Remote Test Switch

**Emergency:** Luminaire is compatible with NEPK-20LEDUNV (ordered separately). Battery operates luminaire at 20W for 90 minute emergency operation with a fully charged battery.

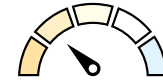
### LABELS AND LISTINGS

- cETLus Listed for Wet location
- ENERGY STAR certified
- Certified to the high efficacy requirements of California Title 24 JA8-2022
- [5-Year Limited Warranty](#)
- FCC Compliant



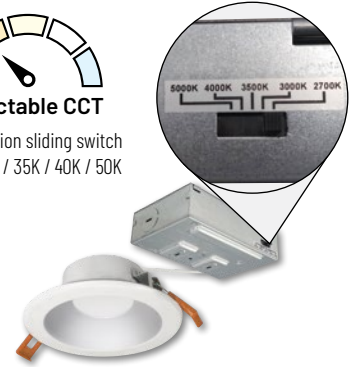
Performance Data		
Part Number	Lumens	CCT
NLTH-41TW-MPW	886lm	2700K
NLTH-41TW-MPW	935lm	3000K
NLTH-41TW-MPW	972lm	3500K
NLTH-41TW-MPW	985lm	4000K
NLTH-41TW-MPW	967lm	5000K

### PRODUCT IMAGES AND DIMENSIONS



#### Selectable CCT

Five position sliding switch  
27K / 30K / 35K / 40K / 50K



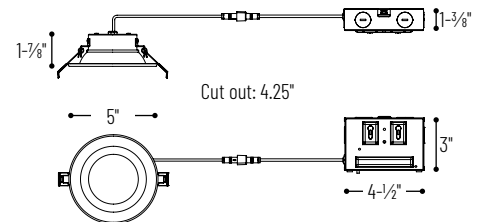
#### NLTH-41TW-HZMPW

Haze Reflector / Matte Powder White Flange



#### NLTH-41TW-MPW

Matte Powder White Reflector / Matte Powder White Flange



## 4" Theia LED Downlight with Selectable CCT

Finish	Input Voltage / Dimming
NLTH-41TW-HZMPW = Haze Reflector / Matte Powder White Flange	(blank) = 120VAC; Triac/ELV dimming
NLTH-41TW-MPW = Matte Powder White Reflector / Matte Powder White Flange	LE4 = 120-277VAC; 0-10V dimming

## Optional Accessories

Description
NF-R246 = Universal New Construction Frame-In
NFP-R413 = New Construction Plate
NEPK-20LEDUNV = 20W Emergency Battery w/Remote Test Switch

Example: NLTH-41TW-MPW = 4" Theia LED Downlight with Selectable CCT, Matte Powder White Finish, 120VAC input; Triac or ELV dimming

# NLTH-41TW

4" Theia LED Downlight with Selectable CCT Accessories

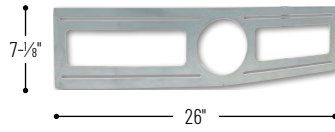
Type \_\_\_\_\_  
Project \_\_\_\_\_  
Catalog No. \_\_\_\_\_  
Notes \_\_\_\_\_



Universal New Construction Frame-In

### NF-R246

Universal new construction frame-in can be used to assist installing can-less recessed downlighting.



New Construction Plate

### NFP-R413

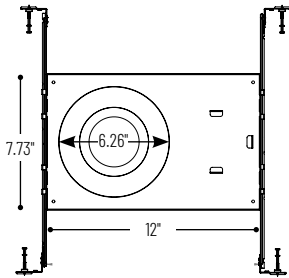
New construction plate can be used to assist installing canless recessed downlighting.



20W Emergency Battery with Remote Test Switch

### NEPK-20LEDUNV

120-277V 20W emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to for full charge.



# PHOTOMETRICS

## 4" Theia LED Tunable Downlight

Type

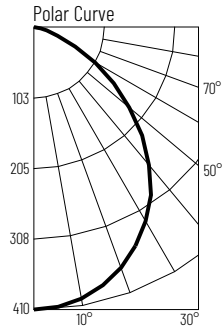
Project

Catalog No.

Notes

### Test Information

Test Number: NTR1749R2  
 Part Number: NLTH-4ITW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 886lm  
 Wattage: 9.47W  
 Efficacy: 94lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	25.7fc	8'-7"
6'	11.4fc	12'-11"
8'	6.4fc	17'-2"
10'	4.1fc	21'-7"
12'	2.9fc	25'-11"

### Zonal Lumen Summary

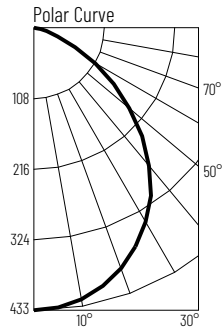
Zone	Lumens	% Luminaire
0-30	309	34.9
0-40	494	55.8
0-60	792	89.5
0-90	886	100
90-180	0	0
0-180	886	100

### Candela Table

Vertical Angles	Candela
0	410
5	408
15	388
25	351
35	298
45	223

### Test Information

Test Number: NTR1750R2  
 Part Number: NLTH-4ITW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 935lm  
 Wattage: 9.35W  
 Efficacy: 100lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	27fc	8'-7"
6'	12fc	13'
8'	6.8fc	17'-4"
10'	4.3fc	21'-7"
12'	3fc	25'-11"

### Zonal Lumen Summary

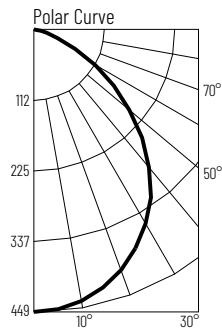
Zone	Lumens	% Luminaire
0-30	326	34.9
0-40	521	55.7
0-60	836	89.4
0-90	935	100
90-180	0	0
0-180	935	100

### Candela Table

Vertical Angles	Candela
0	432
5	430
15	409
25	370
35	314
45	235

### Test Information

Test Number: NTR1751R2  
 Part Number: NLTH-4ITW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 972lm  
 Wattage: 9.19W  
 Efficacy: 106lpw  
 CCT / CRI: 3500K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	28.1fc	8'-7"
6'	12.5fc	13'
8'	7fc	17'-4"
10'	4.5fc	21'-7"
12'	3.1fc	25'-11"

### Zonal Lumen Summary

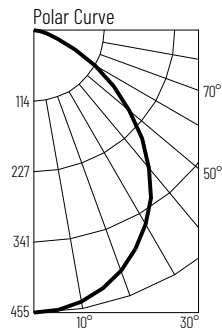
Zone	Lumens	% Luminaire
0-30	339	34.8
0-40	541	55.7
0-60	868	89.4
0-90	972	100
90-180	0	0
0-180	972	100

### Candela Table

Vertical Angles	Candela
0	449
5	447
15	425
25	385
35	326
45	244

### Test Information

Test Number: NTR1752R2  
 Part Number: NLTH-4ITW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 985lm  
 Wattage: 9.27W  
 Efficacy: 106lpw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	28.4fc	8'-7"
6'	12.6fc	13'
8'	7.1fc	17'-4"
10'	4.6fc	21'-7"
12'	3.2fc	25'-11"

### Zonal Lumen Summary

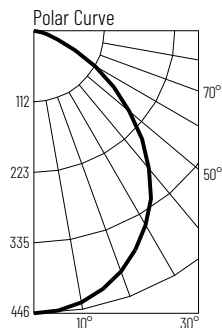
Zone	Lumens	% Luminaire
0-30	343	34.8
0-40	548	55.6
0-60	879	89.3
0-90	985	100
90-180	0	0
0-180	985	100

### Candela Table

Vertical Angles	Candela
0	455
5	452
15	430
25	389
35	329
45	247

### Test Information

Test Number: NTR1753R2  
 Part Number: NLTH-4ITW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 967lm  
 Wattage: 9.49W  
 Efficacy: 102lpw  
 CCT / CRI: 5000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	27.9fc	8'-7"
6'	12.4fc	13'
8'	7fc	17'-4"
10'	4.5fc	21'-7"
12'	3.1fc	26'

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	336	34.8
0-40	537	55.6
0-60	863	89.3
0-90	967	100
90-180	0	0
0-180	967	100

### Candela Table

Vertical Angles	Candela
0	446
5	444
15	422
25	382
35	324
45	243

# NLTH-61TW

## 6" Theia LED Downlight with Selectable CCT

Source: 15W

Up to 1400lm

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

Theia LED luminaires are commercial grade downlights designed for easy installation into new construction or remodel applications. Tunable white luminaires include an integral color temperature switch located on the junction box of each luminaire with a quick connect that allows for easy disconnect and mounting in the ceiling.

### FEATURES

- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- No housing required and includes junction box with class 2 driver
- Quick installation and cost savings
- IC Air-Tight rated
- cETLus Listed for Wet Locations
- 5-year limited warranty

### SPECIFICATION

**Construction:** Aluminum luminaire with spring clips for easy installation. Gasket included for air-tight and wet location listing without additional caulking.

**Air Flow Restriction:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**Junction Box:** Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes four 1/2" knockouts, two keyhole slots and snap on cover. Maximum of 6 No. 12 AWG or Maximum of 8 No. 14 AWG through branch circuit conductor suitable for 90°C permitted in box. [Fixture wire length: 7-1/2" and Junction box wire length: 10-1/2"]

**Mounting:** No housing is required, two tensions steel spring clips secure luminaires to the ceiling. Luminaires accept ceiling thicknesses from 3/8" to 1-1/4". New construction frame-in or plate are available (ordered separately), not required.

**Minimum clearance:** "IC" Insulated ceiling luminaires are direct contact rated; no minimum clearance is required.

### ELECTRICAL

**Voltage:** 120VAC (blank) or 120-277VAC (LE4), must specify

**Lumens / Wattage:** Up to 1400lm / 15W

**Color Temperature:** Selectable CCT: 2700K / 3000K / 3500K / 4000K / 5000K (*Note: Preset to 3000K*)

**Color Rendering Index:** 90+ CRI

**Beam Spread:** 98° Wide Flood

**Operating Temperature:** 0°C to 35°C ambient temperature

**Lifetime:** 50,000 hours @ L70

**Dimming:** Triac/ELV (blank) or 0-10V (LE4), must specify

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

### OPTIONAL ACCESSORIES

[NF-R246](#): Universal New Construction Frame-In

[NFP-R413](#): New Construction Plate

[NEPK-20LEDUNV](#): 20W Emergency LED Driver with Remote Test Switch

**Emergency:** Luminaire is compatible with NEPK-20LEDUNV (ordered separately). Battery operates luminaire at 20W for 90 minute emergency operation with a fully charged battery.

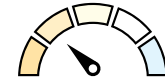
### LABELS AND LISTINGS

- cETLus Listed for Wet location
- ENERGY STAR certified
- Certified to the high efficacy requirements of California Title 24 JA8-2022
- [5-Year Limited Warranty](#)
- FCC Compliant



Performance Data		
Part Number	Lumens	CCT
NLTH-61TW-MPW	1285lm	2700K
NLTH-61TW-MPW	1361lm	3000K
NLTH-61TW-MPW	1421lm	3500K
NLTH-61TW-MPW	1444lm	4000K
NLTH-61TW-MPW	1445lm	5000K

### PRODUCT IMAGES AND DIMENSIONS



#### Selectable CCT

Five position sliding switch  
27K / 30K / 35K / 40K / 50K



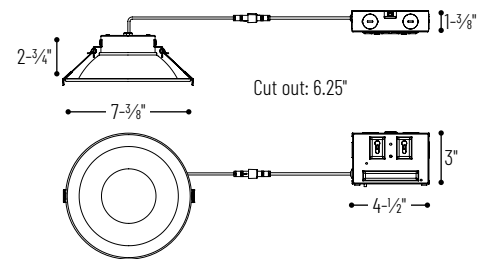
#### NLTH-61TW-HZMPW

Haze Reflector / Matte Powder White Flange



#### NLTH-61TW-MPW

Matte Powder White Reflector / Matte Powder White Flange



## 6" Theia LED Downlight with Selectable CCT

Finish	Input Voltage / Dimming
NLTH-61TW-HZMPW = Haze Reflector / Matte Powder White Flange	(blank) = 120VAC; Triac/ELV dimming
NLTH-61TW-MPW = Matte Powder White Reflector / Matte Powder White Flange	LE4 = 120-277VAC; 0-10V dimming

## Optional Accessories

Description
NF-R246 = Universal New Construction Frame-In
NFP-R613 = New Construction Plate
NEPK-20LEDUNV = 20W Emergency Battery w/Remote Test Switch

Example: NLTH-61TW-MPW = 6" Theia LED Downlight with Selectable CCT, Matte Powder White Finish, 120VAC input; Triac or ELV dimming

# NLTH-61TW

6" Theia LED Downlight with Selectable CCT Accessories

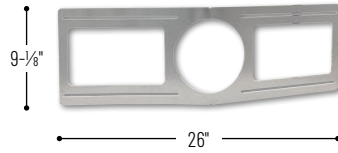
Type \_\_\_\_\_  
Project \_\_\_\_\_  
Catalog No. \_\_\_\_\_  
Notes \_\_\_\_\_



Universal New Construction Frame-In

### NF-R246

Universal new construction frame-in can be used to assist installing can-less recessed downlighting.



New Construction Plate

### NFP-R613

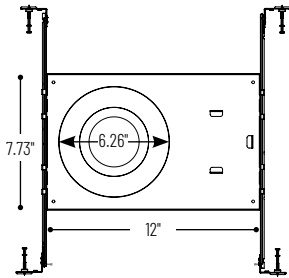
New construction plate can be used to assist installing canless recessed downlighting.



20W Emergency Battery with Remote Test Switch

### NEPK-20LEDUNV

120-277V 20W emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to for full charge.



# PHOTOMETRICS

## 6" Theia LED Tunable Downlight

Type

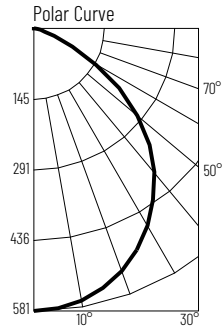
Project

Catalog No.

Notes

### Test Information

Test Number: NTR1754R2  
 Part Number: NLTH-61TW-MPW  
 Beam Spread: 98° Wide Flood  
 Lumens: 1285lm  
 Wattage: 14.62W  
 Efficacy: 88lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.22  
 Spacing Criteria (90°-270°): 1.22



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	16.1fc	13"-10"
8'	9.1fc	18"-5"
10'	5.8fc	23"-1"
12'	4fc	27"-8"
14'	3fc	32"-4"

### Zonal Lumen Summary

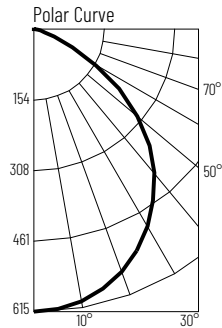
Zone	Lumens	% Luminaire
0-30	440	34.2
0-40	706	54.9
0-60	1156	89.9
0-90	1285	100
90-180	0	0
0-180	1285	100

### Candela Table

Vertical Angles	Candela
0	581
5	578
15	553
25	502
35	430
45	339

### Test Information

Test Number: NTR1755R2  
 Part Number: NLTH-61TW-MPW  
 Beam Spread: 98° Wide Flood  
 Lumens: 1361lm  
 Wattage: 14.38W  
 Efficacy: 95lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.22  
 Spacing Criteria (90°-270°): 1.22



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	17.1fc	13"-10"
8'	9.6fc	18"-5"
10'	6.2fc	23"-1"
12'	4.3fc	27"-8"
14'	3.1fc	32"-4"

### Zonal Lumen Summary

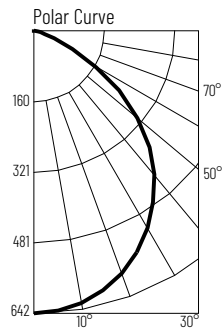
Zone	Lumens	% Luminaire
0-30	465	34.2
0-40	747	54.9
0-60	1224	89.9
0-90	1361	100
90-180	0	0
0-180	1361	100

### Candela Table

Vertical Angles	Candela
0	615
5	612
15	585
25	532
35	454
45	359

### Test Information

Test Number: NTR1756RR  
 Part Number: NLTH-61TW-MPW  
 Beam Spread: 98° Wide Flood  
 Lumens: 1421lm  
 Wattage: 14.04W  
 Efficacy: 101lpw  
 CCT / CRI: 3500K / 90 CRI  
 Spacing Criteria (0°-180°): 1.22  
 Spacing Criteria (90°-270°): 1.22



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	17.8fc	13"-10"
8'	10fc	18"-6"
10'	6.4fc	23"-1"
12'	4.5fc	27"-8"
14'	3.3fc	32"-4"

### Zonal Lumen Summary

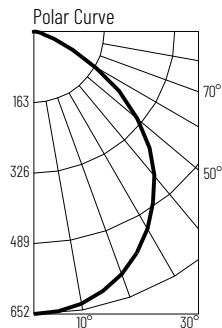
Zone	Lumens	% Luminaire
0-30	486	34.2
0-40	780	54.9
0-60	1277	89.9
0-90	1421	100
90-180	0	0
0-180	1421	100

### Candela Table

Vertical Angles	Candela
0	642
5	639
15	610
25	555
35	474
45	375

### Test Information

Test Number: NTR1757R2  
 Part Number: NLTH-61TW-MPW  
 Beam Spread: 98° Wide Flood  
 Lumens: 1444lm  
 Wattage: 14.19W  
 Efficacy: 102lpw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.22



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	18.1fc	13"-10"
8'	10.2fc	18"-6"
10'	6.5fc	23"-1"
12'	4.5fc	27"-8"
14'	3.3fc	32"-4"

### Zonal Lumen Summary

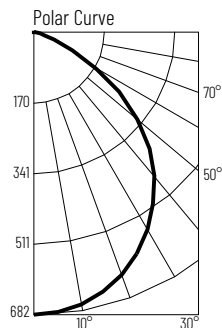
Zone	Lumens	% Luminaire
0-30	494	34.2
0-40	793	54.9
0-60	1298	89.9
0-90	1444	100
90-180	0	0
0-180	1444	100

### Candela Table

Vertical Angles	Candela
0	652
5	650
15	620
25	562
35	481
45	380

### Test Information

Test Number: NTR1758R2  
 Part Number: NLTH-61TW-MPW  
 Beam Spread: 95° Wide Flood  
 Lumens: 1445lm  
 Wattage: 14.63W  
 Efficacy: 99lpw  
 CCT / CRI: 5000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
6'	18.9fc	13"-4"
8'	10.7fc	17"-8"
10'	6.8fc	22"-2"
12'	4.7fc	26"-7"
14'	3.5fc	31"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	515	35.7
0-40	824	57.1
0-60	1323	91.6
0-90	1445	100
90-180	0	0
0-180	1445	100

### Candela Table

Vertical Angles	Candela
0	682
5	679
15	646
25	585
35	499
45	386

# NLTH-81TW

## 8" Theia LED Tunable Downlight

Source: 22W

Up to 2100lm

Type

Project

Catalog No.

Notes

### PRODUCT DESCRIPTION

Theia LED luminaires are commercial grade downlights designed for easy installation into new construction or remodel applications. Tunable white luminaires include an integral color temperature switch located on the junction box of each luminaire with a quick connect that allows for easy disconnect and mounting in the ceiling.

### FEATURES

- Five color temperatures in each fixture (2700K / 3000K / 3500K / 4000K / 5000K)
- No housing required and includes junction box with class 2 driver
- Quick installation and cost savings
- IC Air-Tight rated
- cETLus Listed for Wet Locations
- 5-year limited warranty

### SPECIFICATION

**Construction:** Aluminum luminaire with spring clips for easy installation. Gasket included for air-tight and wet location listing without additional caulking.

**Air Flow Restriction:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**Junction Box:** Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes four 1/2" knockouts, two keyhole slots and snap on cover. Maximum of 4 No. 12 AWG or Maximum of 6 No. 14 AWG through branch circuit conductor suitable for 90°C permitted in box. [Fixture wire length: 7-1/2" and Junction box wire length: 10-1/2"]

**Mounting:** No housing is required, two tensions steel spring clips secure luminaires to the ceiling. Luminaires accept ceiling thicknesses from 3/8" to 1-1/4". New construction frame-in or plate are available (ordered separately), not required.

**Minimum clearance:** "IC" Insulated ceiling luminaires are direct contact rated; no minimum clearance is required.

### ELECTRICAL

**Voltage:** 120VAC (blank) or 120-277VAC (LE4), must specify

**Lumens / Wattage:** Up to 2100lm / 22W

**Color Temperature:** Selectable CCT: 2700K / 3000K / 3500K / 4000K / 5000K (Note: Preset to 3000K)

**Color Rendering Index:** 90+ CRI

**Beam Spread:** 94° Wide Flood

**Operating Temperature:** 0°C to 35°C ambient temperature

**Lifetime:** 50,000 hours @ L70

**Dimming:** Triac/ELV (blank) or 0-10V (LE4), must specify

[Click Here](#) or check complete dimmer list at [www.NoraLighting.com](http://www.NoraLighting.com) in the "Compatibility" page under "Resources" tab

### OPTIONAL ACCESSORIES

[NF-R725:](#) New Construction Frame-In

[NFP-R725:](#) New Construction Plate

### LABELS AND LISTINGS

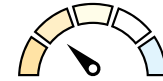
- cETLus Listed for Wet location
- ENERGY STAR certified
- Certified to the high efficacy requirements of California Title 24 JA8-2022
- [5-Year Limited Warranty](#)
- FCC Compliant



### Performance Data

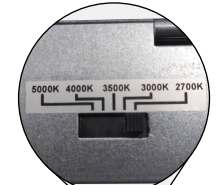
Part Number	Lumens	CCT
NLTH-81TW-MPW	1920lm	2700K
NLTH-81TW-MPW	2039lm	3000K
NLTH-81TW-MPW	2112lm	3500K
NLTH-81TW-MPW	2148lm	4000K
NLTH-81TW-MPW	2082lm	5000K

### PRODUCT IMAGES AND DIMENSIONS



#### Selectable CCT

Five position sliding switch  
27K / 30K / 35K / 40K / 50K



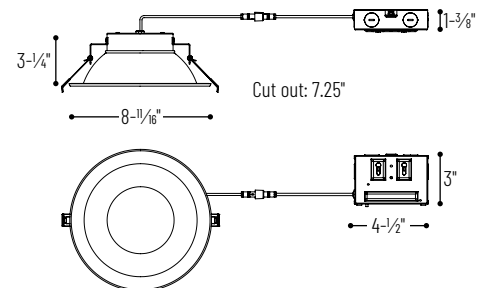
#### NLTH-81TW-HZMPW

Haze Reflector / Matte Powder White Flange



#### NLTH-81TW-MPW

Matte Powder White Reflector / Matte Powder White Flange



## 8" Theia LED Downlight with Selectable CCT

Finish	Input Voltage / Dimming
NLTH-81TW-HZMPW = Haze Reflector / Matte Powder White Flange	(blank) = 120VAC; Triac/ELV dimming
NLTH-81TW-MPW = Matte Powder White Reflector / Matte Powder White Flange	LE4 = 120-277VAC; 0-10V dimming

## Optional Accessories

Description
NF-R725 = New Construction Frame-In
NFP-R725 = New Construction Plate

Example: NLTH-81TW-MPW = 8" Theia LED Downlight with Selectable CCT, Matte Powder White Finish, 120VAC input; Triac or ELV dimming

# NLTH-81TW

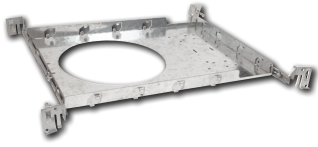
8" Theia LED Downlight with Selectable CCT Accessories

Type \_\_\_\_\_

Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

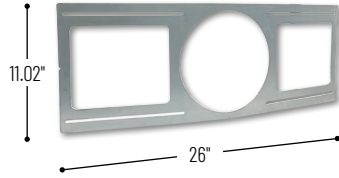
Notes \_\_\_\_\_



New Construction Frame-In

### NF-R725

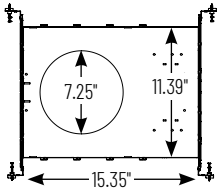
New construction frame-in can be used to assist installing can-less recessed downlighting.



New Construction Plate

### NFP-R725

New construction plate can be used to assist installing canless recessed downlighting.





# PHOTOMETRICS

## 8" Theia LED Tunable Downlight

Type

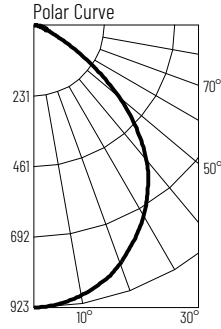
Project

Catalog No.

Notes

### Test Information

Test Number: NTR1770R2  
 Part Number: NLTH-81TW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 1920lm  
 Wattage: 21.01W  
 Efficacy: 91lpw  
 CCT / CRI: 2700K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	6.4fc	25'-11"
14'	4.7fc	30'-4"
16'	3.6fc	34'-7"
18'	2.9fc	38'-11"
20'	2.3fc	43'-2"

### Zonal Lumen Summary

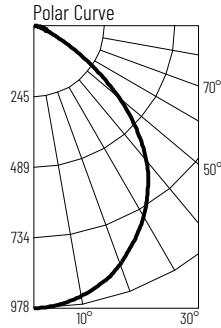
Zone	Lumens	% Luminaire
0-30	695	36.2
0-40	1113	58
0-60	1759	91.6
0-90	1920	100
90-180	0	0
0-180	1920	100

### Candela Table

Vertical Angles	Candela
0	923
5	914
15	875
25	795
35	673
45	511

### Test Information

Test Number: NTR1771R2  
 Part Number: NLTH-81TW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 2039lm  
 Wattage: 20.64W  
 Efficacy: 99lpw  
 CCT / CRI: 3000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	6.8fc	26'
14'	5fc	30'-4"
16'	3.8fc	34'-7"
18'	3fc	38'-11"
20'	2.5fc	43'-4"

### Zonal Lumen Summary

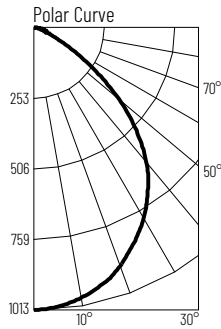
Zone	Lumens	% Luminaire
0-30	738	36.2
0-40	1183	58
0-60	1869	91.7
0-90	2039	100
90-180	0	0
0-180	2039	100

### Candela Table

Vertical Angles	Candela
0	978
5	974
15	930
25	843
35	716
45	541

### Test Information

Test Number: NTR1772R2  
 Part Number: NLTH-81TW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 2112lm  
 Wattage: 20.19W  
 Efficacy: 105lpw  
 CCT / CRI: 3500K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	7fc	26'
14'	5.2fc	30'-5"
16'	4fc	34'-8"
18'	3.1fc	39'
20'	2.5fc	43'-5"

### Zonal Lumen Summary

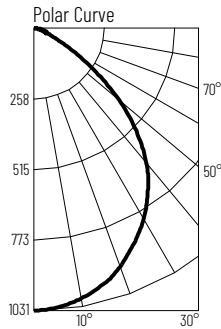
Zone	Lumens	% Luminaire
0-30	764	36.2
0-40	1224	58
0-60	1935	91.6
0-90	2112	100
90-180	0	0
0-180	2112	100

### Candela Table

Vertical Angles	Candela
0	1013
5	1007
15	960
25	874
35	743
45	561

### Test Information

Test Number: NTR1773R2  
 Part Number: NLTH-81TW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 2148lm  
 Wattage: 20.54W  
 Efficacy: 105lpw  
 CCT / CRI: 4000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	7.2fc	26'
14'	5.3fc	30'-4"
16'	4fc	34'-7"
18'	3.2fc	38'-11"
20'	2.6fc	43'-4"

### Zonal Lumen Summary

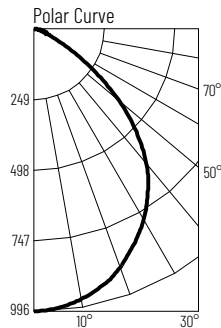
Zone	Lumens	% Luminaire
0-30	645	30
0-40	1056	49
0-60	1937	90.2
0-90	2148	100
90-180	0	0
0-180	2148	100

### Candela Table

Vertical Angles	Candela
0	1031
5	1025
15	977
25	886
35	754
45	569

### Test Information

Test Number: NTR1774R2  
 Part Number: NLTH-81TW-MPW  
 Beam Spread: 94° Wide Flood  
 Lumens: 2082lm  
 Wattage: 21W  
 Efficacy: 99lpw  
 CCT / CRI: 5000K / 90 CRI  
 Spacing Criteria (0°-180°): 1.2  
 Spacing Criteria (90°-270°): 1.2



### Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
12'	6.9fc	26'
14'	5.1fc	30'-4"
16'	3.9fc	34'-7"
18'	3.1fc	39'
20'	2.5fc	43'-4"

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	752	36.1
0-40	1205	57.9
0-60	1906	91.5
0-90	2082	100
90-180	0	0
0-180	2082	100

### Candela Table

Vertical Angles	Candela
0	996
5	991
15	946
25	863
35	730
45	552